

# Cerebral palsy: diagnosis and management in children and young people

## Appendix E – Search Strategies

*NICE Guideline*

*Methods, evidence and recommendations*

*30 June 2016*

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*Commissioned by the National Institute for  
Health and Clinical Excellence*



**Disclaimer**

Healthcare professionals are expected to take NICE clinical guidelines fully into account when exercising their clinical judgement. However, the guidance does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of each patient, in consultation with the patient and/or their guardian or carer.

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## 2 Appendix E: Search strategies

### E.1.3 Risk factors

#### E.1.14 Database: Medline

#	Searches
1	EPIDEMIOLOGIC STUDIES/
2	exp CASE CONTROL STUDIES/
3	exp COHORT STUDIES/
4	Case control.tw.
5	(cohort adj (study or studies)).tw.
6	Cohort analy\$.tw.
7	(Follow up adj (study or studies)).tw.
8	(observational adj (study or studies)).tw.
9	Longitudinal.tw.
10	Retrospective.tw.
11	Cross sectional.tw.
12	CROSS SECTIONAL STUDIES/
13	or/1-12
14	CEREBRAL PALSY/
15	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
16	little? disease.ti,ab.
17	or/14-16
18	RISK FACTORS/
19	risk.ti.
20	risk factor?.ab.
21	or/18-20
22	exp PREGNANCY COMPLICATIONS/
23	exp TOXOPLASMOSIS/ or exp RUBELLA/ or exp CYTOMEGALOVIRUS INFECTIONS/ or exp HERPES SIMPLEX/ or exp SYPHILIS/ or exp HERPESVIRUS 3, HUMAN/ or exp PARVOVIRUS B19, HUMAN/ or exp ERYTHEMA INFECTIOSUM/
24	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,ab.
25	exp PREGNANCY, MULTIPLE/
26	(multiple adj3 (gestation\$ or pregnanc\$)).ti,ab.
27	exp FETAL GROWTH RETARDATION/
28	((f??tal or intrauterine) adj3 growth).ti,ab.
29	exp OBSTETRIC LABOR, PREMATURE/
30	h?emorrhag\$.ti,ab.
31	exp OBSTETRIC LABOR COMPLICATIONS/ or exp HEMORRHAGE/
32	exp HYPOXIA-ISCHEMIA, BRAIN/
33	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,ab.
34	hie.ti,ab.
35	(congenital adj3 infection\$.ti,ab.
36	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,ab.
37	(maternal or mother\$).ti,ab.
38	exp SEPSIS/
39	37 and 38
40	exp APGAR SCORE/
41	(apgar adj score\$.ti,ab.
42	exp INFANT, PREMATURE/ or exp PREMATURE BIRTH/
43	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
44	exp LABOR, OBSTETRIC/ or exp PARTURITION/
45	43 and 44
46	exp MENINGITIS/ or exp ENCEPHALITIS/
47	(meningit\$ or encephalitis).ti,ab.
48	(brain adj3 inflamm\$.ti,ab.
49	exp BIRTH INJURIES/ or exp SHAKEN BABY SYNDROME/ or exp CHILD ABUSE/ or exp CRANIOCEREBRAL TRAUMA/ or exp BATTERED CHILD SYNDROME/
50	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,ab.
51	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,ab.
52	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,ab.
53	exp BLOOD COAGULATION DISORDERS/

#	Searches
54	exp "METHYLENETETRAHYDROFOLATE REDUCTASE (NADPH2)"/df [Deficiency]
55	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,ab.
56	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,ab.
57	or/22-36,39-42,45-56
58	and/13,17,21,57
59	exp CEREBRAL PALSY/ep, et, cn [Epidemiology, Etiology, Congenital]
60	58 or 59
61	limit 60 to (english language and yr="2000 - 2015")
62	LETTER/
63	EDITORIAL/
64	NEWS/
65	exp HISTORICAL ARTICLE/
66	ANECDOTES AS TOPIC/
67	COMMENT/
68	CASE REPORT/
69	(letter or comment* or abstracts).ti.
70	or/62-69
71	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
72	70 not 71
73	ANIMALS/ not HUMANS/
74	exp ANIMALS, LABORATORY/
75	exp ANIMAL EXPERIMENTATION/
76	exp MODELS, ANIMAL/
77	exp RODENTIA/
78	(rat or rats or mouse or mice).ti.
79	or/72-78
80	61 not 79

1

### E.1.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	1 or 2
4	risk.ti.
5	risk factor?.ab.
6	4 or 5
7	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,ab.
8	(multiple adj3 (gestation\$ or pregnanc\$)).ti,ab.
9	((f??tal or intrauterine) adj3 growth).ti,ab.
10	h?emorrhag\$.ti,ab.
11	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,ab.
12	hie.ti,ab.
13	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,ab.
14	(congenital adj3 infection\$).ti,ab.
15	(apgar adj score\$).ti,ab.
16	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
17	(meningit\$ or encephalitis).ti,ab.
18	(brain adj3 inflamm\$).ti,ab.
19	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,ab.
20	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,ab.
21	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,ab.
22	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,ab.
23	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,ab.
24	or/7-23
25	and/3,6,24

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### E.1.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3

#	Searches
5	RISK FACTORS/ or RISK FACTOR.kw.
6	risk.ti.
7	risk factor?.ab.
8	or/5-7
9	PREGNANCY COMPLICATIONS/ or PREGNANCY COMPLICATION.kw.
10	(TOXOPLASMOSIS or RUBELLA).sh,kw. or CYTOMEGALOVIRUS INFECTIONS/ or CYTOMEGALOVIRUS INFECTIONS.kw. or HERPES SIMPLEX/ or HERPES VIRUS INFECTION.kw. or SYPHILIS.sh,kw. or HERPESVIRUS 3, HUMAN/ or PARVOVIRUS B19, HUMAN/ or ERYTHEMA INFECTIOSUM.sh,kw. or VARICELLA ZOSTER VIRUS.kw.
11	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,ab.
12	PREGNANCY, MULTIPLE/ or MULTIPLE PREGNANCY.kw.
13	(multiple adj3 (gestation\$ or pregnanc\$)).ti,ab.
14	FETAL GROWTH RETARDATION/ or INTRAUTERINE GROWTH RETARDATION.kw.
15	((f?tal or intrauterine) adj3 growth).ti,ab.
16	OBSTETRIC LABOR, PREMATURE/
17	(PREMATURE LABOR or BLEEDING).kw.
18	h?emorrhag\$.ti,ab.
19	OBSTETRIC LABOR COMPLICATIONS/ or HEMORRHAGE/
20	(NEWBORN DISEASE or LABOR COMPLICATION).kw.
21	HYPOXIA-ISCHEMIA, BRAIN/ or HYPOXIC ISCHEMIC ENCEPHALOPATHY.kw.
22	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,ab.
23	hie.ti,ab.
24	(congenital adj3 infection\$).ti,ab.
25	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,ab.
26	(maternal or mother\$).ti,ab.
27	SEPSIS.sh,kw.
28	26 and 27
29	APGAR SCORE.sh,kw.
30	(apgar adj score\$).ti,ab.
31	INFANT, PREMATURE/ or PREMATURE BIRTH/
32	PREMATURITY.kw.
33	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
34	LABOR, OBSTETRIC/ or PARTURITION/
35	(LABOR or BIRTH).kw.
36	34 or 35
37	33 and 36
38	(MENINGITIS or ENCEPHALITIS).sh,kw.
39	(meningit\$ or encephalitis).ti,ab.
40	(brain adj3 inflamm\$).ti,ab.
41	(SHAKEN BABY SYNDROME or CHILD ABUSE or BATTERED CHILD SYNDROME).sh,kw.
42	BIRTH INJURIES/ or CRANIOCEREBRAL TRAUMA/
43	(BIRTH INJURY or TRAUMATIC BRAIN INJURY).kw.
44	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,ab.
45	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,ab.
46	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,ab.
47	BLOOD COAGULATION DISORDERS/ or "METHYLENETETRAHYDROFOLATE REDUCTASE (NADPH2)"/
48	(BLOOD CLOTting DISORDER or "5, 10 METHYLENETETRAHYDROFOLATE REDUCTASE (FADH2)").kw.
49	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,ab.
50	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,ab.
51	or/9-25,28-32,37-50
52	and/4,8,51
53	CEREBRAL PALSY/cn, ep, et [Congenital, Epidemiology, Etiology]
54	52 or 53
55	limit 54 to yr="2000 - 2015"

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### E.1.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,tw,tx.
3	little? disease.ti,tw,tx.
4	or/1-3
5	(RISK FACTORS or RISK FACTOR).kw.
6	risk.ti.
7	risk factor?.tw,tx.

#	Searches
8	or/5-7
9	(PREGNANCY COMPLICATIONS or PREGNANCY COMPLICATION).kw.
10	(TOXOPLASMOSIS or RUBELLA or CYTOMEGALOVIRUS INFECTIONS or HERPES SIMPLEX or HERPES VIRUS INFECTION or SYPHILIS or HERPESVIRUS 3, HUMAN or PARVOVIRUS B19, HUMAN or ERYTHEMA INFECTIOSUM or VARICELLA ZOSTER VIRUS).kw.
11	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,tw,tx.
12	(PREGNANCY, MULTIPLE or MULTIPLE PREGNANCY).kw.
13	(multiple adj3 (gestation\$ or pregnanc\$)).ti,tw,tx.
14	(FETAL GROWTH RETARDATION or INTRAUTERINE GROWTH RETARDATION).kw.
15	((f??tal or intrauterine) adj3 growth).ti,ab.
16	(OBSTETRIC LABOR, PREMATURE or PREMATURE LABOR or BLEEDING).kw.
17	h?emorrhag\$.ti,tw,tx.
18	(OBSTETRIC LABOR COMPLICATIONS or HEMORRHAGE or NEWBORN DISEASE or LABOR COMPLICATION).kw.
19	(HYPOXIA-ISCHEMIA, BRAIN or HYPOXIC ISCHEMIC ENCEPHALOPATHY).kw.
20	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,tw,tx.
21	hie.ti,tw,tx.
22	(congenital adj3 infection\$).ti,tw,tx.
23	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,tw,tx.
24	(maternal or mother\$).ti,tw,tx.
25	SEPSIS.kw.
26	24 and 25
27	APGAR SCORE.kw.
28	(apgar adj score\$).ti,tw,tx.
29	(INFANT, PREMATURE or PREMATURE BIRTH or PREMATURITY).kw.
30	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,tw,tx.
31	(LABOR, OBSTETRIC or PARTURITION or LABOR or BIRTH).kw.
32	30 and 31
33	(MENINGITIS or ENCEPHALITIS).kw.
34	(meningit\$ or encephalitis).ti,tw,tx.
35	(brain adj3 inflamm\$).ti,tw,tx.
36	(SHAKEN BABY SYNDROME or CHILD ABUSE or BATTERED CHILD SYNDROME or BIRTH INJURIES or CRANIOCEREBRAL TRAUMA or BIRTH INJURY or TRAUMATIC BRAIN INJURY).kw.
37	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,tw,tx.
38	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,tw,tx.
39	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,tw,tx.
40	(BLOOD COAGULATION DISORDERS or "METHYLENETETRAHYDROFOLATE REDUCTASE (NADPH2)" or BLOOD CLOTTING DISORDER or "5, 10 METHYLENETETRAHYDROFOLATE REDUCTASE (FADH2)").kw.
41	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,tw,tx.
42	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,tw,tx.
43	or/9-23,26-29,32-42
44	and/4,8,43

1

### E.1.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,tw.
3	little? disease.ti,tw.
4	or/1-3
5	RISK FACTORS/
6	risk.ti.
7	risk factor?.tw.
8	or/5-7
9	exp PREGNANCY COMPLICATIONS/
10	exp TOXOPLASMOSIS/ or exp RUBELLA/ or exp CYTOMEGALOVIRUS INFECTIONS/ or exp HERPES SIMPLEX/ or exp SYPHILIS/ or exp HERPESVIRUS 3, HUMAN/ or exp PARVOVIRUS B19, HUMAN/ or exp ERYTHEMA INFECTIOSUM/
11	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,tw.
12	exp PREGNANCY, MULTIPLE/
13	(multiple adj3 (gestation\$ or pregnanc\$)).ti,tw.
14	exp FETAL GROWTH RETARDATION/
15	((f??tal or intrauterine) adj3 growth).ti,ab.
16	exp OBSTETRIC LABOR, PREMATURE/
17	h?emorrhag\$.ti,tw.
18	exp OBSTETRIC LABOR COMPLICATIONS/ or exp HEMORRHAGE/

#	Searches
19	exp HYPOXIA-ISCHEMIA, BRAIN/
20	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,tw.
21	hie.ti,tw.
22	(congenital adj3 infection\$).ti,tw.
23	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,tw.
24	(maternal or mother\$).ti,tw.
25	exp SEPSIS/
26	24 and 25
27	exp APGAR SCORE/
28	(apgar adj score\$).ti,tw.
29	exp INFANT, PREMATURE/ or exp PREMATURE BIRTH/
30	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,tw.
31	exp LABOR, OBSTETRIC/ or exp PARTURITION/
32	30 and 31
33	exp MENINGITIS/ or exp ENCEPHALITIS/
34	(meningit\$ or encephalitis).ti,tw.
35	(brain adj3 inflamm\$).ti,tw.
36	exp BIRTH INJURIES/ or exp SHAKEN BABY SYNDROME/ or exp CHILD ABUSE/ or exp CRANIOCEREBRAL TRAUMA/ or exp BATTERED CHILD SYNDROME/
37	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,tw.
38	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,tw.
39	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,tw.
40	exp BLOOD COAGULATION DISORDERS/
41	exp "METHYLENETETRAHYDROFOLATE REDUCTASE (NADPH2)"/
42	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,tw.
43	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,tw.
44	or/9-23,26-29,32-43
45	and/4,8,44

1

### E.1.62 Database: Embase

#	Searches
1	CLINICAL STUDY/
2	CASE CONTROL STUDY/
3	FAMILY STUDY/
4	LONGITUDINAL STUDY/
5	RETROSPECTIVE STUDY/
6	PROSPECTIVE STUDY/
7	RANDOMIZED CONTROLLED TRIALS/
8	6 not 7
9	COHORT ANALYSIS/
10	(Cohort adj (study or studies)).mp.
11	(Case control adj (study or studies)).tw.
12	(follow up adj (study or studies)).tw.
13	(observational adj (study or studies)).tw.
14	(epidemiologic\$ adj (study or studies)).tw.
15	(cross sectional adj (study or studies)).tw.
16	or/1-5,8-15
17	CEREBRAL PALSY/
18	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
19	little? disease.ti,ab.
20	or/17-19
21	exp RISK FACTOR/
22	risk.ti.
23	risk factor?.ab.
24	or/21-23
25	exp PREGNANCY COMPLICATION/
26	exp RUBELLA/ or exp TOXOPLASMOSIS/ or exp CYTOMEGALOVIRUS INFECTION/ or exp SYPHILIS/ or exp HERPES VIRUS INFECTION/ or exp ERYTHEMA INFECTIONOSUM/ or exp VARICELLA ZOSTER VIRUS/
27	(toxoplasmosis or syphilis or varicella zoster or parvovirus B19 or rubella or cytomegalovirus or CMV or herpes or TORCH).ti,ab.
28	exp MULTIPLE PREGNANCY/
29	(multiple adj3 (gestation\$ or pregnanc\$)).ti,ab.
30	exp INTRAUTERINE GROWTH RETARDATION/
31	((f??tal or intrauterine) adj3 growth).ti,ab.
32	exp PREMATURE LABOR/ or exp BLEEDING/
33	h?emorrhag\$.ti,ab.

#	Searches
34	exp NEWBORN DISEASE/ or exp LABOR COMPLICATION/
35	exp HYPOXIC ISCHEMIC ENCEPHALOPATHY/
36	(hypoxi\$ adj3 isch??mi\$ adj3 (event\$ or encephalopathy)).ti,ab.
37	hie.ti,ab.
38	(congenital adj3 infection\$).ti,ab.
39	((neonatal\$ or newborn\$ or infant\$) adj2 (encephalopathy or sepsis or septic\$ or blood poison\$)).ti,ab.
40	(maternal or mother\$).ti,ab.
41	exp SEPSIS/
42	40 and 41
43	exp APGAR SCORE/
44	(apgar adj score\$).ti,ab.
45	exp PREMATURITY/
46	(pre term or preterm or pre matur\$ or prematur\$ or pre#mie? or premie or premies).ti,ab.
47	exp LABOR/ or exp BIRTH/
48	46 and 47
49	exp MENINGITIS/ or exp ENCEPHALITIS/
50	(meningit\$ or encephalitis).ti,ab.
51	(brain adj3 inflamm\$).ti,ab.
52	exp BIRTH INJURY/ or exp TRAUMATIC BRAIN INJURY/ or exp SHAKEN BABY SYNDROME/ or exp CHILD ABUSE/ or exp BATTERED CHILD SYNDROME/
53	((birth or newborn\$ or postnatal\$ or post natal\$ or postpartum or post neonatal\$ or postneonatal\$) adj3 (trauma\$ or injur\$)).ti,ab.
54	((shake\$ or batter\$) adj3 (baby or infant\$ or child\$)).ti,ab.
55	((non-accident\$ or non accident\$) adj3 (injur\$ or trauma\$)).ti,ab.
56	exp BLOOD CLOTTING DISORDER/ or exp "5, 10 METHYLENETETRAHYDROFOLATE REDUCTASE (FADH2)"/
57	((clot\$ or coagulat\$) adj3 (disease\$ or disorder\$ or condition\$ or excessive)).ti,ab.
58	(methylenetetrahydrofolate reductase or MTHFR or hypercoagulat\$).ti,ab.
59	or/25-39,42-45,48-58
60	and/16,20,24,59
61	exp CEREBRAL PALSY/ep, et, cn [Epidemiology, Etiology, Congenital Disorder]
62	60 or 61
63	limit 62 to (english language and yr="2000 - 2015")
64	conference abstract.pt.
65	letter.pt. or LETTER/
66	note.pt.
67	editorial.pt.
68	CASE REPORT/ or CASE STUDY/
69	(letter or comment* or abstracts).ti.
70	or/64-69
71	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
72	70 not 71
73	ANIMAL/ not HUMAN/
74	NONHUMAN/
75	exp ANIMAL EXPERIMENT/
76	exp EXPERIMENTAL ANIMAL/
77	ANIMAL MODEL/
78	exp RODENT/
79	(rat or rats or mouse or mice).ti.
80	or/72-79
81	63 not 80

1

## E.2.2 Causes of cerebral palsy

### E.2.13 Database: Medline

#	Searches
1	Cerebral Palsy/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	BRAIN/ab [Abnormalities]
6	BRAIN DISEASES/cn [Congenital]
7	((brain or cerebral) adj5 (abnormal adj3 development)).ti,ab.
8	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).ti,ab.
9	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).ti,ab.
10	CYTOMEGALOVIRUS INFECTIONS/cn [Congenital]
11	(congenital\$ adj3 (infect\$ or cytomegal\$)).ab,ti.

#	Searches
12	exp LEUKOENCEPHALOPATHIES/
13	leukoencephalopath\$.ti,ab.
14	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).ti,ab.
15	((white matter or myelin) adj3 (injur\$ or damag\$)).ti,ab.
16	exp LEUKOMALACIA, PERIVENTRICULAR/
17	(periventricular leuco?malacia or periventricular leukomalacia or PVL).ti,ab.
18	HYPOXIA-ISCHEMIA, BRAIN/
19	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).ti,ab.
20	(hypo?perfusion or hypo?perfusion).ti,ab.
21	exp STROKE/ and (PREGNANCY/ or exp INFANT, NEWBORN/)
22	(stroke and (peri?natal\$ or ante?natal\$)).ti,ab.
23	exp CEREBRAL HEMORRHAGE/
24	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).ti,ab.
25	exp BRAIN INJURIES/
26	(brain injur\$ or TBI).ti,ab.
27	exp PREGNANCY COMPLICATIONS, INFECTIOUS/
28	INFECTION/
29	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).ti,ab.
30	exp KERNICTERUS/
31	kernicterus.ti,ab.
32	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).ab,ti.
33	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
34	exp HYPOGLYCEMIA/ and exp INFANT, NEWBORN/
35	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
36	or/5-35
37	PREVALENCE/
38	INCIDENCE/
39	exp COHORT STUDIES/
40	CROSS-SECTIONAL STUDIES/
41	exp MODELS, STATISTICAL/
42	LIFE TABLES/
43	exp RISK/
44	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
45	or/37-44
46	predict.ti.
47	(validat\$ or rule\$).ti,ab.
48	(predict\$ and (outcome\$ or risk\$ or model\$)).ti,ab.
49	((history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$) and (predict\$ or model\$ or decision\$ or identif\$ or prognos\$)).ti,ab.
50	decision\$.ti,ab. and LOGISTIC MODELS/
51	(decision\$ and (model\$ or clinical\$)).ti,ab.
52	(prognostic and (history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$ or model\$)).ti,ab.
53	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
54	ROC CURVE/
55	or/46-54
56	(cause? or causal\$ or etiolog\$ or aetiolog\$).ab,ti.
57	45 or 55 or 56
58	4 and 36 and 57
59	*CEREBRAL PALSY/et [Etiology]
60	36 and 59
61	58 or 60
62	limit 61 to english language
63	limit 62 to yr="2000 -Current"
64	LETTER/
65	EDITORIAL/
66	NEWS/
67	exp HISTORICAL ARTICLE/
68	ANECDOTES AS TOPIC/
69	COMMENT/
70	CASE REPORT/
71	(letter or comment*).ti.
72	or/64-71
73	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
74	72 not 73
75	ANIMALS/ not HUMANS/
76	exp ANIMALS, LABORATORY/
77	exp ANIMAL EXPERIMENTATION/
78	exp MODELS, ANIMAL/



#	Searches
79	exp RODENTIA/
80	(rat or rats or mouse or mice).ti.
81	or/74-80
82	63 not 81

1

### E.2.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	((brain or cerebral) adj5 (abnormal adj3 development)).ti,ab.
5	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).ti,ab.
6	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).ti,ab.
7	(congenital\$ adj3 (infect\$ or cytomegal\$)).ab,ti.
8	leukoencephalopath\$.ti,ab.
9	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).ti,ab.
10	((white matter or myelin) adj3 (injur\$ or damag\$)).ti,ab.
11	(periventricular leuco?malacia or periventricular leukomalacia or PVL).ti,ab.
12	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).ti,ab.
13	(hypo?perfusion or hypo?perfusion).ti,ab.
14	(stroke and (peri?natal\$ or ante?natal\$)).ti,ab.
15	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).ti,ab.
16	(brain injur\$ or TBI).ti,ab.
17	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).ti,ab.
18	kernicterus.ti,ab.
19	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).ab,ti.
20	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
21	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
22	or/4-21
23	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
24	predict.ti.
25	(validat\$ or rule\$).ti,ab.
26	(predict\$ and (outcome\$ or risk\$ or model\$)).ti,ab.
27	((history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$) and (predict\$ or model\$ or decision\$ or identif\$ or prognos\$)).ti,ab.
28	(decision\$ and (model\$ or clinical\$)).ti,ab.
29	(prognostic and (history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$ or model\$)).ti,ab.
30	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
31	(cause? or causal\$ or etiolog\$ or aetiolog\$).ab,ti.
32	or/23-31
33	3 and 22 and 32
34	limit 33 to (english language and yr="2000 - 2015")

3

### E.2.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	Cerebral Palsy/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	BRAIN/ab [Abnormalities]
6	BRAIN DISEASES/cn [Congenital]
7	((brain or cerebral) adj5 (abnormal adj3 development)).ti,ab.
8	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).ti,ab.
9	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).ti,ab.
10	CYTOMEGALOVIRUS INFECTIONS/cn [Congenital]
11	(congenital\$ adj3 (infect\$ or cytomegal\$)).ab,ti.
12	exp LEUKOENCEPHALOPATHIES/
13	leukoencephalopath\$.ti,ab,kw.
14	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).ti,ab.
15	((white matter or myelin) adj3 (injur\$ or damag\$)).ti,ab.
16	exp LEUKOMALACIA, PERIVENTRICULAR/
17	(periventricular leuco?malacia or periventricular leukomalacia or PVL).ti,ab,kw.

#	Searches
18	HYPOXIA-ISCHEMIA, BRAIN/
19	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).ti,ab,kw.
20	(hypo?perfusion or hypo?perfusion).ti,ab.
21	exp STROKE/ and (PREGNANCY/ or exp INFANT, NEWBORN/)
22	(stroke and (peri?natal\$ or ante?natal\$)).ti,ab,kw.
23	exp CEREBRAL HEMORRHAGE/
24	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).ti,ab,kw.
25	exp BRAIN INJURIES/
26	(brain injur\$ or TBI).ti,ab,kw.
27	exp PREGNANCY COMPLICATIONS, INFECTIOUS/
28	INFECTION/
29	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).ti,ab.
30	exp KERNICTERUS/
31	kernicterus.ti,ab,kw.
32	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).ab,ti.
33	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
34	exp HYPOGLYCEMIA/ and exp INFANT, NEWBORN/
35	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
36	or/5-35
37	4 and 36
38	limit 37 to english language
39	limit 38 to yr="2000 - 2015"

1

### E.2.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	Cerebral Palsy.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys?s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	BRAIN.kw.
6	BRAIN DISEASES.kw.
7	((brain or cerebral) adj5 (abnormal adj3 development)).tw,tx.
8	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).tw,tx.
9	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).tw,tx.
10	CYTOMEGALOVIRUS INFECTIONS.kw.
11	(congenital\$ adj3 (infect\$ or cytomegal\$)).tw,tx.
12	LEUKOENCEPHALOPATHIES.kw.
13	leukoencephalopath\$.tw,tx.
14	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).tw,tx.
15	((white matter or myelin) adj3 (injur\$ or damag\$)).tw,tx.
16	LEUKOMALACIA.kw.
17	(periventricular leuco?malacia or periventricular leukomalacia or PVL).tw,tx.
18	HYPOXIA-ISCHEMIA.kw.
19	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).tw,tx.
20	(hypo?perfusion or hypo?perfusion).tw,tx.
21	(STROKE and (PREGNANCY or INFANT or NEWBORN)).kw.
22	(stroke and (peri?natal\$ or ante?natal\$)).tw,tx.
23	CEREBRAL HEMORRHAGE.kw.
24	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).tw,tx.
25	BRAIN INJURIES.kw.
26	(brain injur\$ or TBI).tw,tx.
27	PREGNANCY COMPLICATIONS.kw.
28	INFECTION.kw.
29	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).tw,tx.
30	KERNICTERUS.kw.
31	kernicterus.tw,tx.
32	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).tw,tx.
33	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).tw,tx.
34	(HYPOGLYCEMIA and (INFANT or NEWBORN)).kw.
35	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).tw,tx.
36	or/5-35
37	PREVALENCE.kw.
38	INCIDENCE.kw.
39	MODELS.kw.

#	Searches
40	STATISTIC\$.kw.
41	LIFE TABLES.tw.
42	RISK.tw.
43	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).tw,tx.
44	predict.tw,tx.
45	(validat\$ or rule\$).tw,tx.
46	((history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$) and (predict\$ or model\$ or decision\$ or identif\$ or prognos\$)).tw,tx.
47	LOGISTIC MODELS.kw.
48	(decision\$ and (model\$ or clinical\$)).tw,tx.
49	(prognostic and (history or variable\$ or criteria or scor\$ or characteristic\$ or finding\$ or factor\$ or model\$)).tw,tx.
50	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).tw,tx.
51	ROC CURVE.kw.
52	(cause? or causal\$ or etiolog\$ or aetiolog\$).tw,tx.
53	or/37-52
54	4 and 36 and 53

1

### E.2.52 Database: Health Technology Assessments

#	Searches
1	Cerebral Palsy/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,tw.
3	little? disease.ti,tw.
4	or/1-3
5	BRAIN/ab [Abnormalities]
6	BRAIN DISEASES/cn [Congenital]
7	((brain or cerebral) adj5 (abnormal adj3 development)).ti,tw.
8	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).ti,tw.
9	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).ti,tw.
10	CYTOMEGALOVIRUS INFECTIONS/cn [Congenital]
11	(congenital\$ adj3 (infect\$ or cytomegal\$)).ti,tw.
12	exp LEUKOENCEPHALOPATHIES/
13	leukoencephalopath\$.ti,tw.
14	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).ti,tw.
15	((white matter or myelin) adj3 (injur\$ or damag\$)).ti,tw.
16	exp LEUKOMALACIA, PERIVENTRICULAR/
17	(periventricular leuco?malacia or periventricular leukomalacia or PVL).ti,tw.
18	HYPOXIA-ISCHEMIA, BRAIN/
19	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).ti,tw.
20	(hypo?perfusion or hypo?perfusion).ti,tw.
21	exp STROKE/ and (PREGNANCY/ or exp INFANT, NEWBORN/)
22	(stroke and (peri?natal\$ or ante?natal\$)).ti,tw.
23	exp CEREBRAL HEMORRHAGE/
24	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).ti,tw.
25	exp BRAIN INJURIES/
26	(brain injur\$ or TBI).ti,tw.
27	exp PREGNANCY COMPLICATIONS, INFECTIOUS/
28	INFECTION/
29	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).ti,tw.
30	exp KERNICTERUS/
31	kernicterus.ti,tw.
32	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).ti,tw.
33	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,tw.
34	exp HYPOGLYCEMIA/ and exp INFANT, NEWBORN/
35	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,tw.
36	or/5-35

3

### E.2.64 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3

#	Searches
5	(*BRAIN/ or *WHITE MATTER/) and (*INFANT/ or *BABY/ or *HIGH RISK INFANT/ or *HOSPITALIZED INFANT/ or *NEWBORN/)
6	*BRAIN DISEASE/cn [Congenital Disorder]
7	((brain or cerebral) adj5 (abnormal adj3 development)).ti,ab.
8	((brain or cerebral) adj3 (mal?formation? or mal?development or disorder? or dysgenesis)).ti,ab.
9	((cortical or cerebral cortex or gyri or sulc?i) adj3 (fold\$ or mal?formation? or mal?development)).ti,ab.
10	*CYTOMEGALOVIRUS INFECTION/cn [Congenital Disorder]
11	(congenital\$ adj3 (infect\$ or cytomegal\$)).ab,ti.
12	*LEUKOENCEPHALOPATHY/
13	leukoencephalopath\$.ti,ab.
14	((white matter or myelin) adj3 (cytokine\$ or inflammat\$)).ti,ab.
15	((white matter or myelin) adj3 (injur\$ or damag\$)).ti,ab.
16	*ENCEPHALOMALACIA/
17	(periventricular leuco?malacia or periventricular leukomalacia or PVL).ti,ab.
18	*HYPOXIC ISCHEMIC ENCEPHALOPATHY/
19	((hypoxic-ischemia or hypoxia-ischemia or hypox? ischemia or asphyx?) and (brain or cerebral)).ti,ab.
20	(hypo?perfusion or hypo?perfusion).ti,ab.
21	*CEREBROVASCULAR ACCIDENT/ and (*PREGNANCY/ or *INFANT/ or *BABY/ or *HIGH RISK INFANT/ or *HOSPITALIZED INFANT/ or *NEWBORN/)
22	(stroke and (peri?natal\$ or ante?natal\$)).ti,ab.
23	*BRAIN HEMORRHAGE/ and (*INFANT/ or *BABY/ or *HIGH RISK INFANT/ or *HOSPITALIZED INFANT/ or *NEWBORN/)
24	((intra?ventricular or cerebral or intra?cranial or brain) adj3 h?emorrhage?).ti,ab.
25	*BRAIN INJURY/ or *ACQUIRED BRAIN INJURY/ or *BRAIN DAMAGE/ or *SHAKEN BABY SYNDROME/ or *TRAUMATIC BRAIN INJURY/
26	(brain injur\$ or TBI).ti,ab.
27	*PREGNANCY COMPLICATIONS/ or *INTRAUTERINE INFECTION/
28	*INFECTION COMPLICATION/ and (*PREGNANCY/ or *INFANT/ or *BABY/ or *HIGH RISK INFANT/ or *HOSPITALIZED INFANT/ or *NEWBORN/)
29	INFECTION/co [Congenital Disorder]
30	((congenital\$ or intra?uterine or prenatal\$ or neonat\$ or perinatal\$ or antenatal\$ or newborn? or infant? or baby or babies) adj3 (infect\$ or seps?s or septic?emia? or fever?)).ti,ab.
31	*KERNICTERUS/
32	kernicterus.ti,ab.
33	(encephalopath\$ adj3 (Bilirubin or hyperbilirubinemic)).ab,ti.
34	(encephalopath\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
35	*HYPOGLYCEMIA/ and (*INFANT/ or *BABY/ or *HIGH RISK INFANT/ or *HOSPITALIZED INFANT/ or *NEWBORN/)
36	*"PERSISTENT HYPERINSULINEMIC HYPOGLYCEMIA OF INFANCY"/
37	(hypoglyc?emi\$ adj3 (neonat\$ or newborn? or infant? or baby or babies)).ti,ab.
38	or/5-37
39	PREVALENCE/
40	INCIDENCE/
41	STATISTICAL MODEL/
42	LIFE TABLE/
43	exp RISK/
44	(prevalen\$ or incidence? or model\$ or risk\$ or rate?).ti.
45	or/39-44
46	predict.ti.
47	(validat* or rule*).ti,ab.
48	(predict* and (outcome* or risk* or model*)).ti,ab.
49	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
50	decision*.ti,ab. and STATISTICAL MODEL/
51	(decision* and (model* or clinical*)).ti,ab.
52	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
53	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
54	RECEIVER OPERATING CHARACTERISTIC/
55	or/46-54
56	(cause? or causal\$ or etiolog\$ or aetiolog\$).ab,ti.
57	45 or 55 or 56
58	4 and 38 and 57
59	*CEREBRAL PALSY/et [Etiology]
60	38 and 59
61	58 or 60
62	letter.pt. or LETTER/
63	note.pt.
64	editorial.pt.
65	CASE REPORT/ or CASE STUDY/
66	(letter or comment*).ti.
67	or/62-66

#	Searches
68	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
69	67 not 68
70	ANIMAL/ not HUMAN/
71	NONHUMAN/
72	exp ANIMAL EXPERIMENT/
73	exp EXPERIMENTAL ANIMAL/
74	ANIMAL MODEL/
75	exp RODENT/
76	(rat or rats or mouse or mice).ti.
77	or/69-76
78	61 not 77
79	limit 78 to english language
80	limit 79 to yr="2000 - 2015"

## E.3.1 Clinical and developmental manifestations of cerebral palsy

### E.3.1.3 Database: Medline

#	Searches
1	exp CHILD/
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
5	exp PEDIATRICS/
6	(p?ediatric\$ or prepubert\$ or prepubescen\$).ti,ab,jw.
7	1 or 2 or 3 or 4 or 5 or 6
8	CEREBRAL PALSY/
9	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
10	little? disease.ti,ab.
11	8 or 9 or 10
12	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
13	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
14	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
15	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
16	exp Muscle Hypertonia/ or Muscle Hypotonia/
17	(musc\$ adj2 (spastic\$ or spasm\$)).ti,ab.
18	(hyperton\$ or hypoton\$).ti,ab.
19	((abnormal\$ or involuntar\$) adj2 mov\$).ti,ab.
20	((abnormal\$ or tone?) adj2 muscle?).ab,ti.
21	(tone? adj2 (low or high)).ab,ti.
22	(stiff or floppy).ab,ti.
23	Gait Disorders, Neurologic/
24	Gait Ataxia/
25	Equinus Deformity/
26	equinus.ab,ti.
27	(toe? adj2 walk\$).ab,ti.
28	Child Development/
29	(motor adj2 milestone?).ab,ti.
30	(sit or sits or sitting).ab,ti.
31	walking/
32	walk\$.ab,ti.
33	MOTOR SKILLS/ or MOTOR DISORDERS/
34	MOTOR SKILLS DISORDERS/
35	MOVEMENT DISORDERS/
36	(motor adj3 (disorder? or problem?)).ti,ab.
37	or/12-36
38	exp "SIGNS and SYMPTOMS"/
39	(sign? or symptom\$ or complain\$).ti,ab.
40	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
41	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
42	presentation?.ti,ab.
43	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
44	38 or 39 or 40 or 41 or 42 or 43
45	37 or 44
46	exp "SENSITIVITY AND SPECIFICITY"/
47	(sensivity or specificity).ti,ab.

#	Searches
48	((pre test or pretest or post test or posttest) adj probability).ti,ab.
49	(predictive value\$ or PPV or NPV).ti,ab.
50	likelihood ratio\$.ti,ab.
51	LIKELIHOOD FUNCTIONS/
52	(ROC curve\$ or AUC).ti,ab.
53	diagnos\$.ti.
54	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
55	gold standard.ab.
56	di.fs.
57	46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56
58	and/7,11,37,45,57
59	*Cerebral Palsy/di [Diagnosis]
60	58 or 59
61	limit 60 to english language
62	LETTER/
63	EDITORIAL/
64	NEWS/
65	exp HISTORICAL ARTICLE/
66	ANECDOTES AS TOPIC/
67	COMMENT/
68	CASE REPORT/
69	(letter or comment* or abstracts).ti.
70	or/62-69
71	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
72	70 not 71
73	ANIMALS/ not HUMANS/
74	exp ANIMALS, LABORATORY/
75	exp ANIMAL EXPERIMENTATION/
76	exp MODELS, ANIMAL/
77	exp RODENTIA/
78	(rat or rats or mouse or mice).ti.
79	or/72-78
80	61 not 79

1

### E.3.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw.
2	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw.
3	(p?ediatric\$ or prepubert\$ or prepubescen\$).ti,ab,jw.
4	1 or 2 or 3
5	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
6	little? disease.ti,ab.
7	5 or 6
8	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
9	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
10	(musc\$ adj2 (spastic\$ or spasm\$)).ti,ab.
11	(hyperton\$ or hypoton\$).ti,ab.
12	((abnormal\$ or involuntar\$) adj2 mov\$).ti,ab.
13	((abnormal\$ or tone?) adj2 muscle?).ab,ti.
14	(tone? adj2 (low or high)).ab,ti.
15	(stiff or floppy).ab,ti.
16	equinus.ab,ti.
17	(toe? adj2 walk\$).ab,ti.
18	(motor adj2 milestone?).ab,ti.
19	(sit or sits or sitting).ab,ti.
20	walk\$.ab,ti.
21	(motor adj3 (disorder? or problem?)).ti,ab.
22	8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21
23	(sign? or symptom\$ or complain\$).ti,ab.
24	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
25	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
26	presentation?.ti,ab.
27	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
28	23 or 24 or 25 or 26 or 27
29	(sensitivity or specificity).ti,ab.
30	((pre test or pretest or post test or posttest) adj probability).ti,ab.

#	Searches
31	(predictive value\$ or PPV or NPV).ti,ab.
32	likelihood ratio\$.ti,ab.
33	(ROC curve\$ or AUC).ti,ab.
34	diagnos\$.ti.
35	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
36	gold standard.ab.
37	di.fs.
38	29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37
39	4 and 7 and 22 and 28 and 38

1

### E.3.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CHILD.hw.
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab.
3	INFANT.hw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab.
5	PEDIATRICS.hw.
6	(p?ediatric\$ or prepubert\$ or prepubescen\$).ti,ab.
7	1 or 2 or 3 or 4 or 5 or 6
8	CEREBRAL PALSY.hw.
9	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
10	little? disease.ti,ab.
11	8 or 9 or 10
12	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
13	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
14	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
15	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
16	exp Muscle Hypertonia/ or Muscle Hypotonia/
17	(musc\$ adj2 (spastic\$ or spasm\$)).ti,ab.
18	(hyperton\$ or hypoton\$).ti,ab.
19	((abnormal\$ or involuntar\$) adj2 mov\$).ti,ab.
20	((abnormal\$ or tone?) adj2 muscle?).ti,ab.
21	(tone? adj2 (low or high)).ti,ab.
22	(stiff or floppy).ti,ab.
23	Gait Disorders, Neurologic/
24	Gait Ataxia/
25	Equinus Deformity/
26	equinus.ti,ab.
27	(toe? adj2 walk\$).ti,ab.
28	Child Development.hw.
29	(motor adj2 milestone?).ti,ab.
30	(sit or sits or sitting).ti,ab.
31	Walking.hw.
32	walk\$.ti,ab.
33	(MOTOR SKILLS or MOTOR DISORDERS).hw.
34	MOTOR SKILLS DISORDERS.hw.
35	MOVEMENT DISORDERS.hw.
36	(motor adj3 (disorder? or problem?)).ti,ab.
37	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36
38	exp "SIGNS and SYMPTOMS"/
39	(sign? or symptom\$ or complain\$).ti,ab.
40	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
41	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
42	presentation?.ti,ab.
43	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
44	38 or 39 or 40 or 41 or 42 or 43
45	exp "SENSITIVITY AND SPECIFICITY"/
46	(sensivity or specificity).ti,ab.
47	((pre test or pretest or post test or posttest) adj probability).ti,ab.
48	(predictive value\$ or PPV or NPV).ti,ab.
49	likelihood ratio\$.ti,ab.
50	LIKELIHOOD FUNCTIONS.hw.
51	(ROC curve\$ or AUC).ti,ab.
52	diagnos\$.ti.
53	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.

#	Searches
54	gold standard.ti,ab.
55	di.fs.
56	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55
57	7 and 11 and 37 and 44 and 56

1

### E.3.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CHILD.kw.
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx.
3	(INFANT or NEWBORN).kw.
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx.
5	PEDIATRIC?.kw.
6	(p?ediatric\$ or prepubert\$ or prepubescen\$).tw,tx.
7	1 or 2 or 3 or 4 or 5 or 6
8	CEREBRAL PALSY.kw.
9	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw,tx.
10	little? disease.tw,tx.
11	8 or 9 or 10
12	(BEHAVIOR or IRRITABLE MOOD or IRRITABILITY or CRYING).kw.
13	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw,tx.
14	(FEEDING BEHAVIOR or SUCKING BEHAVIOR or SUCKING).kw.
15	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).tw,tx.
16	(Muscle Hypertonia or Muscle Hypotonia).kw.
17	(musc\$ adj2 (spastic\$ or spasm\$)).tw,tx.
18	(hyperton\$ or hypoton\$).tw,tx.
19	((abnormal\$ or involuntar\$) adj2 mov\$).tw,tx.
20	((abnormal\$ or tone?) adj2 muscle?).tw,tx.
21	(tone? adj2 (low or high)).tw,tx.
22	(stiff or floppy).tw,tx.
23	(Gait Disorders, Neurologic or NEUROLOGIC GATE DISORDER).kw.
24	(Gait Ataxia or ATAXIC GATE).kw.
25	(Equinus Deformity or PES EQUINIS).kw.
26	equinus.tw,tx.
27	(toe? adj2 walk\$).tw,tx.
28	Child Development.kw.
29	(motor adj2 milestone?).tw,tx.
30	(sit or sits or sitting).tw,tx.
31	walking.kw.
32	walk\$.tw,tx.
33	(MOTOR SKILLS or MOTOR PERFORMANCE or MOTOR DISORDERS).kw.
34	(MOTOR SKILLS DISORDERS or PSYCHOMOTOR DISORDER).kw.
35	(MOVEMENT DISORDERS or MOTOR DYSFUNCTION).kw.
36	(motor adj3 (disorder? or problem?)).tw,tx.
37	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36
38	("SIGNS and SYMPTOMS" or SYMPTOMATOLOGY or PHYSICAL DISEASE BY BODY FUNCTION).kw.
39	(sign? or symptom\$ or complain\$).tw,tx.
40	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).tw,tx.
41	(presenting adj3 (feature? or finding? or factor?)).tw,tx.
42	presentation?.tw,tx.
43	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw,tx.
44	38 or 39 or 40 or 41 or 42 or 43
45	"SENSITIVITY AND SPECIFICITY".kw.
46	(sensitivity or specificity).tw,tx.
47	((pre test or pretest or post test or posttest) adj probability).tw,tx.
48	(predictive value\$ or PPV or NPV).tw,tx.
49	likelihood ratio\$.tw,tx.
50	(LIKELIHOOD FUNCTIONS or STATISTICAL MODEL).kw.
51	(ROC curve\$ or AUC).tw,tx.
52	diagnos\$.ti.
53	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).tw,tx.
54	gold standard.ab.
55	(DIAGNOSTIC ACCURACY or DIAGNOSTIC TEST ACCURACY STUDY).kw.
56	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55
57	7 and 11 and 37 and 44 and 56



1

### E.3.52 Database: Health Technology Assessments

#	Searches
1	exp CHILD/
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw.
3	exp INFANT/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw.
5	exp PEDIATRICS/
6	(p?ediatric\$ or prepubert\$ or prepubescen\$).tw.
7	1 or 2 or 3 or 4 or 5 or 6
8	CEREBRAL PALSY/
9	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
10	little? disease.tw.
11	8 or 9 or 10
12	exp BEHAVIOR/ or IRRITABLE MOOD/ or CRYING/
13	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).tw.
14	FEEDING BEHAVIOR/ or SUCKING BEHAVIOR/
15	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).tw.
16	exp Muscle Hypertonia/ or Muscle Hypotonia/
17	(muscl\$ adj2 (spastic\$ or spasm\$)).tw.
18	(hyperton\$ or hypoton\$).tw.
19	((abnormal\$ or involuntar\$) adj2 mov\$).tw.
20	((abnormal\$ or tone?) adj2 muscle\$).tw.
21	(tone? adj2 (low or high)).tw.
22	(stiff or floppy).tw.
23	Gait Disorders, Neurologic/
24	Gait Ataxia/
25	Equinus Deformity/
26	equinus.tw.
27	(toe? adj2 walk\$).tw.
28	Child Development/
29	(motor adj2 milestone?).tw.
30	(sit or sits or sitting).tw.
31	walking/
32	walk\$.tw.
33	MOTOR SKILLS/ or MOTOR DISORDERS/
34	MOTOR SKILLS DISORDERS/
35	MOVEMENT DISORDERS/
36	(motor adj3 (disorder? or problem?)).tw.
37	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36
38	exp "SIGNS and SYMPTOMS"/
39	(sign? or symptom\$ or complain\$).tw.
40	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).tw.
41	(presenting adj3 (feature? or finding? or factor?)).tw.
42	presentation?.tw.
43	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw.
44	38 or 39 or 40 or 41 or 42 or 43
45	exp "SENSITIVITY AND SPECIFICITY"/
46	(sensitivity or specificity).tw.
47	((pre test or pretest or post test or posttest) adj probability).tw.
48	(predictive value\$ or PPV or NPV).tw.
49	likelihood ratio\$.tw.
50	LIKELIHOOD FUNCTIONS/
51	(ROC curve\$ or AUC).tw.
52	diagnos\$.ti.
53	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).tw.
54	gold standard.tw.
55	di.fs.
56	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55
57	7 and 11 and 37 and 44 and 56

3

### E.3.64 Database: Embase

#	Searches
1	exp CHILD/

#	Searches
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
3	exp NEWBORN/
4	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
5	exp PEDIATRICS/
6	(p?ediatic\$ or prepubert\$ or prepubescen\$).ti,ab,jx.
7	1 or 2 or 3 or 4 or 5 or 6
8	CEREBRAL PALSY/
9	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
10	little? disease.ti,ab.
11	8 or 9 or 10
12	exp BEHAVIOR/ or IRRITABILITY/ or CRYING/
13	(behav\$ or respon\$ or non?respon\$ or cry\$ or cries or irritab\$).ti,ab.
14	FEEDING BEHAVIOR/ or SUCKING/
15	((able or unable or abilit\$ or inabilit\$ or difficult\$) adj3 (feed\$ or breastfeed\$ or fed or breastfed\$ or suck\$)).ti,ab.
16	exp Muscle Hypertonia/ or exp Muscle Hypotonia/
17	(musc\$ adj2 (spastic\$ or spasm\$)).ti,ab.
18	(hyperton\$ or hypoton\$).ti,ab.
19	((abnormal\$ or involuntar\$) adj2 mov\$).ti,ab.
20	((abnormal\$ or tone?) adj2 muscle?).ab,ti.
21	(tone? adj2 (low or high)).ab,ti.
22	(stiff or floppy).ab,ti.
23	Neurologic Gait Disorder/
24	Ataxic Gait/
25	Pes Equinus/
26	equinus.ab,ti.
27	(toe? adj2 walk\$).ab,ti.
28	Child Development/
29	(motor adj2 milestone?).ab,ti.
30	(sit or sits or sitting).ab,ti.
31	walking/
32	walk\$.ab,ti.
33	MOTOR PERFORMANCE/
34	PSYCHOMOTOR DISORDER/
35	MOTOR DYSFUNCTION/
36	(motor adj3 (disorder? or problem?)).ti,ab.
37	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36
38	exp *SYMPTOMATOLOGY/ or exp *PHYSICAL DISEASE BY BODY FUNCTION/
39	(sign? or symptom\$ or complain\$).ti,ab.
40	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
41	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
42	presentation?.ti,ab.
43	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
44	38 or 39 or 40 or 41 or 42 or 43
45	"SENSITIVITY AND SPECIFICITY"/
46	(sensitivity or specificity).ti,ab.
47	((pre test or pretest or post test or posttest) adj probability).ti,ab.
48	(predictive value\$ or PPV or NPV).ti,ab.
49	likelihood ratio\$.ti,ab.
50	statistical model/
51	(ROC curve\$ or AUC).ti,ab.
52	diagnos\$.ti.
53	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
54	gold standard.ab.
55	*DIAGNOSTIC ACCURACY/ or DIAGNOSTIC TEST ACCURACY STUDY/
56	di.fs.
57	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56
58	7 and 11 and 37 and 44 and 57
59	*Cerebral Palsy/di [Diagnosis]
60	58 or 59
61	limit 60 to english language
62	conference abstract.pt.
63	letter.pt. or LETTER/
64	note.pt.
65	editorial.pt.
66	CASE REPORT/ or CASE STUDY/
67	(letter or comment* or abstracts).ti.
68	or/62-67
69	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.

#	Searches
70	68 not 69
71	ANIMAL/ not HUMAN/
72	NONHUMAN/
73	exp ANIMAL EXPERIMENT/
74	exp EXPERIMENTAL ANIMAL/
75	ANIMAL MODEL/
76	exp RODENT/
77	(rat or rats or mouse or mice).ti.
78	or/70-77
79	61 not 78

## E.4.1 Red flags for other neurological disorders

### E.4.1.2 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp NEURODEGENERATIVE DISEASES/
6	((neurologic or neuromuscular or nervous system) adj1 (degenerative or progressive) adj (disease? or disorder?)).ti,ab.
7	(neurodegenerative adj (disease? or disorder?)).ti,ab.
8	exp HEREDITARY CENTRAL NERVOUS SYSTEM DEMYELINATING DISEASES/
9	exp MITOCHONDRIAL DISEASES/
10	(leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or andrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$).ti,ab.
11	(demyelin\$ adj (disease? or disorder?)).ti,ab.
12	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).ti,ab.
13	mitochondriopath\$.ti,ab.
14	exp MUSCULAR ATROPHY, SPINAL/
15	exp MUSCULAR DYSTROPHIES/
16	((spine or spinal or myelopath\$ neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).ti,ab.
17	SMA.ti,ab.
18	((motor or spinal or bulbospinal) adj3 neuronopath\$).ti,ab.
19	(muscular dystroph\$ or myodystroph\$ or myopath\$).ti,ab.
20	exp NEOPLASMS/
21	(tumo?r\$ or neoplas\$ or cancer\$).ti,ab.
22	exp GENETIC DISEASES, INBORN/
23	exp CHROMOSOME ABERRATIONS/
24	SPASTIC PARAPLEGIA, HEREDITARY/
25	exp DYSTONIC DISORDERS/
26	RETT SYNDROME/
27	((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).ti,ab.
28	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).ti,ab.
29	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).ti,ab.
30	(spastic paraplegia adj2 (type 2 or type two or type II)).ti,ab.
31	(Charcot Marie Tooth disease or CMT or HMSN).ti,ab.
32	((progressive or degenerative) adj2 dystoni\$).ti,ab.
33	(Rett? adj (syndrome or disease or disorder or morbus)).ti,ab.
34	exp SPINAL CORD DISEASES/
35	exp NEURAL TUBE DEFECTS/
36	myelopath\$.ti,ab.
37	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).ti,ab.
38	or/5-37
39	exp COMMUNICATION DISORDERS/
40	exp VISION DISORDERS/
41	MOTOR SKILLS/
42	MOTOR SKILLS DISORDERS/
43	MOVEMENT DISORDERS/
44	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).ti,ab.
45	RISK FACTORS/
46	MEDICAL HISTORY TAKING/
47	(family history or medical history or anamnesis or risk factor?).ti,ab.
48	MUSCULAR ATROPHY/
49	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$.ti,ab.

#	Searches
50	(myoatroph\$ or myodegenerat\$).ti,ab.
51	or/39-50
52	exp "SIGNS and SYMPTOMS"/
53	(sign? or symptom\$ or complain\$).ti,ab.
54	(clinical adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
55	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
56	presentation?.ti,ab.
57	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
58	((ill or sick) adj3 (looking or appearance)).ti,ab.
59	unwell.ti,ab.
60	or/52-59
61	exp "SENSITIVITY AND SPECIFICITY"/
62	(sensitivity or specificity).ti,ab.
63	((pre test or pretest or post test or posttest) adj probability).ti,ab.
64	(predictive value\$ or PPV or NPV).ti,ab.
65	likelihood ratio\$.ti,ab.
66	LIKELIHOOD FUNCTIONS/
67	(ROC curve\$ or AUC).ti,ab.
68	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
69	gold standard.ab.
70	di.xs.
71	or/61-70
72	DIAGNOSIS, DIFFERENTIAL/
73	(diagnos\$ or differentia\$).ti.
74	di.fs. [Diagnosis]
75	or/72-74
76	and/4,38,75
77	and/4,38,51
78	and/4,38,60,71
79	CEREBRAL PALSY/ and DIAGNOSIS, DIFFERENTIAL/
80	or/76-79
81	limit 80 to english language
82	LETTER/
83	EDITORIAL/
84	NEWS/
85	exp HISTORICAL ARTICLE/
86	ANECDOTES AS TOPIC/
87	COMMENT/
88	(letter or comment* or abstracts).ti.
89	or/82-88
90	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
91	89 not 90
92	ANIMALS/ not HUMANS/
93	exp ANIMALS, LABORATORY/
94	exp ANIMAL EXPERIMENTATION/
95	exp MODELS, ANIMAL/
96	exp RODENTIA/
97	(rat or rats or mouse or mice).ti.
98	or/91-97
99	81 not 98

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#### E.4.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(neurodegenerative adj (disease? or disorder?)).ti,ab.
5	(leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or adrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$).ti,ab.
6	(demyelin\$ adj (disease? or disorder?)).ti,ab.
7	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).ti,ab.
8	mitochondriopath\$.ti,ab.
9	((spine or spinal or myelopath\$ or neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).ti,ab.
10	SMA.ti,ab.
11	((motor or spinal or bulbospinal) adj3 neuronopath\$).ti,ab.
12	(muscular dystroph\$ or myodystroph\$ or myopath\$).ti,ab.

#	Searches
13	(tumo?r\$ or neoplas\$ or cancer\$).ti,ab.
14	((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).ti,ab.
15	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).ti,ab.
16	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).ti,ab.
17	(spastic parap\$ adj2 (type 2 or type two or type II)).ti,ab.
18	(Charcot Marie Tooth disease or CMT or HMSN).ti,ab.
19	((progressive or degenerative) adj2 dystoni\$).ti,ab.
20	(Rett? adj (syndrome or disease or disorder or morbus)).ti,ab.
21	myelopath\$.ti,ab.
22	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).ti,ab.
23	or/4-22
24	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).ti,ab.
25	(family history or medical history or anamnesis).ti,ab.
26	((lack\$ or no) adj3 risk factor? adj3 (cerebral pals\$ or CP)).ti,ab.
27	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$).ti,ab.
28	(myoatroph\$ or myodegenerat\$).ti,ab.
29	or/24-28
30	(sign? or symptom\$ or complain\$).ti,ab.
31	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
32	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
33	presentation?.ti,ab.
34	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
35	red flag?.ti,ab.
36	or/30-35
37	(differentia\$ or misdiagnos\$).ti,ab.
38	(diagnos\$ adj2 (delay\$ or mistake\$ or error\$ or incorrect\$ or discriminat\$)).ti,ab.
39	or/37-38
40	(prevalen\$ or incidence? or model\$ or cohort? or cross sectional).ti,ab.
41	3 and 23 and (29 or 36) and 39
42	3 and 23 and 40
43	or/41-42

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#### E.4.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY.hw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp NEURODEGENERATIVE DISEASES/ DEGENERATIVE DISEASE.hw.
7	((neurologic or neuromuscular or nervous system) adj2 (degenerative or progressive) adj2 (disease? or disorder?)).ti,ab.
8	(neurodegenerative adj (disease? or disorder?)).ti,ab,hw.
9	exp HEREDITARY CENTRAL NERVOUS SYSTEM DEMYELINATING DISEASES/ exp MITOCHONDRIAL DISEASES/ (leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or adrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$).ti,ab.
12	(demyelin\$ adj (disease? or disorder?)).ti,ab,hw.
13	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).ti,ab,hw.
14	mitochondriopath\$.ti,ab.
15	exp MUSCULAR ATROPHY, SPINAL/ exp MUSCULAR DYSTROPHIES/ ((spine or spinal or myelopath\$ or neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).ti,ab,hw.
18	SMA.ti,ab.
19	((motor or spinal or bulbospinal) adj3 neuronopath\$).ti,ab.
20	(muscular dystroph\$ or myodystroph\$ or myopath\$).ti,ab,hw.
21	exp NEOPLASMS/ (tumo?r\$ or neoplas\$ or cancer\$).ti,ab,hw.
23	exp GENETIC DISEASES, INBORN/ exp CHROMOSOME ABERRATIONS/ SPASTIC PARAPLEGIA, HEREDITARY/ exp DYSTONIC DISORDERS/ DYSTONIC DISORDER.hw.
28	RETT SYNDROME/ ((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).ti,ab,hw.

#	Searches
30	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).ti,ab.
31	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).ti,ab,hw.
32	(spastic parap\$ adj2 (type 2 or type two or type II)).ti,ab.
33	(Charcot Marie Tooth disease or CMT or HMSN).ti,ab.
34	((progressive or degenerative) adj2 dystoni\$).ti,ab.
35	(Rett? adj (syndrome or disease or disorder or morbus)).ti,ab,hw.
36	exp SPINAL CORD DISEASES/
37	exp NEURAL TUBE DEFECTS/
38	myelopath\$.ti,ab.
39	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).ti,ab,hw.
40	or/5-39
41	exp COMMUNICATION DISORDERS/
42	COMMUNICATION DISORDER.hw.
43	exp VISION DISORDERS/
44	VISUAL DISORDER.hw.
45	MOTOR SKILLS/
46	MOTOR PERFORMANCE.hw.
47	MOTOR SKILLS DISORDERS/
48	PSYCHOMOTOR DISORDER.hw.
49	MOVEMENT DISORDERS/
50	MOTOR DYSFUNCTION.hw.
51	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).ti,ab.
52	MEDICAL HISTORY TAKING/
53	(family history or medical history or anamnesis).ti,ab,hw.
54	(lack\$ adj3 risk factor? adj3 (cerebral pals\$ or CP)).ti,ab.
55	("no risk factor?" adj3 (cerebral pals\$ or CP)).ti,ab.
56	MUSCULAR ATROPHY/
57	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$).ti,ab,hw.
58	(myoatroph\$ or myodegenerat\$).ti,ab.
59	or/41-58
60	exp "SIGNS and SYMPTOMS"/
61	(SYMPTOMATOLOGY or "PHYSICAL DISEASE BY BODY FUNCTION").hw.
62	(sign? or symptom\$ or complain\$).ti,ab.
63	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
64	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
65	presentation?.ti,ab.
66	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
67	red flag?.ti,ab.
68	or/60-67
69	DIAGNOSIS, DIFFERENTIAL/ or DELAYED DIAGNOSIS/ or DIAGNOSTIC ERRORS/
70	(DIAGNOSIS or DIAGNOSTIC ERROR).hw.
71	(differentia\$ or misdiagnos\$).ti,ab.
72	(diagnos\$ adj2 (delay\$ or mistake\$ or error\$ or incorrect\$ or discriminat\$)).ti,ab.
73	di.fs. [Diagnosis]
74	or/69-73
75	PREVALENCE/
76	INCIDENCE/
77	exp COHORT STUDIES/
78	LONGITUDINAL STUDY.hw.
79	CROSS-SECTIONAL STUDIES/
80	exp MODELS, STATISTICAL/
81	LIFE TABLES/
82	LIFE TABLE.hw.
83	(prevalen\$ or incidence? or model\$ or cohort? or cross sectional).ti,hw.
84	or/75-83
85	4 and 40 and (59 or 68) and 74
86	4 and 40 and 84
87	4 and (5 or 9 or 10 or 15 or 16 or 21 or 23 or 24 or 25 or 26 or 28 or 36 or 37) and ep.fs. [Epidemiology]
88	CEREBRAL PALSY/ and (DIAGNOSIS, DIFFERENTIAL/ or DIAGNOSTIC ERRORS/)
89	(CEREBRAL PALSY and (DIAGNOSIS, DIFFERENTIAL or DIFFERENTIAL DIAGNOSIS or DIAGNOSTIC ERROR?)).hw.
90	or/85-89

## E.4.41 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 2 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	(NEURODEGENERATIVE DISEASES or DEGENERATIVE DISEASE).kw.
6	((neurologic or neuromuscular or nervous system) adj2 (degenerative or progressive) adj2 (disease? or disorder?)).tw,tx.
7	(neurodegenerative adj (disease? or disorder?)).tw,tx.
8	DEMYELINATING DISEASE?.kw.
9	MITOCHONDRIAL DISEASES.kw.
10	(leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or adrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$).tw,tx.
11	(demyelin\$ adj (disease? or disorder?)).tw,tx.
12	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).tw,tx,kw.
13	mitochondriopath\$.tw,tx.
14	MUSCULAR ATROPHY, SPINAL.kw.
15	MUSCULAR DYSTROPHIES.kw.
16	((spine or spinal or myelopath\$ or neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).tw,tx,kw.
17	SMA.tw,tx.
18	((motor or spinal or bulbosspinal) adj3 neuronopath\$).tw,tx.
19	(muscular dystroph\$ or myodystroph\$ or myopath\$).tw,tx,kw.
20	NEOPLASM?.kw.
21	(tumo?r\$ or neoplas\$ or cancer\$).tw,tx.
22	GENETIC DISEASES, INBORN.kw.
23	CHROMOSOME ABERRATIONS.kw.
24	SPASTIC PARAPLEGIA, HEREDITARY.kw.
25	DYSTONIC DISORDER?.kw.
26	RETT SYNDROME.kw.
27	((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).tw,tx,kw.
28	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).tw,tx.
29	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).tw,tx,kw.
30	(spastic parap\$ adj2 (type 2 or type two or type II)).tw,tx.
31	(Charcot Marie Tooth disease or CMT or HMSN).tw,tx.
32	((progressive or degenerative) adj2 dystoni\$).tw,tx.
33	(Rett? adj (syndrome or disease or disorder or morbus)).tw,tx.
34	SPINAL CORD DISEASE?.kw.
35	NEURAL TUBE DEFECT?.kw.
36	myelopath\$.tw,tx.
37	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).tw,tx.
38	or/5-37
39	COMMUNICATION DISORDER?.kw.
40	(VISION DISORDERS or VISUAL DISORDER).kw.
41	(MOTOR SKILLS or MOTOR PERFORMANCE).kw.
42	(MOTOR SKILLS DISORDERS or PSYCHOMOTOR DISORDER).kw.
43	(MOVEMENT DISORDERS or MOTOR DYSFUNCTION).kw.
44	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).tw,tx.
45	MEDICAL HISTORY TAKING.kw.
46	(family history or medical history or anamnesis).tw,tx,kw.
47	(lack\$ adj3 risk factor? adj3 (cerebral pals\$ or CP)).tw,tx.
48	("no risk factor?" adj3 (cerebral pals\$ or CP)).tw,tx.
49	MUSCULAR ATROPHY.kw.
50	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$).tw,tx,kw.
51	(myoatroph\$ or myodegenerat\$).tw,tx.
52	or/39-51
53	("SIGNS and SYMPTOMS" or SYMPTOMATOLOGY or "PHYSICAL DISEASE BY BODY FUNCTION").kw.
54	(sign? or symptom\$ or complain\$).tw,tx.
55	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).tw,tx.
56	(presenting adj3 (feature? or finding? or factor?)).tw,tx.
57	presentation?.tw,tx.
58	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw,tx.
59	red flag?.tw,tx.
60	or/53-59
61	(DIAGNOSIS, DIFFERENTIAL or DIFFERENTIAL DIAGNOSIS or DELAYED DIAGNOSIS or DIAGNOSTIC ERROR?).kw.
62	(differentia\$ or misdiagnos\$).tw,tx.
63	(diagnos\$ adj2 (delay\$ or mistake\$ or error\$ or incorrect\$ or discriminat\$)).tw,tx.

#	Searches
64	or/61-63
65	PREVALENCE.kw.
66	INCIDENCE.kw.
67	(COHORT STUDIES or LONGITUDINAL STUDY or COHORT ANALYSIS).kw.
68	CROSS-SECTIONAL STUD\$.kw.
69	(MODELS, STATISTICAL or STATISTICAL MODEL).kw.
70	LIFE TABLE?.kw.
71	(prevalen\$ or incidence? or model\$ or cohort? or cross sectional).ti.
72	or/65-71
73	4 and 38 and (52 or 60) and 64
74	4 and 38 and 72
75	(CEREBRAL PALSY and (DIAGNOSIS or DIAGNOSTIC ERROR?)).kw.
76	or/73-75

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#### E.4.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or parals#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	exp NEURODEGENERATIVE DISEASES/
6	((neurologic or neuromuscular or nervous system) adj2 (degenerative or progressive) adj2 (disease? or disorder?)).tw.
7	(neurodegenerative adj (disease? or disorder?)).tw.
8	exp HEREDITARY CENTRAL NERVOUS SYSTEM DEMYELINATING DISEASES/
9	exp MITOCHONDRIAL DISEASES/
10	(leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or adrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$).tw.
11	(demyelin\$ adj (disease? or disorder?)).tw.
12	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).tw.
13	mitochondriopath\$.tw.
14	exp MUSCULAR ATROPHY, SPINAL/
15	exp MUSCULAR DYSTROPHIES/
16	((spine or spinal or myelopath\$ or neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).tw.
17	SMA.tw.
18	((motor or spinal or bulbospinal) adj3 neuronopath\$).tw.
19	(muscular dystroph\$ or myodystroph\$ or myopath\$).tw.
20	exp NEOPLASMS/
21	(tumo?r\$ or neoplas\$ or cancer\$).tw.
22	exp GENETIC DISEASES, INBORN/
23	exp CHROMOSOME ABERRATIONS/
24	SPASTIC PARAPLEGIA, HEREDITARY/
25	exp DYSTONIC DISORDERS/
26	RETT SYNDROME/
27	((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).tw.
28	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).tw.
29	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).tw.
30	(spastic parap\$ adj2 (type 2 or type two or type II)).tw.
31	(Charcot Marie Tooth disease or CMT or HMSN).tw.
32	((progressive or degenerative) adj2 dystoni\$).tw.
33	(Rett? adj (syndrome or disease or disorder or morbus)).tw.
34	exp SPINAL CORD DISEASES/
35	exp NEURAL TUBE DEFECTS/
36	myelopath\$.tw.
37	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).tw.
38	or/5-37
39	exp COMMUNICATION DISORDERS/
40	exp VISION DISORDERS/
41	MOTOR SKILLS/
42	MOTOR SKILLS DISORDERS/
43	MOVEMENT DISORDERS/
44	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).tw.
45	MEDICAL HISTORY TAKING/
46	(family history or medical history or anamnesis).tw.
47	((lack\$ or no) adj3 risk factor? adj3 (cerebral pals\$ or CP)).tw.
48	MUSCULAR ATROPHY/



#	Searches
49	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$.tw.
50	(myoatroph\$ or myodegenerat\$.tw.
51	or/39-50
52	exp "SIGNS and SYMPTOMS"/
53	(sign? or symptom\$ or complain\$.tw.
54	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).tw.
55	(presenting adj3 (feature? or finding? or factor?)).tw.
56	presentation?.tw.
57	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw.
58	red flag?.tw.
59	or/52-58
60	DIAGNOSIS, DIFFERENTIAL/ or DELAYED DIAGNOSIS/ or DIAGNOSTIC ERRORS/
61	(differentia\$ or misdiagnos\$.tw.
62	(diagnos\$ adj2 (delay\$ or mistake\$ or error\$ or incorrect\$ or discriminat\$)).tw.
63	di.fs. [Diagnosis]
64	or/60-63
65	PREVALENCE/
66	INCIDENCE/
67	exp COHORT STUDIES/
68	CROSS-SECTIONAL STUDIES/
69	exp MODELS, STATISTICAL/
70	LIFE TABLES/
71	(prevalen\$ or incidence? or model\$ or cohort? or cross sectional).ti.
72	or/65-71
73	4 and 38 and (51 or 59) and 64
74	4 and 38 and 72
75	4 and (5 or 8 or 9 or 14 or 15 or 20 or 22 or 23 or 24 or 25 or 26 or 34 or 35) and ep.fs. [Epidemiology]
76	CEREBRAL PALSY/ and (DIAGNOSIS, DIFFERENTIAL/ or DIAGNOSTIC ERRORS/)
77	or/73-76

1

#### E.4.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp DEGENERATIVE DISEASE/
6	((neurologic or neuromuscular or nervous system) adj2 (degenerative or progressive) adj2 (disease? or disorder?)).ti,ab.
7	(neurodegenerative adj (disease? or disorder?)).ti,ab.
8	exp DEMYELINATING DISEASE/
9	exp "DISORDERS OF MITOCHONDRIAL FUNCTION"/
10	(leu#odystroph\$ or adrenoleu#odystroph\$ or myelodystroph\$ or adrenomyelodystroph\$ or myeloneuropath\$ or adrenomyeloneuropath\$.ti,ab.
11	(demyelin\$ adj (disease? or disorder?)).ti,ab.
12	(mitochondria\$ adj4 (disorder? or disease? or dysfunction\$ or deficien\$ or cytopath\$)).ti,ab.
13	mitochondriopath\$.ti,ab.
14	exp SPINAL MUSCULAR ATROPHY/
15	exp MUSCULAR DYSTROPHY/
16	((spine or spinal or myelopath\$ or neurogenic or progressive) adj3 (muscular atroph\$ or muscle atroph\$ or amyotroph\$ or myopath\$)).ti,ab.
17	SMA.ti,ab.
18	((motor or spinal or bulbospinal) adj3 neuronopath\$.ti,ab.
19	(muscular dystroph\$ or myodystroph\$ or myopath\$.ti,ab.
20	exp NEOPLASM/
21	(tumo?r\$ or neoplas\$ or cancer\$.ti,ab.
22	exp GENETIC DISORDER/
23	HEREDITARY MOTOR SENSORY NEUROPATHY/
24	exp DYSTONIC DISORDER/
25	RETT SYNDROME/
26	((genetic or hereditary or heredodegenerative) adj (disease? or disorder? or defect\$ or syndrome?)).ti,ab.
27	(chromosom\$ adj (disease? or disorder? or defect\$ or aberration?)).ti,ab.
28	(hereditary adj3 (spastic parap\$ or motor sensory neuropath\$ or "motor and sensory neuropath\$")).ti,ab.
29	(spastic parap\$ adj2 (type 2 or type I)).ti,ab.
30	(Charcot Marie Tooth disease or CMT or HMSN).ti,ab.
31	((progressive or degenerative) adj2 dystoni\$.ti,ab.
32	(Rett? adj (syndrome or disease or disorder or morbus)).ti,ab.

#	Searches
33	exp SPINAL CORD DISEASE/
34	exp NEURAL TUBE DEFECT/
35	myelopath\$.ti,ab.
36	((spine or spinal cord or neural tube) adj3 (disease? or disorder? or tethered or defect\$)).ti,ab.
37	or/5-36
38	exp COMMUNICATION DISORDER/
39	exp VISUAL DISORDER/
40	MOTOR PERFORMANCE/
41	PSYCHOMOTOR DISORDER/
42	MOTOR DYSFUNCTION/
43	((regress\$ or loss or lose or losing or deteriorat\$) adj3 (speech or talk\$ or communicat\$ or vision or visual or sight or motor skill? or motor control)).ti,ab.
44	exp ANAMNESIS/
45	(family history or medical history or anamnesis).ti,ab.
46	((lack\$ or no) adj3 risk factor? adj3 (cerebral pals\$ or CP)).ti,ab.
47	MUSCLE ATROPHY/
48	((muscle or muscular) adj (atroph\$ or degenerat\$ or loss or lose or losing)) or muscle wast\$.ti,ab.
49	(myoatroph\$ or myodegenerat\$).ti,ab.
50	or/38-49
51	exp *SYMPTOMATOLOGY/ or exp *PHYSICAL DISEASE BY BODY FUNCTION/
52	(sign? or symptom\$ or complain\$).ti,ab.
53	((clinical or developmental) adj3 (manifestation? or feature? or finding? or aspect?)).ti,ab.
54	(presenting adj3 (feature? or finding? or factor?)).ti,ab.
55	presentation?.ti,ab.
56	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).ti,ab.
57	red flag?.ti,ab.
58	or/51-57
59	*DIFFERENTIAL DIAGNOSIS/ or *DELAYED DIAGNOSIS/ or *DIAGNOSTIC ERROR/
60	(differentia\$ or misdiagnos\$).ti,ab.
61	(diagnos\$ adj2 (delay\$ or mistake\$ or error\$ or incorrect\$ or discriminat\$)).ti,ab.
62	di.fs. [Diagnosis]
63	or/59-62
64	*PREVALENCE/
65	*INCIDENCE/
66	*LONGITUDINAL STUDY/ or *COHORT ANALYSIS/
67	*CROSS-SECTIONAL STUDY/
68	*STATISTICAL MODEL/
69	*LIFE TABLE/
70	(prevalen\$ or incidence? or model\$ or cohort? or cross sectional).ti.
71	or/64-70
72	4 and 37 and (50 or 58) and 63
73	4 and 37 and 71
74	4 and (5 or 8 or 9 or 14 or 15 or 20 or 22 or 23 or 24 or 25 or 33 or 34) and ep.fs. [Epidemiology]
75	CEREBRAL PALSY/ and (DIFFERENTIAL DIAGNOSIS/ or DIAGNOSTIC ERROR/)
76	or/72-75
77	limit 76 to english language
78	conference abstract.pt.
79	letter.pt. or LETTER/
80	note.pt.
81	editorial.pt.
82	(letter or comment* or abstracts).ti.
83	or/78-82
84	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
85	83 not 84
86	ANIMAL/ not HUMAN/
87	NONHUMAN/
88	exp ANIMAL EXPERIMENT/
89	exp EXPERIMENTAL ANIMAL/
90	ANIMAL MODEL/
91	exp RODENT/
92	(rat or rats or mouse or mice).ti.
93	or/85-92
94	77 not 93

## E.5.1 MRI and identification of causes of cerebral palsy

### E.5.12 Database: Medline

#	Searches
1	ADOLESCENT/ or MINORS/
2	(adolescens\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jw,nw.
3	exp CHILD/
4	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,nw.
5	exp INFANT/
6	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,nw.
7	exp PEDIATRICS/ or exp PUBERTY/
8	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescent\$).ti,ab,jw,nw.
9	or/1-8
10	CEREBRAL PALSY/
11	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
12	little? disease.ti,ab.
13	or/10-12
14	exp MAGNETIC RESONANCE IMAGING/
15	(MRI or NMRI).ti,ab.
16	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).ti,ab.
17	or/14-16
18	exp *MUSCLE HYPERTONIA/ or *MUSCLE HYPOTONIA/
19	*DYSKINESIAS/ or exp *ATAXIA/ or *ATHETOSIS/ or *CHOREA/ *DYSTONIA/ or *HYPERKINESES/ or *HYPOKINESIS/
20	exp *PARESIS/ or *HEMIPLEGIA/ or *QUADRIPLEGIA/ or *PARAPLEGIA/
21	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadripareisis or quadriplegia?).ti.
22	or/18-21
23	exp BRAIN/ab [Abnormalities]
24	BRAIN DISEASES/
25	LEUKOMALACIA, PERIVENTRICULAR/ or HYPOXIA-ISCHEMIA, BRAIN/ or BRAIN INFARCTION/ or exp NERVOUS SYSTEM MALFORMATIONS/
26	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).ti,ab.
27	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).ti,ab.
28	or/23-27
29	exp "SENSITIVITY AND SPECIFICITY"/
30	(sensitivity or specificity).ti,ab.
31	((pre test or pretest or post test or posttest) adj probability).ti,ab.
32	(predictive value\$ or PPV or NPV).ti,ab.
33	likelihood ratio\$.ti,ab.
34	LIKELIHOOD FUNCTIONS/
35	(ROC curve\$ or AUC).ti,ab.
36	diagnos\$.ti.
37	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
38	gold standard.ab.
39	di.fs. [Diagnosis]
40	or/29-39
41	predict.ti.
42	(validat* or rule*).ti,ab.
43	(predict* and (outcome* or risk* or model*)).ti,ab.
44	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
45	decision*.ti,ab. and LOGISTIC MODELS/
46	(decision* and (model* or clinical*)).ti,ab.
47	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
48	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
49	ROC CURVE/
50	or/41-49
51	et.fs. [Etiology]
52	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).ti,ab.
53	or/51-52
54	exp MAGNETIC RESONANCE IMAGING/ and CEREBRAL PALSY/pa [Pathology]
55	13 and 17 and (28 or 40 or 50 or 53)
56	9 and 17 and 22 and 28 and (40 or 50 or 53)

#	Searches
57	or/54-56
58	limit 57 to english language
59	LETTER/
60	EDITORIAL/
61	NEWS/
62	exp HISTORICAL ARTICLE/
63	ANECDOTES AS TOPIC/
64	COMMENT/
65	(letter or comment*).ti.
66	or/59-65
67	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
68	66 not 67
69	ANIMALS/ not HUMANS/
70	exp ANIMALS, LABORATORY/
71	exp ANIMAL EXPERIMENTATION/
72	exp MODELS, ANIMAL/
73	exp RODENTIA/
74	(rat or rats or mouse or mice).ti.
75	or/68-74
76	58 not 75

1

### E.5.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	(adolescenc\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jw,nw.
2	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,nw.
3	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,nw.
4	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jw,nw.
5	or/1-4
6	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
7	little? disease.ti,ab.
8	or/6-7
9	(MRI or NMR).ti,ab.
10	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).ti,ab.
11	or/9-10
12	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadriparesis or quadriplegia?).ti.
13	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).ti,ab.
14	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).ti,ab.
15	or/13-14
16	(sensitivity or specificity).ti,ab.
17	((pre test or pretest or post test or posttest) adj probability).ti,ab.
18	(predictive value\$ or PPV or NPV).ti,ab.
19	likelihood ratio\$.ti,ab.
20	(ROC curve\$ or AUC).ti,ab.
21	diagnos\$.ti.
22	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
23	gold standard.ab.
24	or/16-23
25	predict.ti.
26	(validat* or rule*).ti,ab.
27	(predict* and (outcome* or risk* or model*)).ti,ab.
28	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
29	(decision* and (model* or clinical*)).ti,ab.
30	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
31	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
32	or/25-31
33	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).ti,ab.
34	8 and 11 and (15 or 24 or 32 or 33)
35	5 and 11 and 12 and 15 and (24 or 32 or 33)
36	or/34-35

### E.5.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	ADOLESCENT/ or MINORS/
2	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jw,kw.
3	exp CHILD/
4	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,kw.
5	exp INFANT/
6	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,kw.
7	exp PEDIATRICS/ or exp PUBERTY/
8	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jw,kw.
9	or/1-8
10	CEREBRAL PALSY/
11	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
12	little? disease.ti,ab.
13	or/10-12
14	exp MAGNETIC RESONANCE IMAGING/
15	(MRI or NMRI).ti,ab.
16	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).ti,ab,kw.
17	or/14-16
18	exp *MUSCLE HYPERTONIA/ or *MUSCLE HYPOTONIA/
19	*DYSKINESIAS/ or exp *ATAXIA/ or *ATHETOSIS/ or *CHOREA/ or *DYSTONIA/ or *HYPERKINESES/ or *HYPOKINESIS/
20	exp *PARESIS/ or *HEMIPLEGIA/ or *QUADRIPLEGIA/ or *PARAPLEGIA/
21	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadripareisis or quadriplegia?).ti,kw.
22	or/18-21
23	exp BRAIN/ab [Abnormalities]
24	BRAIN DISEASES/ or BRAIN DISEASE.kw.
25	LEUKOMALACIA, PERIVENTRICULAR/ or HYPOXIA-ISCHEMIA, BRAIN/ or BRAIN INFARCTION/ or exp NERVOUS SYSTEM MALFORMATIONS/
26	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).ti,ab,kw.
27	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).ti,ab,kw.
28	or/23-27
29	exp "SENSITIVITY AND SPECIFICITY"/
30	(sensivity or specificity).ti,ab,kw.
31	((pre test or pretest or post test or posttest) adj probability).ti,ab.
32	(predictive value\$ or PPV or NPV).ti,ab.
33	likelihood ratio\$.ti,ab.
34	LIKELIHOOD FUNCTIONS/ or STATISTICAL MODEL.kw.
35	(ROC curve\$ or AUC).ti,ab.
36	diagnos\$.ti.
37	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
38	gold standard.ab.
39	di.fs. [Diagnosis]
40	(DIAGNOSTIC ACCURACY or DIAGNOSTIC TEST ACCURACY STUDY).kw.
41	or/29-40
42	predict.ti.
43	(validat* or rule*).ti,ab.
44	(predict* and (outcome* or risk* or model*)).ti,ab.
45	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
46	decision*.ti,ab. and (LOGISTIC MODELS/ or STATISTICAL MODEL.kw.)
47	(decision* and (model* or clinical*)).ti,ab.
48	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
49	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
50	ROC CURVE/ or RECEIVER OPERATING CHARACTERISTIC.kw.
51	or/42-50
52	et.fs. [Etiology]
53	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).ti,ab,kw.
54	or/52-53
55	exp MAGNETIC RESONANCE IMAGING/ and CEREBRAL PALSY/pa [Pathology]
56	13 and 17 and (28 or 41 or 51 or 54)
57	9 and 17 and 22 and 28 and (41 or 51 or 54)

#	Searches
58	or/55-57

1

### E.5.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	(ADOLESCENT or MINORS).kw.
2	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).tw,tx.
3	CHILD.kw.
4	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,tx.
5	INFANT.kw.
6	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,tx.
7	(PEDIATRICS or PUBERTY).kw.
8	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).tw,tx.
9	or/1-8
10	CEREBRAL PALSY.kw.
11	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
12	little? disease.tw,tx.
13	or/10-12
14	MAGNETIC RESONANCE IMAGING.kw.
15	(MRI or NMRI).tw,tx.
16	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).tw,tx.
17	or/14-16
18	(MUSCLE HYPERTONIA or MUSCLE HYPOTONIA).kw.
19	(DYSKINESIAS or ATAXIA or ATHETOSIS or CHOREA or DYSTONIA or HYPERKINESSES or HYPOKINESIS).kw.
20	(PARESIS or HEMIPLEGIA or QUADRIPLEGIA or PARAPLEGIA).kw.
21	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadripareisis or quadriplegia?).ti.
22	or/18-21
23	BRAIN ab.kw. [Abnormalities]
24	BRAIN DISEASES.kw.
25	(LEUKOMALACIA, PERIVENTRICULAR or HYPOXIA-ISCHEMIA, BRAIN or BRAIN INFARCTION or NERVOUS SYSTEM MALFORMATIONS).kw.
26	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).tw,tx.
27	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).tw,tx.
28	or/23-27
29	"SENSITIVITY AND SPECIFICITY".kw.
30	(sensitivity or specificity).tw,tx.
31	((pre test or pretest or post test or posttest) adj probability).tw,tx.
32	(predictive value\$ or PPV or NPV).tw,tx.
33	likelihood ratio\$.tw,tx.
34	LIKELIHOOD FUNCTIONS.kw.
35	(ROC curve\$ or AUC).tw,tx.
36	diagnos\$.ti.
37	(diagnos\$ adj2 (performance\$ or accurac\$ or utilit\$ or value\$ or efficien\$ or effectiveness)).tw,tx.
38	gold standard.ab.
39	di.kw. [Diagnosis]
40	or/29-39
41	predict.ti.
42	(validat or rule).tw,tx.
43	(predict and (outcome or risk or model)).tw,tx.
44	((history or variable or criteria or scor or characteristic or finding or factor) and (predict or model or decision or identif or prognos)).tw,tx.
45	decision.tw,tx. and LOGISTIC MODELS.kw.
46	(decision and (model or clinical)).tw,tx.
47	(prognostic and (history or variable or criteria or scor or characteristic or finding or factor or model)).tw,tx.
48	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).tw,tx.
49	ROC CURVE.kw.
50	or/41-49
51	et.kw. [Etiology]
52	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).tw,tx.
53	or/51-52

#	Searches
54	(MAGNETIC RESONANCE IMAGING and CEREBRAL PALSY pa).kw. [Pathology]
55	13 and 17 and (28 or 40 or 50 or 53)
56	9 and 17 and 22 and 28 and (40 or 50 or 53)
57	or/54-56

1

## E.5.52 Database: Health Technology Assessments

#	Searches
1	ADOLESCENT/ or MINORS/
2	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).tw,rw.
3	exp CHILD/
4	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,rw.
5	exp INFANT/
6	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,rw.
7	exp PEDIATRICS/ or exp PUBERTY/
8	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).tw,rw.
9	or/1-8
10	CEREBRAL PALSY/
11	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
12	little? disease.tw.
13	or/10-12
14	exp MAGNETIC RESONANCE IMAGING/
15	(MRI or NMRI).tw.
16	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).tw.
17	or/14-16
18	exp *MUSCLE HYPERTONIA/ or *MUSCLE HYPOTONIA/
19	*DYSKINESIAS/ or exp *ATAXIA/ or *ATHETOSIS/ or *CHOREA/ or *DYSTONIA/ or *HYPERKINESSES/ or *HYPOKINESIS/
20	exp *PARESIS/ or *HEMIPLEGIA/ or *QUADRIPLEGIA/ or *PARAPLEGIA/
21	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadriparesis or quadriplegia?).ti,to.
22	or/18-21
23	exp BRAIN/ab [Abnormalities]
24	BRAIN DISEASES/
25	LEUKOMALACIA, PERIVENTRICULAR/ or HYPOXIA-ISCHEMIA, BRAIN/ or BRAIN INFARCTION/ or exp NERVOUS SYSTEM MALFORMATIONS/
26	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).tw.
27	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).tw.
28	or/23-27
29	exp "SENSITIVITY AND SPECIFICITY"/
30	(sensitivity or specificity).tw.
31	((pre test or pretest or post test or posttest) adj probability).tw.
32	(predictive value\$ or PPV or NPV).tw.
33	likelihood ratio\$.tw.
34	LIKELIHOOD FUNCTIONS/
35	(ROC curve\$ or AUC).tw.
36	diagnos\$.ti,to.
37	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).tw.
38	gold standard.tw.
39	di.fs. [Diagnosis]
40	or/29-39
41	predict.ti.
42	(validat* or rule*).tw.
43	(predict* and (outcome* or risk* or model*)).tw.
44	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).tw.
45	decision*.tw. and LOGISTIC MODELS/
46	(decision* and (model* or clinical*)).tw.
47	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).tw.
48	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).tw.
49	ROC CURVE/
50	or/41-49
51	et.fs. [Etiology]

#	Searches
52	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).tw.
53	or/51-52
54	exp MAGNETIC RESONANCE IMAGING/ and CEREBRAL PALSY/pa [Pathology]
55	13 and 17 and (28 or 40 or 50 or 53)
56	9 and 17 and 22 and 28 and (40 or 50 or 53)
57	or/54-56

1

### E.5.62 Database: Embase

#	Searches
1	exp ADOLESCENT/
2	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jx.
3	exp CHILD/
4	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
5	exp INFANT/
6	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
7	exp PEDIATRICS/ or exp PUBERTY/
8	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jx,ec.
9	or/1-8
10	CEREBRAL PALSY/
11	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
12	little? disease.ti,ab.
13	or/10-12
14	exp NUCLEAR MAGNETIC RESONANCE IMAGING/
15	(MRI or NMRI).ti,ab.
16	((magnetic resonance or MR or MTC or MT or NMR or magneti#ation transfer or spin or chemical shift or diffus\$ tensor) adj2 (imag\$ or tomogra\$)).ti,ab.
17	or/14-16
18	*MUSCLE HYPERTONIA/ or *SPASTICITY/ or *SPASTIC PARAPLEGIA/ or *SPASTIC PARESIS/ or *MUSCLE HYPOTONIA/
19	*DYSKINESIA/ or *ATAXIA/ or *ATAXIC GAIT/ or *CEREBELLAR ATAXIA/ or *ATHETOSIS/ or *CHOREA/ or *CHOREOATHETOSIS/ or *DYSTONIA/ or *HYPERKINESIA/ or *HYPOKINESIA/
20	*PARESIS/ or *HEMIPARESIS/ or *HEMIPLEGIA/ or *PARAPLEGIA/ or *QUADRIPLEGIA/
21	(spastic\$ or ataxi\$ or dyskin\$ or dyston\$ or chorea or choreoatheto\$ or atheto\$ or hyperton\$ or hypoton\$ or hyperkin\$ or hypokin\$ or hyperreflex\$ or hemip\$ or parap\$ or diparesis or diplegia? or quadriparesis or quadriplegia?).ti.
22	or/18-21
23	*BRAIN DISEASE/
24	*ENCEPHALOMALACIA/ or *LEUKOMALACIA/
25	*BRAIN INFARCTION/
26	*HYPOXIC ISCHEMIC ENCEPHALOPATHY/
27	exp *BRAIN MALFORMATION/
28	((brain or cerebral or cerebellum or neuro\$ or cortex or cortical or subcortical or encephalopath\$ or grey matter or white matter or basal ganglia or watershed) adj (pathol\$ or malform\$ or maldevelop\$ or injur\$ or insult\$ or damag\$ or lesion? or hypoxi\$ or isch?emi\$ or anoxi\$ or infarct\$ or mutat\$)).ti,ab.
29	(periventricular leu#omalacia? or cerebral leu#omalacia? or periventricular encephalomalacia? or PVL or porencephal\$).ti,ab.
30	or/23-29
31	"SENSITIVITY AND SPECIFICITY"/
32	(sensivity or specificity).ti,ab.
33	((pre test or pretest or post test or posttest) adj probability).ti,ab.
34	(predictive value\$ or PPV or NPV).ti,ab.
35	likelihood ratio\$.ti,ab.
36	STATISTICAL MODEL/
37	(ROC curve\$ or AUC).ti,ab.
38	diagnos\$.ti.
39	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
40	gold standard.ab.
41	*DIAGNOSTIC ACCURACY/ or DIAGNOSTIC TEST ACCURACY STUDY/
42	di.fs.
43	or/31-42
44	predict.ti.
45	(validat* or rule*).ti,ab.
46	(predict* and (outcome* or risk* or model*)).ti,ab.
47	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
48	decision*.ti,ab. and STATISTICAL MODEL/
49	(decision* and (model* or clinical*)).ti,ab.
50	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.



#	Searches
51	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
52	RECEIVER OPERATING CHARACTERISTIC/
53	or/44-52
54	exp ETIOLOGY/
55	et.fs. [Etiology]
56	(etio\$ or aetio\$ or cause? or causative or origin? or pathogen\$).ti,ab.
57	or/54-56
58	13 and 17 and (30 or 43 or 53 or 57)
59	9 and 17 and 22 and 30 and (43 or 53 or 57)
60	or/58-59
61	limit 60 to english language
62	letter.pt. or LETTER/
63	note.pt.
64	editorial.pt.
65	CASE REPORT/ or CASE STUDY/
66	(letter or comment*).ti.
67	or/62-66
68	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
69	67 not 68
70	ANIMAL/ not HUMAN/
71	NONHUMAN/
72	exp ANIMAL EXPERIMENT/
73	exp EXPERIMENTAL ANIMAL/
74	ANIMAL MODEL/
75	exp RODENT/
76	(rat or rats or mouse or mice).ti.
77	or/69-76
78	61 not 77

1

## E.6.2 Prognosis for walking, talking and life expectancy

### E.6.13 Database: Medline

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	EPIDEMIOLOGIC STUDIES/
12	exp CASE CONTROL STUDIES/
13	exp COHORT STUDIES/
14	Case control.tw.
15	(cohort adj (study or studies)).tw.
16	Cohort analy\$.tw.
17	(Follow up adj (study or studies)).tw.
18	(observational adj (study or studies)).tw.
19	Longitudinal.tw.
20	Retrospective.tw.
21	Cross sectional.tw.
22	CROSS SECTIONAL STUDIES/
23	or/11-22
24	10 or 23
25	CEREBRAL PALSY/
26	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
27	little? disease.ti,ab.
28	or/25-27
29	exp WALKING/ or exp LOCOMOTION/ or exp SPEECH/ or exp VERBAL BEHAVIOR/ or exp SURVIVAL/ or exp LIFE EXPECTANCY/ or exp SURVIVAL RATE/ or exp MORTALITY/
30	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,ab.

#	Searches
31	(life adj2 expect\$).ti,ab.
32	or/29-31
33	exp "SEVERITY OF ILLNESS INDEX"/ or exp DISABILITY EVALUATION/ or exp MAGNETIC RESONANCE IMAGING/ or exp COGNITION/ or exp PSYCHOLOGICAL TESTS/ or exp INTELLECTUAL DISABILITY/ or exp INTELLIGENCE/ or exp MOTOR SKILLS/ or exp MOTOR ACTIVITY/ or exp QUADRIPLEGIA/ or exp HEMIPLEGIA/ or exp POSTURE/ or exp MOTOR DISORDERS/
34	(GMFCS or magnetic resonance imaging or MRI or cognitit\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,ab.
35	(gross adj motor adj function adj classification\$).ti,ab.
36	(psychometr\$ adj3 test\$).ti,ab.
37	((unilateral or bilateral) adj4 motor\$).ti,ab.
38	exp MOVEMENT DISORDERS/ or exp DYSKINESIAS/ or exp BASAL GANGLIA DISEASES/ or exp EPILEPSY/ or exp DEGLUTITION DISORDERS/ or exp ENTERAL NUTRITION/
39	((enteral or tube\$) adj3 (fed or feed\$)).ti,ab.
40	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,ab.
41	exp SCOLIOSIS/ or exp RESPIRATORY TRACT DISEASES/
42	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,ab.
43	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,ab.
44	or/33-43
45	predict.ti.
46	(validat* or rule*).ti,ab.
47	(predict* and (outcome* or risk* or model*)).ti,ab.
48	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
49	decision*.ti,ab. and LOGISTIC MODELS/
50	(decision* and (model* or clinical*)).ti,ab.
51	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
52	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
53	ROC CURVE/
54	exp PROGNOSIS/
55	or/45-54
56	and/28,32,44,55
57	*CEREBRAL PALSY/cl, co, mo, ep [Classification, Complications, Mortality, Epidemiology]
58	56 or 57
59	24 and 58
60	limit 59 to english language
61	LETTER/
62	EDITORIAL/
63	NEWS/
64	exp HISTORICAL ARTICLE/
65	ANECDOTES AS TOPIC/
66	COMMENT/
67	CASE REPORT/
68	(letter or comment* or abstracts).ti.
69	or/61-68
70	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
71	69 not 70
72	ANIMALS/ not HUMANS/
73	exp ANIMALS, LABORATORY/
74	exp ANIMAL EXPERIMENTATION/
75	exp MODELS, ANIMAL/
76	exp RODENTIA/
77	(rat or rats or mouse or mice).ti.
78	or/71-77
79	60 not 78

1

## E.6.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	1 or 2
4	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,ab.
5	(life adj2 expect\$).ti,ab.
6	4 or 5
7	(GMFCS or magnetic resonance imaging or MRI or cognitit\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,ab.

#	Searches
8	(gross adj motor adj function adj classification\$).ti,ab.
9	(psychometr\$ adj3 test\$).ti,ab.
10	((unilateral or bilateral) adj4 motor\$).ti,ab.
11	((enteral or tube\$) adj3 (fed or feed\$)).ti,ab.
12	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,ab.
13	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,ab.
14	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,ab.
15	or/7-14
16	predict.ti.
17	(validat* or rule*).ti,ab.
18	(predict* and (outcome* or risk* or model*)).ti,ab.
19	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
20	(decision* and (model* or clinical*)).ti,ab.
21	(decision* and (model* or clinical*)).ti,ab.
22	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
23	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
24	prognos\$.ti,ab.
25	or/16-24
26	and/3,6,15,25

1

### E.6.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	(WALKING or SPEECH or VERBAL BEHAVIOR or SURVIVAL or MORTALITY).sh,kw.
6	LOCOMOTION/ or LIFE EXPECTANCY/ or SURVIVAL RATE/
7	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,ab.
8	(life adj2 expect\$).ti,ab.
9	or/5-8
10	(COGNITION or INTELLIGENCE).sh,kw.
11	"SEVERITY OF ILLNESS INDEX"/ or DISABILITY EVALUATION/ or MAGNETIC RESONANCE IMAGING/ or PSYCHOLOGICAL TESTS/ or INTELLECTUAL DISABILITY/ or MOTOR SKILLS/ or MOTOR ACTIVITY/ or QUADRIPLEGIA/ or HEMIPLEGIA/ or POSTURE/ or MOTOR DISORDERS/
12	(DISEASE SEVERITY or DISEASE COURSE or GROSS MOTOR FUNCTION CLASSIFICATION SYSTEM or MOTOR PERFORMANCE or NUCLEAR MAGNETIC RESONANCE IMAGING or NEUROPSYCHOLOGICAL TEST or PSYCHOMETRY or INTELLIGENCE TEST or INTELLECTUAL IMPAIRMENT or MOTOR PERFORMANCE or MOTOR DYSFUNCTION or SITTING).kw.
13	(GMFCS or magnetic resonance imaging or MRI or cognitiv\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,ab.
14	(gross adj motor adj function adj classification\$).ti,ab.
15	(psychometr\$ adj3 test\$).ti,ab.
16	((unilateral or bilateral) adj4 motor\$).ti,ab.
17	MOVEMENT DISORDERS/ or DYSKINESIAS/ or BASAL GANGLIA DISEASES/ or DEGLUTITION DISORDERS/ or ENTERAL NUTRITION/
18	EPILEPSY.sh,kw.
19	(SPASTICITY or DYSTONIA or DYSKINESIA or EXTRAPYRAMIDAL SYNDROME or DYSPHAGIA or ENTERIC FEEDING).kw.
20	((enteral or tube\$) adj3 (fed or feed\$)).ti,ab.
21	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,ab.
22	SCOLIOSIS.sh,kw.
23	RESPIRATORY TRACT DISEASES/
24	(RESPIRATORY TRACT INFECTION or LUNG DISEASE).kw.
25	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,ab.
26	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,ab.
27	or/10-26
28	predict.ti.
29	(validat* or rule*).ti,ab.
30	(predict* and (outcome* or risk* or model*)).ti,ab.
31	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
32	decision*.ti,ab. and (LOGISTIC MODELS/ or STATISTICAL MODEL.kw.)
33	(decision* and (model* or clinical*)).ti,ab.

#	Searches
34	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
35	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
36	ROC CURVE/
37	RECEIVER OPERATING CHARACTERISTIC.kw.
38	PROGNOSIS.sh,kw.
39	or/28-38
40	and/4,9,27,39
41	CEREBRAL PALSY/cl, co, ep [Classification, Complications, Epidemiology]
42	40 or 41
43	limit 42 to english language

1

### E.6.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,tw,tx.
3	little? disease.ti,tw,tx.
4	or/1-3
5	(WALKING or SPEECH or VERBAL BEHAVIOR or SURVIVAL or MORTALITY or LOCOMOTION or LIFE EXPECTANCY or SURVIVAL RATE).kw.
6	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,tw,tx.
7	(life adj2 expect\$).ti,tw,tx.
8	or/5-7
9	(COGNITION or INTELLIGENCE or "SEVERITY OF ILLNESS INDEX" or DISABILITY EVALUATION or MAGNETIC RESONANCE IMAGING or PSYCHOLOGICAL TESTS or INTELLECTUAL DISABILITY or MOTOR SKILLS or MOTOR ACTIVITY or QUADRIPLÉGIA or HEMIPLEGIA or POSTURE or MOTOR DISORDERS).kw.
10	(DISEASE SEVERITY or DISEASE COURSE or GROSS MOTOR FUNCTION CLASSIFICATION SYSTEM or MOTOR PERFORMANCE or NUCLEAR MAGNETIC RESONANCE IMAGING or NEUROPSYCHOLOGICAL TEST or PSYCHOMETRY or INTELLIGENCE TEST or INTELLECTUAL IMPAIRMENT or MOTOR PERFORMANCE or MOTOR DYSFUNCTION or SITTING).kw.
11	(GMFCS or magnetic resonance imaging or MRI or cognitiv\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,tw,tx.
12	(gross adj motor adj function adj classification\$).ti,tw,tx.
13	(psychometr\$ adj3 test\$).ti,tw,tx.
14	((unilateral or bilateral) adj4 motor\$).ti,tw,tx.
15	(EPILEPSY or MOVEMENT DISORDERS or DYSKINESIAS or BASAL GANGLIA DISEASES or DEGLUTITION DISORDERS or ENTERAL NUTRITION).kw.
16	(SPASTICITY or DYSTONIA or DYSKINESIA or EXTRAPYRAMIDAL SYNDROME or DYSPHAGIA or ENTERIC FEEDING).kw.
17	((enteral or tube\$) adj3 (fed or feed\$)).ti,tw,tx.
18	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,tw,tx.
19	(SCOLIOSIS or RESPIRATORY TRACT DISEASES or RESPIRATORY TRACT INFECTION or LUNG DISEASE).kw.
20	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,tw,tx.
21	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,tw,tx.
22	or/9-21
23	predict.ti.
24	(validat* or rule*).ti,tw,tx.
25	(predict* and (outcome* or risk* or model*)).ti,tw,tx.
26	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,tw,tx.
27	decision*.ti,tw,tx. and (LOGISTIC MODELS or STATISTICAL MODEL).kw.
28	(decision* and (model* or clinical*)).ti,tw,tx.
29	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,tw,tx.
30	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,tw,tx.
31	(ROC CURVE or RECEIVER OPERATING CHARACTERISTIC or PROGNOSIS).kw.
32	or/23-31
33	and/4,8,22,32

4

### E.6.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,tw.

#	Searches
3	little? disease.ti,tw.
4	or/1-3
5	exp WALKING/ or exp LOCOMOTION/ or exp SPEECH/ or exp VERBAL BEHAVIOR/ or exp SURVIVAL/ or exp LIFE EXPECTANCY/ or exp SURVIVAL RATE/ or exp MORTALITY/
6	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,tw.
7	(life adj2 expect\$).ti,tw.
8	or/5-7
9	exp "SEVERITY OF ILLNESS INDEX"/ or exp DISABILITY EVALUATION/ or exp MAGNETIC RESONANCE IMAGING/ or exp COGNITION/ or exp PSYCHOLOGICAL TESTS/ or exp INTELLECTUAL DISABILITY/ or exp INTELLIGENCE/ or exp MOTOR SKILLS/ or exp MOTOR ACTIVITY/ or exp QUADRIPLEGIA/ or exp HEMIPLEGIA/ or exp POSTURE/ or exp MOTOR DISORDERS/
10	(GMFCS or magnetic resonance imaging or MRI or cognit\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,tw.
11	(gross adj motor adj function adj classification\$).ti,tw.
12	(psychometr\$ adj3 test\$).ti,tw.
13	((unilateral or bilateral) adj4 motor\$).ti,tw.
14	exp MOVEMENT DISORDERS/ or exp DYSKINESIAS/ or exp BASAL GANGLIA DISEASES/ or exp EPILEPSY/ or exp DEGLUTITION DISORDERS/ or exp ENTERAL NUTRITION/
15	((enteral or tube\$) adj3 (fed or feed\$)).ti,tw.
16	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,tw.
17	exp SCOLIOSIS/ or exp RESPIRATORY TRACT DISEASES/
18	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,tw.
19	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,tw.
20	or/9-19
21	and/4,8,20
22	exp CEREBRAL PALSY/co [Complications]
23	21 or 22

1

### E.6.62 Database: Embase

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psychlit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	CLINICAL STUDY/
13	CASE CONTROL STUDY/
14	FAMILY STUDY/
15	LONGITUDINAL STUDY/
16	RETROSPECTIVE STUDY/
17	PROSPECTIVE STUDY/
18	RANDOMIZED CONTROLLED TRIALS/
19	17 not 18
20	COHORT ANALYSIS/
21	(Cohort adj (study or studies)).mp.
22	(Case control adj (study or studies)).tw.
23	(follow up adj (study or studies)).tw.
24	(observational adj (study or studies)).tw.
25	(epidemiologic\$ adj (study or studies)).tw.
26	(cross sectional adj (study or studies)).tw.
27	or/12-16,19-26
28	11 or 27
29	CEREBRAL PALSY/
30	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
31	little? disease.ti,ab.
32	or/29-31
33	exp WALKING/ or exp SPEECH/ or exp VERBAL BEHAVIOR/ or exp SURVIVAL/ or exp MORTALITY/
34	(walk\$ or ambulat\$ or locomot\$ or talk\$ or speak\$ or speech\$ or verbal\$ or surviv\$).ti,ab.
35	(life adj2 expect\$).ti,ab.
36	or/33-35

#	Searches
37	exp DISEASE SEVERITY/ or exp DISEASE COURSE/ or exp GROSS MOTOR FUNCTION CLASSIFICATION SYSTEM/ or exp MOTOR PERFORMANCE/ or exp COGNITION/ or exp NUCLEAR MAGNETIC RESONANCE IMAGING/ or exp NEUROPSYCHOLOGICAL TEST/ or exp PSYCHOMETRY/ or exp INTELLIGENCE/ or exp INTELLIGENCE TEST/ or exp INTELLECTUAL IMPAIRMENT/ or exp MOTOR PERFORMANCE/ or exp MOTOR DYSFUNCTION/ or exp SITTING/
38	(GMFCS or magnetic resonance imaging or MRI or cognitit\$ or IQ or intelligence quotient\$ or quadriplegi\$ or hemiplegi\$ or diplegi\$ or sit\$ or seated).ti,ab.
39	(gross adj motor adj function adj classification\$).ti,ab.
40	(psychometr\$ adj3 test\$).ti,ab.
41	((unilateral or bilateral) adj4 motor\$).ti,ab.
42	exp SPASTICITY/ or exp DYSTONIA/ or exp DYSKINESIA/ or exp EXTRAPYRAMIDAL SYNDROME/ or exp EPILEPSY/ or exp DYSPHAGIA/ or exp ENTERIC FEEDING/
43	((enteral or tube\$) adj3 (fed or feed\$)).ti,ab.
44	(spastic\$ or dystoni\$ or tic\$ or tourett\$ or tremor\$ or ataxi\$ or epilep\$ or seiz\$ or myoclon\$ or swallow\$ or deglut\$ or dysphagi\$ or gavage).ti,ab.
45	exp SCOLIOSIS/ or exp RESPIRATORY TRACT INFECTION/ or exp LUNG DISEASE/
46	(scoliosis or pneumonia or bronchitis or bronchiolitis or respiratory distress syndrome or RDS).ti,ab.
47	((lung\$ or respirat\$ or chest) adj3 (infection\$ or disease\$)).ti,ab.
48	or/37-47
49	predict.ti.
50	(validat* or rule*).ti,ab.
51	(predict* and (outcome* or risk* or model*)).ti,ab.
52	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
53	decision*.ti,ab. and STATISTICAL MODEL/
54	(decision* and (model* or clinical*)).ti,ab.
55	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
56	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
57	RECEIVER OPERATING CHARACTERISTIC/
58	exp PROGNOSIS/
59	or/49-58
60	and/32,36,48,59
61	*CEREBRAL PALSY/co, di, ep [Complication, Diagnosis, Epidemiology]
62	60 or 61
63	28 and 62
64	limit 63 to english language
65	conference abstract.pt.
66	letter.pt. or LETTER/
67	note.pt.
68	editorial.pt.
69	CASE REPORT/ or CASE STUDY/
70	(letter or comment* or abstracts).ti.
71	or/65-70
72	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
73	71 not 72
74	ANIMAL/ not HUMAN/
75	NONHUMAN/
76	exp ANIMAL EXPERIMENT/
77	exp EXPERIMENTAL ANIMAL/
78	ANIMAL MODEL/
79	exp RODENT/
80	(rat or rats or mouse or mice).ti.
81	or/73-80
82	64 not 81

## E.7.1 Information and support

### E.7.1.2 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	HEALTH EDUCATION/
6	exp CONSUMER HEALTH INFORMATION/
7	PATIENT EDUCATION AS TOPIC/
8	patient education handout.pt.
9	guideline.pt.

#	Searches
10	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
11	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).ti,ab.
12	(PUBLICATIONS/ or PAMPHLETS/ or POSTERS AS TOPIC/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti,ab.
13	(exp COUNSELING/ or DECISION SUPPORT TECHNIQUES/ or SOCIAL SUPPORT/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
14	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
15	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
16	or/5-15
17	and/4,16
18	limit 17 to english language
19	LETTER/
20	EDITORIAL/
21	NEWS/
22	exp HISTORICAL ARTICLE/
23	ANECDOTES AS TOPIC/
24	COMMENT/
25	CASE REPORT/
26	(letter or comment*).ti.
27	or/19-26
28	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
29	27 not 28
30	ANIMALS/ not HUMANS/
31	exp ANIMALS, LABORATORY/
32	exp ANIMAL EXPERIMENTATION/
33	exp MODELS, ANIMAL/
34	exp RODENTIA/
35	(rat or rats or mouse or mice).ti.
36	or/29-35
37	18 not 36
38	interview\$.tw. or exp HEALTH SERVICES ADMINISTRATION/ or px.fs. [Psychology]
39	and/37-38

1

### E.7.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
5	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).ti,ab.
6	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
7	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
8	or/4-7
9	and/3,8

3

### E.7.31 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	HEALTH EDUCATION.sh,kw.
6	exp CONSUMER HEALTH INFORMATION/ or CONSUMER HEALTH INFORMATION.kw.
7	PATIENT EDUCATION AS TOPIC/ or PATIENT EDUCATION.kw.
8	patient education handout.pt.
9	guideline.pt.
10	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
11	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).ti,ab.
12	(PUBLICATIONS/ or PAMPHLETS/ or POSTERS AS TOPIC/ or PUBLICATION.kw.) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti,ab.
13	(exp COUNSELING/ or DECISION SUPPORT TECHNIQUES/ or SOCIAL SUPPORT/ or (COUNSELING or DECISION SUPPORT SYSTEM or SOCIAL SUPPORT).kw.) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
14	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
15	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
16	or/5-15
17	and/4,16

2

### E.7.43 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 4 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	HEALTH EDUCATION.kw.
6	CONSUMER HEALTH INFORMATION.kw.
7	PATIENT EDUCATION AS TOPIC.kw.
8	patient education handout.pt.
9	guideline.pt.
10	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).tw,tx.
11	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).tw,tx.
12	(PUBLICATIONS or PAMPHLETS or POSTERS AS TOPIC).kw. and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).tw,tx.
13	(COUNSELING or DECISION SUPPORT TECHNIQUES or SOCIAL SUPPORT).kw. and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
14	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
15	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).tw,tx.
16	or/5-15
17	and/4,16

5



### E.7.51 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	HEALTH EDUCATION/
6	PATIENT EDUCATION AS TOPIC/
7	patient education handout.pt.
8	guideline.pt.
9	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).tw.
10	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).tw.
11	(PUBLICATIONS/ or PAMPHLETS/ or POSTERS AS TOPIC/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).tw.
12	(exp COUNSELING/ or DECISION SUPPORT TECHNIQUES/ or SOCIAL SUPPORT/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
13	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
14	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).tw.
15	or/5-14
16	and/4,15

2

### E.7.63 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	HEALTH EDUCATION/
6	CONSUMER HEALTH INFORMATION/
7	PATIENT EDUCATION/
8	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
9	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).ti,ab.
10	PUBLICATION/ and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti,ab.
11	(exp COUNSELING/ or DECISION SUPPORT SYSTEM/ or SOCIAL SUPPORT/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
12	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
13	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
14	or/5-13
15	and/4,14
16	limit 15 to english language
17	letter.pt. or LETTER/
18	note.pt.
19	editorial.pt.
20	CASE REPORT/ or CASE STUDY/
21	(letter or comment*).ti.
22	or/17-21
23	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.

#	Searches
24	22 not 23
25	ANIMAL/ not HUMAN/
26	NONHUMAN/
27	exp ANIMAL EXPERIMENT/
28	exp EXPERIMENTAL ANIMAL/
29	ANIMAL MODEL/
30	exp RODENT/
31	(rat or rats or mouse or mice).ti.
32	or/24-31
33	16 not 32
34	(interview\$ or qualitative).tw. or exp HEALTH CARE ORGANIZATION/
35	and/33-34

1

### E.7.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	HEALTH EDUCATION/
6	HEALTH KNOWLEDGE/
7	CLIENT EDUCATION/
8	((information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruction\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
9	((information\$ or educat\$) adj3 (model\$ or program\$ or need\$ or requirement\$ or support\$ or seek\$ or access\$ or disseminat\$)).ti,ab.
10	COMMUNICATION/ and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti,ab.
11	(exp COUNSELING/ or DECISION SUPPORT SYSTEMS/ or SOCIAL SUPPORT/) and (patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$).ti.
12	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (information\$ or educat\$ or learn\$ or train\$ or program\$ or advi?e\$ or instruct\$ or teach\$ or knowledge or understanding or misunderstanding or communicat\$ or involvement or support\$ or counsel\$)).ti.
13	((patient\$ or adolescen\$ or teen\$ or youth\$ or young person? or young people or child\$ or famil\$ or parent? or parental or father\$ or mother\$ or caregiver\$) adj3 (pamphlet\$ or leaflet\$ or booklet\$ or manual\$ or brochure\$ or publication\$ or handout\$ or website\$ or web site\$ or web page\$ or webpage\$ or video\$ or dvd\$ or online\$ or internet\$ or app? or application?)).ti,ab.
14	or/5-13
15	and/4,14
16	limit 15 to english language
17	limit 16 to human
18	experience\$.mp. or interview\$.tw. or qualitative\$.tw.
19	and/17-18
20	limit 19 to all journals

## E.8.3 Assessment of eating, drinking and swallowing difficulties

### E.8.14 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	or/1-6
8	*DEVELOPMENTAL DISABILITIES/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
11	(neurolog\$ adj impair\$).ti,ab.
12	or/7-11
13	exp FLUOROSCOPY/ or CINERADIOGRAPHY/

#	Searches
14	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).ti,ab.
15	(esoph#gram? or oesoph#gram?).ti,ab.
16	exp ENDOSCOPY/ and FIBER OPTIC TECHNOLOGY/
17	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).ti,ab.
18	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).ti,ab.
19	cookie swallow.ti,ab.
20	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).ti,ab.
21	or/13-20
22	FEEDING BEHAVIOR/
23	exp DEGLUTITION DISORDERS/ or DEGLUTITION/
24	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).ti,ab.
25	dysphag\$.ti,ab.
26	exp RESPIRATORY ASPIRATION/
27	exp PNEUMONIA, ASPIRATION/
28	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).ti,ab.
29	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
30	or/22-29
31	QUESTIONNAIRES/
32	"SEVERITY OF ILLNESS INDEX"/
33	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti.
34	exp "SENSITIVITY AND SPECIFICITY"/
35	(sensitivity or specificity).ti,ab.
36	((pre test or pretest or post test or posttest) adj probability).ti,ab.
37	(predictive value\$ or PPV or NPV).ti,ab.
38	likelihood ratio\$.ti,ab.
39	LIKELIHOOD FUNCTIONS/
40	(ROC curve\$ or AUC).ti,ab.
41	diagnos\$.ti.
42	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
43	gold standard.ab.
44	di.fs.
45	or/31-44
46	and/7,21
47	and/7,30,45
48	exp DEGLUTITION DISORDERS/di, pa, pp, ra, ri [Diagnosis, Pathology, Physiopathology, Radiography, Radionuclide Imaging]
49	and/12,48
50	or/46-47,49
51	limit 50 to english language
52	LETTER/
53	EDITORIAL/
54	NEWS/
55	exp HISTORICAL ARTICLE/
56	ANECDOTES AS TOPIC/
57	COMMENT/
58	(letter or comment*).ti.
59	or/52-58
60	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
61	59 not 60
62	ANIMALS/ not HUMANS/
63	exp ANIMALS, LABORATORY/
64	exp ANIMAL EXPERIMENTATION/
65	exp MODELS, ANIMAL/
66	exp RODENTIA/
67	(rat or rats or mouse or mice).ti.
68	or/61-67
69	51 not 68

1

## E.8.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	worster drought.ti,ab.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.

#	Searches
4	little? disease.ti,ab.
5	or/1-4
6	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).ti,ab.
7	(esoph#gram? or oesoph#gram?).ti,ab.
8	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).ti,ab.
9	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).ti,ab.
10	cookie swallow.ti,ab.
11	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).ti,ab.
12	or/6-11
13	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).ti,ab.
14	dysphag\$.ti,ab.
15	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).ti,ab.
16	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
17	or/13-16
18	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti.
19	(sensitivity or specificity).ti,ab.
20	((pre test or pretest or post test or posttest) adj probability).ti,ab.
21	(predictive value\$ or PPV or NPV).ti,ab.
22	likelihood ratio\$.ti,ab.
23	(ROC curve\$ or AUC).ti,ab.
24	diagnos\$.ti.
25	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
26	gold standard.ab.
27	or/18-26
28	and/5,12
29	and/5,17,27
30	or/28-29

1

### E.8.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab,kw.
6	little? disease.ti,ab.
7	or/1-6
8	*DEVELOPMENTAL DISABILITIES/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab,kw.
11	(neurolog\$ adj impair\$).ti,ab.
12	or/7-11
13	exp FLUOROSCOPY/ or CINERADIOGRAPHY/
14	FLUOROSCOPI\$.kw.
15	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).ti,ab,kw.
16	(esoph#gram? or oesoph#gram?).ti,ab.
17	exp ENDOSCOPY/ and FIBER OPTIC TECHNOLOGY/
18	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).ti,ab,kw.
19	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).ti,ab,kw.
20	cookie swallow.ti,ab.
21	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).ti,ab.
22	or/13-21
23	FEEDING BEHAVIOR.sh,kw.
24	exp DEGLUTITION DISORDERS/ or DEGLUTITION/
25	SWALLOWING.kw.
26	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).ti,ab.
27	dysphag\$.ti,ab,kw.
28	exp RESPIRATORY ASPIRATION/
29	exp PNEUMONIA, ASPIRATION/
30	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).ti,ab,kw.
31	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.

#	Searches
32	or/23-31
33	QUESTIONNAIRE?.sh,kw.
34	"SEVERITY OF ILLNESS INDEX".sh,kw.
35	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti,kw.
36	exp "SENSITIVITY AND SPECIFICITY"/
37	(sensitivity or specificity).ti,ab,kw.
38	((pre test or pretest or post test or posttest) adj probability).ti,ab.
39	(predictive value\$ or PPV or NPV).ti,ab.
40	likelihood ratio\$.ti,ab.
41	LIKELIHOOD FUNCTIONS/
42	STATISTICAL MODEL?.kw.
43	(ROC curve\$ or AUC).ti,ab.
44	diagnos\$.ti.
45	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab,kw.
46	gold standard.ab.
47	di.fs.
48	or/33-47
49	and/7,22
50	and/7,32,48
51	exp DEGLUTITION DISORDERS/di, pa, pp, ra, ri [Diagnosis, Pathology, Physiopathology, Radiography, Radionuclide Imaging]
52	and/12,51
53	or/49-50,52

1

### E.8.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw,tx,kw.
2	worster drought.tw,tx.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).tw,tx,kw.
4	little? disease.tw,tx.
5	or/1-4
6	(FLUOROSCOPY or CINERADIOGRAPHY).kw.
7	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).tw,tx.
8	(esoph#gram? or oesoph#gram?).tw,tx.
9	(ENDOSCOPY and FIBER OPTIC TECHNOLOGY).kw.
10	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).tw,tx.
11	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).tw,tx.
12	cookie swallow.tw,tx.
13	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).tw,tx.
14	or/6-13
15	FEEDING BEHAVIOR.kw.
16	DEGLUTITION\$.kw.
17	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).tw,tx.
18	dysphag\$.tw,tx.
19	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).tw,tx,kw.
20	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).tw,tx.
21	or/15-20
22	QUESTIONNAIRES.kw.
23	"SEVERITY OF ILLNESS INDEX".kw.
24	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti,kw.
25	(sensitivity or specificity).tw,tx,kw.
26	((pre test or pretest or post test or posttest) adj probability).tw,tx.
27	(predictive value\$ or PPV or NPV).tw,tx.
28	likelihood ratio\$.tw,tx.
29	LIKELIHOOD FUNCTIONS.kw.
30	(ROC curve\$ or AUC).tw,tx.
31	diagnos\$.ti.
32	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).tw,tx.
33	gold standard.tw,tx.
34	or/22-33
35	and/5,14

#	Searches
36	and/5,21,34
37	or/35-36

1

### E.8.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	worster drought.tw.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).tw.
6	little? disease.tw.
7	*DEVELOPMENTAL DISABILITIES/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
10	(neurolog\$ adj impair\$).tw.
11	or/1-10
12	exp FLUOROSCOPY/ or CINERADIOGRAPHY/
13	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).tw.
14	(esoph#gram? or oesoph#gram?).tw.
15	exp ENDOSCOPY/ and FIBER OPTIC TECHNOLOGY/
16	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).tw.
17	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).tw.
18	cookie swallow.tw.
19	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).tw.
20	or/12-19
21	FEEDING BEHAVIOR/
22	exp DEGLUTITION DISORDERS/ or DEGLUTITION/
23	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).tw.
24	dysphag\$.tw.
25	exp RESPIRATORY ASPIRATION/
26	exp PNEUMONIA, ASPIRATION/
27	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).tw.
28	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).tw.
29	or/21-28
30	QUESTIONNAIRES/
31	"SEVERITY OF ILLNESS INDEX"/
32	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti.
33	exp "SENSITIVITY AND SPECIFICITY"/
34	(sensitivity or specificity).tw.
35	((pre test or pretest or post test or posttest) adj probability).tw.
36	(predictive value\$ or PPV or NPV).tw.
37	likelihood ratio\$.tw.
38	LIKELIHOOD FUNCTIONS/
39	(ROC curve\$ or AUC).tw.
40	diagnos\$.ti.
41	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).tw.
42	gold standard.tw.
43	di.fs.
44	or/30-43
45	and/11,20
46	and/11,29,44
47	exp DEGLUTITION DISORDERS/di, pa, pp, ra, ri [Diagnosis, Pathology, Physiopathology, Radiography, Radionuclide Imaging]
48	and/11,47
49	or/45-46,48

3

### E.8.64 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.

#	Searches
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	or/1-6
8	DEVELOPMENTAL DISORDER/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
11	(neurolog\$ adj impair\$).ti,ab.
12	or/7-11
13	FLUOROSCOPY/ or FLUOROSCOPY SYSTEM/
14	(videoflu?roscop\$ or video flu?roscop\$ or videoradiogra\$ or video radiogra\$ or barium).ti,ab.
15	(esoph#gram? or oesoph#gram?).ti,ab.
16	FIBERSCOPE ENDOSCOPY/ or VIDEOENDOSCOPY/
17	exp ENDOSCOPY/ and FIBER OPTICS/
18	((flexible or fiberoptic\$ or fiber optic\$ or fibreoptic\$ or fibre optic\$) adj2 endoscop\$).ti,ab.
19	(fibroendoscop\$ or fibro endoscop\$ or fibroscop\$ or fibro scop\$).ti,ab.
20	cookie swallow.ti,ab.
21	((swallow or deglut\$ or oral motor or oralmotor or oro motor or oromotor or feeding or meal\$ or dysphag\$) adj2 (stud\$ or exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices)).ti,ab.
22	or/13-21
23	FEEDING BEHAVIOR/
24	exp DYSPHAGIA/ or SWALLOWING/
25	((eat\$ or drink\$ or drank or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$ or disturb\$)).ti,ab.
26	dysphag\$.ti,ab.
27	exp PULMONARY ASPIRATION/
28	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$ or pneumonia or respirat\$) adj3 aspirat\$).ti,ab.
29	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
30	or/23-29
31	CLINICAL ASSESSMENT/
32	CLINICAL ASSESSMENT TOOL/
33	FUNCTIONAL ASSESSMENT/
34	exp QUESTIONNAIRE/
35	SEVERITY OF ILLNESS INDEX/
36	(exam\$ or evaluat\$ or assess\$ or profil\$ or screen\$ or observ\$ or scale? or survey? or measur\$ or index\$ or indices).ti.
37	"SENSITIVITY AND SPECIFICITY"/
38	(sensitivity or specificity).ti,ab.
39	((pre test or pretest or post test or posttest) adj probability).ti,ab.
40	(predictive value\$ or PPV or NPV).ti,ab.
41	likelihood ratio\$.ti,ab.
42	STATISTICAL MODEL/
43	(ROC curve\$ or AUC).ti,ab.
44	diagnos\$.ti.
45	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
46	gold standard.ab.
47	*DIAGNOSTIC ACCURACY/ or DIAGNOSTIC TEST ACCURACY STUDY/
48	di.fs.
49	or/31-48
50	and/7,22
51	and/7,30,49
52	exp DYSPHAGIA/di [Diagnosis]
53	and/12,52
54	or/50-51,53
55	limit 54 to english language
56	letter.pt. or LETTER/
57	note.pt.
58	editorial.pt.
59	(letter or comment*).ti.
60	or/56-59
61	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
62	60 not 61
63	ANIMAL/ not HUMAN/
64	NONHUMAN/
65	exp ANIMAL EXPERIMENT/
66	exp EXPERIMENTAL ANIMAL/
67	ANIMAL MODEL/
68	exp RODENT/
69	(rat or rats or mouse or mice).ti.

#	Searches
70	or/62-69
71	55 not 70

## E.9.1 Management of eating, drinking and swallowing difficulties

### E.9.1.2 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	or/1-6
8	exp NUTRITION DISORDERS/
9	EATING DISORDERS/ or "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
10	FEEDING BEHAVIOR/
11	exp DEGLUTITION DISORDERS/
12	exp CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA/
13	NUTRITIONAL STATUS/
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$)).ti,ab.
15	dysphag\$.ti,ab.
16	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$).ti,ab.
17	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
18	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
19	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
20	((nutrition\$ or nourish\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
21	or/8-20
22	(thick or thicken\$).ti,ab.
23	textur\$.ti,ab.
24	(modif\$ adj3 diet\$).ti,ab.
25	exp POSTURE/
26	exp PATIENT POSITIONING/
27	(postur\$ or position\$).ti,ab.
28	((seat\$ or sit\$) adj3 device?).ti,ab.
29	FEEDING METHODS/
30	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).ti,ab.
31	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).ti,ab.
32	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
33	((sensorimotor? or sensori-motor?) adj3 (activator? or regulator?)).ti,ab.
34	ISMAR.ti,ab.
35	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
36	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
37	ELECTRIC STIMULATION THERAPY/
38	(electric\$ adj3 stimulat\$).ti,ab.
39	MYOFUNCTIONAL THERAPY/
40	(myofunctional adj3 therap\$).ti,ab.
41	RESISTANCE TRAINING/
42	(lip? adj3 (exercis\$ or strengthen\$)).ti,ab.
43	oral screen?.ti,ab.
44	RECOVERY OF FUNCTION/
45	(recover\$ adj3 func\$).ti,ab.
46	SPEECH-LANGUAGE PATHOLOGY/
47	((speech or language) adj3 patholog\$).ti,ab.
48	SPEECH THERAPY/
49	(speech adj3 therap\$).ti,ab.
50	OCCUPATIONAL THERAPY/
51	(occupational adj3 therap\$).ti,ab.
52	exp ORTHODONTIC APPLIANCES/
53	ORTHODONTIC APPLIANCE DESIGN/
54	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).ti,ab.
55	EQUIPMENT DESIGN/
56	SELF-HELP DEVICES/
57	((equipment or device?) adj3 design\$).ti,ab.



#	Searches
58	((assistive or self help\$) adj3 (device? or technolog\$)).ti,ab.
59	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine?)).ti,ab.
60	or/22-59
61	7 and 21 and 60
62	rehabilitation.fs.
63	therapy.fs.
64	drug therapy.fs.
65	62 or 63 or 64
66	7 and 21 and 65
67	61 or 66
68	limit 67 to english language
69	LETTER/
70	EDITORIAL/
71	NEWS/
72	exp HISTORICAL ARTICLE/
73	ANECDOTES AS TOPIC/
74	COMMENT/
75	CASE REPORT/
76	(letter or comment*).ti.
77	or/69-76
78	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
79	77 not 78
80	ANIMALS/ not HUMANS/
81	exp ANIMALS, LABORATORY/
82	exp ANIMAL EXPERIMENTATION/
83	exp MODELS, ANIMAL/
84	exp RODENTIA/
85	(rat or rats or mouse or mice).ti.
86	or/79-85
87	68 not 86

1

### E.9.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	worster drought.ti,ab.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
4	little? disease.ti,ab.
5	or/1-4
6	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$)).ti,ab.
7	dysphag\$.ti,ab.
8	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$).ti,ab.
9	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
10	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
11	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
12	((nutrition\$ or nourish\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
13	or/6-12
14	(thick or thicken\$).ti,ab.
15	textur\$.ti,ab.
16	(modif\$ adj3 diet\$).ti,ab.
17	(postur\$ or position\$).ti,ab.
18	((seat\$ or sit\$) adj3 device?).ti,ab.
19	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).ti,ab.
20	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).ti,ab.
21	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
22	((sensorimotor? or sensori-motor?) adj3 (activator? or regulator?)).ti,ab.
23	ISMAR.ti,ab.
24	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
25	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
26	(electric\$ adj3 stimulat\$).ti,ab.
27	(myofunctional adj3 therap\$).ti,ab.
28	(lip? adj3 (exercis\$ or strengthen\$)).ti,ab.
29	oral screen?.ti,ab.
30	(recover\$ adj3 func\$).ti,ab.

#	Searches
31	((speech or language) adj3 patholog\$).ti,ab.
32	(speech adj3 therap\$).ti,ab.
33	(occupational adj3 therap\$).ti,ab.
34	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).ti,ab.
35	((equipment or device?) adj3 design\$).ti,ab.
36	((assistive or self help\$) adj3 (device? or technolog\$)).ti,ab.
37	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine?)).ti,ab.
38	or/14-37
39	5 and 13 and 38

1

### E.9.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab,kw.
6	little? disease.ti,ab.
7	or/1-6
8	exp NUTRITION DISORDERS/
9	EATING DISORDERS/ or "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
10	FEEDING BEHAVIOR/
11	exp DEGLUTITION DISORDERS/
12	exp CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA/
13	NUTRITIONAL STATUS/
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$)).ti,ab,kw.
15	dysphag\$.ti,ab.
16	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$).ti,ab.
17	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
18	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
19	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
20	((nutrition\$ or nourish\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab,kw.
21	or/8-20
22	(thick or thicken\$).ti,ab.
23	textur\$.ti,ab.
24	(modif\$ adj3 diet\$).ti,ab.
25	exp POSTURE/
26	exp PATIENT POSITIONING/
27	(postur\$ or position\$).ti,ab,kw.
28	((seat\$ or sit\$) adj3 device?).ti,ab.
29	FEEDING METHODS/
30	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).ti,ab,kw.
31	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).ti,ab.
32	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
33	((sensorimotor? or sensori-motor?) adj3 (activator? or regulator?)).ti,ab.
34	ISMAR.ti,ab.
35	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
36	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
37	ELECTRIC STIMULATION THERAPY/
38	(electric\$ adj3 stimulat\$).ti,ab,kw.
39	MYOFUNCTIONAL THERAPY/
40	(myofunctional adj3 therap\$).ti,ab,kw.
41	RESISTANCE TRAINING/
42	(lip? adj3 (exercis\$ or strengthen\$)).ti,ab.
43	oral screen?.ti,ab.
44	RECOVERY OF FUNCTION/
45	(recover\$ adj3 func\$).ti,ab,kw.
46	SPEECH-LANGUAGE PATHOLOGY/
47	((speech or language) adj3 patholog\$).ti,ab,kw.
48	SPEECH THERAPY/
49	(speech adj3 therap\$).ti,ab,kw.
50	OCCUPATIONAL THERAPY/
51	(occupational adj3 therap\$).ti,ab,kw.

#	Searches
52	exp ORTHODONTIC APPLIANCES/
53	ORTHODONTIC APPLIANCE DESIGN/
54	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).ti,ab,kw.
55	EQUIPMENT DESIGN/
56	SELF-HELP DEVICES/
57	((equipment or device?) adj3 design\$).ti,ab,kw.
58	((assistive or self help\$) adj3 (device? or technolog\$)).ti,ab,kw.
59	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine?)).ti,ab.
60	or/22-59
61	7 and 21 and 60
62	rh.fs.
63	th.fs.
64	dt.fs.
65	62 or 63 or 64
66	7 and 21 and 65
67	61 or 66

1

### E.9.42 Database: Cochrane Database of Systematic Reviews

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY.kw.
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	or/1-6
8	NUTRITION DISORDERS.kw.
9	(EATING DISORDERS or "FEEDING AND EATING DISORDERS OF CHILDHOOD").kw.
10	FEEDING BEHAVIOR.kw.
11	DEGLUTITION DISORDERS.kw.
12	CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA.kw.
13	NUTRITIONAL STATUS.kw.
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$)).ti,ab.
15	dysphag\$.ti,ab.
16	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$).ti,ab.
17	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
18	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
19	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
20	((nutrition\$ or nourish\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
21	or/8-20
22	(thick or thicken\$).ti,ab.
23	textur\$.ti,ab.
24	(modif\$ adj3 diet\$).ti,ab.
25	POSTURE.kw.
26	PATIENT POSITIONING.kw.
27	(postur\$ or position\$).ti,ab.
28	((seat\$ or sit\$) adj3 device?).ti,ab.
29	FEEDING METHODS.kw.
30	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).ti,ab.
31	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).ti,ab.
32	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
33	((sensorimotor? or sensori-motor?) adj3 (activator? or regulator?)).ti,ab.
34	ISMAR.ti,ab.
35	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
36	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
37	ELECTRIC STIMULATION THERAPY.kw.
38	(electric\$ adj3 stimulat\$).ti,ab.
39	MYOFUNCTIONAL THERAPY.kw.
40	(myofunctional adj3 therap\$).ti,ab.
41	RESISTANCE TRAINING.kw.
42	(lip? adj3 (exercis\$ or strengthen\$)).ti,ab.
43	oral screen?.ti,ab.
44	RECOVERY OF FUNCTION.kw.

#	Searches
45	(recover\$ adj3 func\$).ti,ab.
46	SPEECH-LANGUAGE PATHOLOGY.kw.
47	((speech or language) adj3 patholog\$).ti,ab.
48	SPEECH THERAPY.kw.
49	(speech adj3 therap\$).ti,ab.
50	OCCUPATIONAL THERAPY.kw.
51	(occupational adj3 therap\$).ti,ab.
52	ORTHODONTIC APPLIANCES.kw.
53	ORTHODONTIC APPLIANCE DESIGN.kw.
54	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).ti,ab.
55	EQUIPMENT DESIGN.kw.
56	SELF-HELP DEVICES.kw.
57	((equipment or device?) adj3 design\$).ti,ab.
58	((assistive or self help\$) adj3 (device? or technolog\$)).ti,ab.
59	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine?)).ti,ab.
60	or/22-59
61	7 and 21 and 60

1

### E.9.52 Database: Database of Abstracts of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	worster drought.tw.
4	PSEUDOBULBAR PALSY.kw.
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).tw.
6	little? disease.tw.
7	or/1-6
8	NUTRITION DISORDERS.kw.
9	(EATING DISORDERS or "FEEDING AND EATING DISORDERS OF CHILDHOOD").kw.
10	FEEDING BEHAVIOR.kw.
11	DEGLUTITION DISORDERS.kw.
12	CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA.kw.
13	NUTRITIONAL STATUS.kw.
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder\$ or dysfunc\$ or function\$ or disabilit\$ or impair\$ or problem\$ or inabilit\$ or difficult\$ or abnormal\$)).tw.
15	dysphag\$.tw.
16	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$).tw.
17	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).tw.
18	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).tw.
19	(underweight? or under weight? or overweight? or over weight? or obes\$).tw.
20	((nutrition\$ or nourish\$) adj3 (disorder? or deficien\$ or poor or status)).tw.
21	or/8-20
22	(thick or thicken\$).tw.
23	textur\$.tw.
24	(modif\$ adj3 diet\$).tw.
25	POSTURE.kw.
26	PATIENT POSITIONING.kw.
27	(postur\$ or position\$).tw.
28	((seat\$ or sit\$) adj3 device?).tw.
29	FEEDING METHODS.kw.
30	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).tw.
31	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).tw.
32	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).tw.
33	((sensormotor? or sensori-motor?) adj3 (activator? or regulator?)).tw.
34	ISMAR.tw.
35	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).tw.
36	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).tw.
37	ELECTRIC STIMULATION THERAPY.kw.
38	(electric\$ adj3 stimulat\$).tw.
39	MYOFUNCTIONAL THERAPY.kw.
40	(myofunctional adj3 therap\$).tw.
41	RESISTANCE TRAINING.kw.
42	(lip? adj3 (exercis\$ or strengthen\$)).tw.
43	oral screen?.tw.

#	Searches
44	RECOVERY OF FUNCTION.kw.
45	(recover\$ adj3 func\$.tw.
46	SPEECH-LANGUAGE PATHOLOGY.kw.
47	((speech or language) adj3 patholog\$.tw.
48	SPEECH THERAPY.kw.
49	(speech adj3 therap\$.tw.
50	OCCUPATIONAL THERAPY.kw.
51	(occupational adj3 therap\$.tw.
52	ORTHODONTIC APPLIANCES.kw.
53	ORTHODONTIC APPLIANCE DESIGN.kw.
54	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).tw.
55	EQUIPMENT DESIGN.kw.
56	SELF-HELP DEVICES.kw.
57	((equipment or device?) adj3 design\$.tw.
58	((assistive or self help\$) adj3 (device? or technolog\$)).tw.
59	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine\$)).tw.
60	or/22-59
61	7 and 21 and 60

### E.9.61 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$.ti,ab.
6	little? disease.ti,ab.
7	or/1-6
8	exp NUTRITIONAL DISORDER/
9	EATING DISORDER/
10	FEEDING BEHAVIOR/
11	exp DYSPHAGIA/
12	CHILD NUTRITION/
13	NUTRITIONAL STATUS/
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
15	dysphag\$.ti,ab.
16	((oropharyn\$ or trachea\$ or lung\$ or pulmon\$) adj3 aspirat\$.ti,ab.
17	((oropharyn\$ or pharyng\$) adj3 (disorder\$ or dysfunc\$ or impair\$)).ti,ab.
18	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$.ti,ab.
19	(underweight? or under weight? or overweight? or over weight? or obes\$.ti,ab.
20	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).ti,ab.
21	or/8-20
22	(thick or thicken\$.ti,ab.
23	textur\$.ti,ab.
24	(modif\$ adj3 diet\$.ti,ab.
25	BODY POSTURE/
26	PATIENT POSITIONING/
27	(postur\$ or position\$.ti,ab.
28	((seat\$ or sit\$) adj3 device?).ti,ab.
29	((food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$) adj3 (method? or technique? or practice? or experience\$)).ti,ab.
30	((speed\$ or slow\$ or fast\$ or pace? or pacing or efficien\$) adj3 (food? or feed\$ or fed or eat\$ or masticat\$ or meal\$ or drink\$)).ti,ab.
31	(Sens\$ adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
32	((sensorimotor? or sensori-motor?) adj3 (activator? or regulator?)).ti,ab.
33	ISMAR.ti,ab.
34	((oromotor\$ or oro-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
35	((oralmotor\$ or oral-motor\$) adj3 (therap\$ or treat\$ or train\$ or exercis\$)).ti,ab.
36	ELECTROSTIMULATION THERAPY/
37	(electr\$ adj3 stimulat\$.ti,ab.
38	MUSCLE TRAINING/
39	(myofunctional adj3 therap\$.ti,ab.
40	RESISTANCE TRAINING/
41	(lip? adj3 (exercis\$ or strengthen\$)).ti,ab.
42	oral screen?.ti,ab.
43	(recover\$ adj3 func\$.ti,ab.
44	((speech or language) adj3 patholog\$.ti,ab.
45	SPEECH THERAPY/

#	Searches
46	(speech adj3 therap\$).ti,ab.
47	OCCUPATIONAL THERAPY/
48	(occupational adj3 therap\$).ti,ab.
49	exp ORTHODONTIC DEVICE/
50	((intra-oral\$ or intraoral\$ or orthodontic) adj3 appliance?).ti,ab.
51	EQUIPMENT DESIGN/
52	SELF HELP DEVICE/
53	((equipment or device?) adj3 design\$).ti,ab.
54	((assistive or self help\$) adj3 (device? or technolog\$)).ti,ab.
55	((feed\$ or eat\$ or masticat\$ or drink\$) adj3 (equipment or device? or technolog\$ or machine?)).ti,ab.
56	or/22-55
57	7 and 21 and 56
58	CEREBRAL PALSY/dt, rh, th [DRUG THERAPY, REHABILITATION, THERAPY]
59	21 and 58
60	57 or 59
61	limit 60 to english language
62	letter.pt. or LETTER/
63	note.pt.
64	editorial.pt.
65	CASE REPORT/ or CASE STUDY/
66	(letter or comment*).ti.
67	or/62-66
68	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
69	67 not 68
70	ANIMAL/ not HUMAN/
71	NONHUMAN/
72	exp ANIMAL EXPERIMENT/
73	exp EXPERIMENTAL ANIMAL/
74	ANIMAL MODEL/
75	exp RODENT/
76	(rat or rats or mouse or mice).ti.
77	or/69-76
78	61 not 77

### E.9.71 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys* or pares*)).ti,ab.
3	"worster drought".ti,ab.
4	("pseudobulbar pals*" or "pseudo bulbar pals*").ti,ab.
5	"little* disease".ti,ab.
6	or/1-5
7	exp NUTRITION DISORDERS/
8	EATING DISORDERS/
9	FEEDING AND EATING DISORDERS OF CHILDHOOD/
10	EATING BEHAVIOR/
11	DEGLUTITION DISORDERS/
12	exp CHILD NUTRITIONAL PHYSIOLOGY/
13	NUTRITIONAL STATUS/
14	((eat* or fed or feed* or swallow* or deglut* or oral motor or oromotor or oro motor) adj3 (disorder* or dysfunc* or function* or disabilit* or impair* or problem* or inabilit* or difficult* or abnormal*)).ti,ab.
15	dysphag*.ti,ab.
16	((oropharyn* or trachea* or lung* or pulmon*) adj3 aspirat*).ti,ab.
17	((oropharyn* or pharyng*) adj3 (disorder* or dysfunc* or impair*)).ti,ab.
18	(malnutrition* or malnourish* or undernutrition* or under nutrition* or undernourish* or under nourish* or overnutrition* or over nutrition* or overnourish* or over nourish*).ti,ab.
19	(underweight* or under weight* or overweight* or over weight* or obes*).ti,ab.
20	((nutrition* or nourish*) adj3 (disorder* or deficient* or poor or status)).ti,ab.
21	or/8-20
22	(thick or thicken*).ti,ab.
23	textur*.ti,ab.
24	(modif* adj3 diet*).ti,ab.
25	exp POSTURE/
26	exp PATIENT POSITIONING/
27	(postur* or position*).ti,ab.
28	((seat* or sit*) adj3 device*).ti,ab.
29	FEEDING METHODS/
30	((food* or feed* or fed or eat* or masticat* or meal* or drink*) adj3 (method* or technique* or practice* or experience*)).ti,ab.

#	Searches
31	((speed* or slow* or fast* or pace* or pacing or efficien*) adj3 (food* or feed* or fed or eat* or masticat* or meal* or drink*)).ti,ab.
32	(Sens* adj3 (therap* or treat* or train* or exercis*)).ti,ab.
33	((sensorimotor* or sensori-motor*) adj3 (activator* or regulator*)).ti,ab.
34	ISMAR.ti,ab.
35	((oromotor* or oro-motor*) adj3 (therap* or treat* or train* or exercis*)).ti,ab.
36	((oralmotor* or oral-motor*) adj3 (therap* or treat* or train* or exercis*)).ti,ab.
37	ELECTRIC STIMULATION THERAPY/
38	(electric* adj3 stimulat*).ti,ab.
39	MYOFUNCTIONAL THERAPY/
40	(myofunctional adj3 therap*).ti,ab.
41	RESISTANCE TRAINING/
42	(lip* adj3 (exercis* or strengthen*)).ti,ab.
43	oral screen*.ti,ab.
44	RECOVERY OF FUNCTION/
45	(recover* adj3 func*).ti,ab.
46	SPEECH-LANGUAGE PATHOLOGY/
47	((speech or language) adj3 patholog*).ti,ab.
48	SPEECH THERAPY/
49	(speech adj3 therap*).ti,ab.
50	OCCUPATIONAL THERAPY/
51	(occupational adj3 therap*).ti,ab.
52	exp ORTHODONTIC APPLIANCES/
53	ORTHODONTIC APPLIANCE DESIGN/
54	((intra-oral* or intraoral* or orthodontic) adj3 appliance*).ti,ab.
55	EQUIPMENT DESIGN/
56	SELF-HELP DEVICES/
57	((equipment or device*) adj3 design*).ti,ab.
58	((assistive or self help*) adj3 (device* or technolog*)).ti,ab.
59	((feed* or eat* or masticat* or drink*) adj3 (equipment or device* or technolog* or machine*)).ti,ab.
60	or/22-59
61	7 and 21 and 60

## E.10<sub>1</sub> Improving speech, language and communication: 2 Communication systems

### E.10.13 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	or/1-6
8	COMMUNICATION AIDS FOR DISABLED/
9	NONVERBAL COMMUNICATION/
10	((augment\$ or alternat\$) adj3 communicat\$).ti,ab.
11	(AAC or AACs).ti,ab.
12	SYMBOLISM/
13	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).ti,ab.
14	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).ti,ab.
15	((graphic\$ or visual or set?) adj3 symbol\$).ti,ab.
16	exp MANUAL COMMUNICATION/
17	(Makaton or Paget Gorman or Signalong or signing).ti,ab.
18	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab.
19	manual communicat\$.ti,ab.
20	(co speech or cospeech).ti,ab.
21	((manual or tactile or tangible) adj3 sign?).ti,ab.
22	SENSORY AIDS/
23	sensory aid?.ti,ab.
24	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).ti,ab.
25	("object? of reference" or reference object?).ti,ab.
26	(speech generat\$ device? or voice output communication aid? or synthesi#er?).ti,ab.
27	(SGD or SGDs or VOCA or VOCAs).ti,ab.
28	(text adj2 (communicat\$ or app\$ or software)).ti,ab.
29	(text to speech or TTS).ti,ab.

#	Searches
30	or/8-29
31	and/7,30
32	limit 31 to english language
33	LETTER/
34	EDITORIAL/
35	NEWS/
36	exp HISTORICAL ARTICLE/
37	ANECDOTES AS TOPIC/
38	COMMENT/
39	CASE REPORT/
40	(letter or comment* or abstracts).ti.
41	or/33-40
42	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
43	41 not 42
44	ANIMALS/ not HUMANS/
45	exp ANIMALS, LABORATORY/
46	exp ANIMAL EXPERIMENTATION/
47	exp MODELS, ANIMAL/
48	exp RODENTIA/
49	or/43-48
50	32 not 49

1

### E.10.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	(disab\$ or handicap\$).ti.
4	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
5	or/1-4
6	((augment\$ or alternat\$) adj3 communicat\$).ti,ab.
7	(AAC or AACs).ti,ab.
8	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).ti,ab.
9	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).ti,ab.
10	((graphic\$ or visual or set?) adj3 symbol\$).ti,ab.
11	(Makaton or Paget Gorman or Signalong or signing).ti,ab.
12	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab.
13	manual communicat\$.ti,ab.
14	(co speech or cospeech).ti,ab.
15	((manual or tactile or tangible) adj3 sign?).ti,ab.
16	sensory aid?.ti,ab.
17	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).ti,ab.
18	("object? of reference" or reference object?).ti,ab.
19	(SGD or SGDs or VOCA or VOCAs).ti,ab.
20	(text adj2 (communicat\$ or app\$ or software)).ti,ab.
21	(text to speech or TTS).ti,ab.
22	or/6-21
23	and/5,22

3

### E.10.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,kw.
7	or/1-6
8	COMMUNICATION AIDS FOR DISABLED/ or COMMUNICATION AID.kw.
9	NONVERBAL COMMUNICATION/
10	((augment\$ or alternat\$) adj3 communicat\$).ti,ab.
11	(AAC or AACs).ti,ab.
12	SYMBOLISM/
13	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).ti,ab.
14	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).ti,ab.



#	Searches
15	((graphic\$ or visual or set?) adj3 symbol\$).ti,ab.
16	exp MANUAL COMMUNICATION/
17	(Makaton or Paget Gorman or Signalong or signing).ti,ab.
18	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab,kw.
19	manual communicat\$.ti,ab.
20	(co speech or cospeech).ti,ab.
21	((manual or tactile or tangible) adj3 sign?).ti,ab.
22	SENSORY AIDS/ or SENSORY AID.kw.
23	sensory aid?.ti,ab.
24	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).ti,ab.
25	("object? of reference" or reference object?).ti,ab.
26	(speech generat\$ device? or voice output communication aid? or synthesi#er?).ti,ab.
27	(SGD or SGDs or VOCA or VOCAs).ti,ab.
28	(text adj2 (communicat\$ or app\$ or software)).ti,ab.
29	(text to speech or TTS).ti,ab.
30	or/8-29
31	and/7,30

1

### E.10.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	(disab\$ or handicap\$).ti.
5	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,kw.
6	or/1-5
7	COMMUNICATION AID?.kw.
8	NONVERBAL COMMUNICATION.kw.
9	((augment\$ or alternat\$) adj3 communicat\$).tw,tx.
10	(AAC or AACS).tw,tx.
11	SYMBOLISM.kw.
12	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).tw,tx.
13	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).tw,tx.
14	((graphic\$ or visual or set?) adj3 symbol\$).tw,tx.
15	(Makaton or Paget Gorman or Signalong or signing).tw,tx.
16	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab,kw.
17	manual communicat\$.tw,tx,kw.
18	(co speech or cospeech).tw,tx.
19	((manual or tactile or tangible) adj3 sign?).tw,tx.
20	SENSORY AID?.kw.
21	sensory aid?.tw,tx.
22	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).tw,tx.
23	("object? of reference" or reference object?).tw,tx.
24	(speech generat\$ device? or voice output communication aid? or synthesi#er?).tw,tx.
25	(SGD or SGDs or VOCA or VOCAs).tw,tx.
26	(text adj2 (communicat\$ or app\$ or software)).tw,tx.
27	(text to speech or TTS).tw,tx.
28	or/8-27
29	and/6,28

4

### E.10.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw.
7	or/1-6
8	COMMUNICATION AIDS FOR DISABLED/
9	NONVERBAL COMMUNICATION/
10	((augment\$ or alternat\$) adj3 communicat\$).tw.
11	(AAC or AACS).tw.

#	Searches
12	SYMBOLISM/
13	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).tw.
14	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).tw.
15	((graphic\$ or visual or set?) adj3 symbol\$).tw.
16	exp MANUAL COMMUNICATION/
17	(Makaton or Paget Gorman or Signalong or signing).tw.
18	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).tw.
19	manual communicat\$.tw.
20	(co speech or cospeech).tw.
21	((manual or tactile or tangible) adj3 sign?).tw.
22	SENSORY AIDS/
23	sensory aid?.tw.
24	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).tw.
25	("object? of reference" or reference object?).tw.
26	(speech generat\$ device? or voice output communication aid? or synthesi#er?).tw.
27	(SGD or SGDs or VOCA or VOCAs).tw.
28	(text adj2 (communicat\$ or app\$ or software)).tw.
29	(text to speech or TTS).tw.
30	or/8-29
31	and/7,30

1

### E.10.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISORDER/
5	(disab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	or/1-6
8	COMMUNICATION AID/
9	NONVERBAL COMMUNICATION/
10	((augment\$ or alternat\$) adj3 communicat\$).ti,ab.
11	(AAC or AACS).ti,ab.
12	SYMBOLISM/
13	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).ti,ab.
14	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).ti,ab.
15	((graphic\$ or visual or set?) adj3 symbol\$).ti,ab.
16	SIGN LANGUAGE/
17	(Makaton or Paget Gorman or Signalong or signing).ti,ab.
18	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab.
19	manual communicat\$.ti,ab.
20	(co speech or cospeech).ti,ab.
21	((manual or tactile or tangible) adj3 sign?).ti,ab.
22	SENSORY AID/
23	sensory aid?.ti,ab.
24	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).ti,ab.
25	("object? of reference" or reference object?).ti,ab.
26	(speech generat\$ device? or voice output communication aid? or synthesi#er?).ti,ab.
27	(SGD or SGDs or VOCA or VOCAs).ti,ab.
28	(text adj3 (communicat\$ or app\$ or software)).ti,ab.
29	or/8-28
30	and/7,29
31	limit 30 to english language
32	conference abstract.pt.
33	letter.pt. or LETTER/
34	note.pt.
35	editorial.pt.
36	CASE REPORT/ or CASE STUDY/
37	(letter or comment* or abstracts).ti.
38	or/32-37
39	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
40	38 not 39
41	ANIMAL/ not HUMAN/
42	NONHUMAN/
43	exp ANIMAL EXPERIMENT/
44	exp EXPERIMENTAL ANIMAL/

#	Searches
45	ANIMAL MODEL/
46	exp RODENT/
47	or/40-46
48	31 not 47

### E.10.71 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp communication aids/
6	exp nonverbal communication/
7	((augment\$ or alternat\$) adj3 communicat\$).ti,ab.
8	(AAC or AACs).ti,ab.
9	symbolism/
10	((picture or symbol\$ or board? or book? or drawing? or icon\$ or graphic\$) adj3 communicat\$).ti,ab.
11	(Blissymbol\$ or Minspeak or Rebus or Picsyms or Makaton).ti,ab.
12	((graphic\$ or visual or set?) adj3 symbol\$).ti,ab.
13	exp manual communication/
14	(Makaton or Paget Gorman or Signalong or signing).ti,ab.
15	((sign? or gestur\$) adj3 (communicat\$ or system\$ or language?)).ti,ab.
16	manual communicat\$.ti,ab.
17	(co speech or cospeech).ti,ab.
18	((manual or tactile or tangible) adj3 sign?).ti,ab.
19	(communicat\$ adj3 partner\$).ti,ab.
20	exp sensory aids/
21	sensory aid?.ti,ab.
22	((tactile or tangible) adj3 (symbol? or object? or communicat\$)).ti,ab.
23	("object? of reference" or reference object?).ti,ab.
24	(speech generat\$ device? or voice output communication aid? or synthesi#er?).ti,ab.
25	(SGD or SGDs or VOCA or VOCAs).ti,ab.
26	(text adj2 (communicat\$ or app\$ or software)).ti,ab.
27	(text to speech or TTS).ti,ab.
28	or/5-27
29	4 and 28
30	limit 29 to english language

2

## E.11.3 Improving speech, language and communication: Speech 4 intelligibility

### E.11.15 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp SPEECH INTELLIGIBILITY/
6	exp SPEECH PRODUCTION MEASUREMENT/
7	exp SPEECH THERAPY/
8	exp LANGUAGE THERAPY/
9	exp COMMUNICATION AIDS FOR DISABLED/
10	exp PHONATION/
11	exp PHONETICS/
12	exp BOTULINUM TOXINS/
13	exp MUSCLE RELAXANTS, CENTRAL/
14	exp BACLOFEN/
15	exp LEVODOPA/
16	exp TRIHEXYPHENIDYL/
17	exp ACUPUNCTURE/
18	exp POSTURE/
19	exp DEEP BRAIN STIMULATION/
20	exp ORTHODONTICS, CORRECTIVE/
21	exp THERAPY, COMPUTER-ASSISTED/

#	Searches
22	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
23	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,ab.
24	or/5-23
25	4 and 24
26	limit 25 to english language
27	LETTER/
28	EDITORIAL/
29	NEWS/
30	exp HISTORICAL ARTICLE/
31	ANECDOTES AS TOPIC/
32	COMMENT/
33	CASE REPORT/
34	(letter or comment* or abstracts).ti.
35	or/27-34
36	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
37	35 not 36
38	ANIMALS/ not HUMANS/
39	exp ANIMALS, LABORATORY/
40	exp ANIMAL EXPERIMENTATION/
41	exp MODELS, ANIMAL/
42	exp RODENTIA/
43	(rat or rats or mouse or mice).ti.
44	or/37-43
45	26 not 44

1

### E.11.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	1 or 2
4	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
5	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,ab.
6	4 or 5
7	3 and 6

3

### E.11.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	SPEECH INTELLIGIBILITY.sh,kw.
6	SPEECH PRODUCTION MEASUREMENT/
7	SPEECH REHABILITATION.kw.
8	SPEECH ARTICULATION.kw.
9	SPEECH THERAPY.sh,kw.
10	LANGUAGE THERAPY/
11	COMMUNICATION AIDS FOR DISABLED/ or COMMUNICATION AID.kw.
12	PHONATION.sh,kw.
13	PHONETICS.sh,kw.
14	BOTULINUM TOXINS/ or BOTULINUM TOXIN A.kw.
15	MUSCLE RELAXANTS, CENTRAL/ or MUSCLE RELAXANT AGENT.kw. or CENTRAL MUSCLE RELAXANT.kw.
16	BACLOFEN/
17	LEVODOPA.sh,kw.
18	TRIHENXYPHENIDYL.sh,kw.
19	ACUPUNCTURE.sh,kw.
20	POSTURE/ or BODY POSTURE.kw.
21	DEEP BRAIN STIMULATION/ or BRAIN DEPTH STIMULATION.kw.

#	Searches
22	ORTHODONTICS, CORRECTIVE/ or ORTHODONTICS.kw.
23	THERAPY, COMPUTER-ASSISTED/ or COMPUTER ASSISTED THERAPY.kw.
24	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
25	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,ab.
26	or/5-25
27	4 and 26

1

### E.11.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,tw.
3	little? disease.ti,tw.
4	or/1-3
5	SPEECH INTELLIGIBILITY.kw.
6	SPEECH PRODUCTION MEASUREMENT.kw.
7	SPEECH REHABILITATION.kw.
8	SPEECH ARTICULATION.kw.
9	SPEECH THERAPY.kw.
10	LANGUAGE THERAPY.kw.
11	(COMMUNICATION AIDS FOR DISABLED or COMMUNICATION AID).kw.
12	(PHONATION or PHONETICS).kw.
13	(BOTULINUM TOXINS or BOTULINUM TOXIN A).kw.
14	(MUSCLE RELAXANTS, CENTRAL or MUSCLE RELAXANT AGENT or CENTRAL MUSCLE RELAXANT).kw.
15	BACLOFEN.kw.
16	LEVODOPA.kw.
17	TRIHENXYPHENIDYL.kw.
18	ACUPUNCTURE.kw.
19	(POSTURE or BODY POSTURE).kw.
20	(DEEP BRAIN STIMULATION or BRAIN DEPTH STIMULATION).kw.
21	(ORTHODONTICS, CORRECTIVE or ORTHODONTICS).kw.
22	(THERAPY, COMPUTER-ASSISTED or COMPUTER ASSISTED THERAPY).kw.
23	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,tw.
24	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,tw.
25	or/5-24
26	4 and 25

4

### E.11.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,tw.
3	little? disease.ti,tw.
4	or/1-3
5	exp SPEECH INTELLIGIBILITY/
6	exp SPEECH PRODUCTION MEASUREMENT/
7	exp SPEECH THERAPY/
8	exp LANGUAGE THERAPY/
9	exp COMMUNICATION AIDS FOR DISABLED/
10	exp PHONATION/
11	exp PHONETICS/
12	exp BOTULINUM TOXINS/
13	exp MUSCLE RELAXANTS, CENTRAL/
14	exp BACLOFEN/
15	exp LEVODOPA/
16	exp TRIHENXYPHENIDYL/
17	exp ACUPUNCTURE/
18	exp POSTURE/
19	exp DEEP BRAIN STIMULATION/

#	Searches
20	exp ORTHODONTICS, CORRECTIVE/
21	exp THERAPY, COMPUTER-ASSISTED/
22	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,tw.
23	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,tw.
24	or/5-23
25	4 and 24

1

### E.11.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp SPEECH INTELLIGIBILITY/
6	exp SPEECH THERAPY/
7	exp COMMUNICATION AID/
8	exp PHONATION/
9	exp PHONETICS/
10	exp SPEECH REHABILITATION/
11	exp SPEECH ARTICULATION/
12	exp BOTULINUM TOXIN A/
13	exp MUSCLE RELAXANT AGENT/ or CENTRAL MUSCLE RELAXANT/
14	exp LEVODOPA/
15	exp TRIHEXYPHENIDYL/
16	exp ACUPUNCTURE/
17	exp BODY POSTURE/
18	exp BRAIN DEPTH STIMULATION/
19	exp ORTHODONTICS/
20	exp COMPUTER ASSISTED THERAPY/
21	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or ldopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
22	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,ab.
23	or/5-22
24	4 and 23
25	limit 24 to english language
26	conference abstract.pt.
27	letter.pt. or LETTER/
28	note.pt.
29	editorial.pt.
30	CASE REPORT/ or CASE STUDY/
31	(letter or comment* or abstracts).ti.
32	or/26-31
33	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
34	32 not 33
35	ANIMAL/ not HUMAN/
36	NONHUMAN/
37	exp ANIMAL EXPERIMENT/
38	exp EXPERIMENTAL ANIMAL/
39	ANIMAL MODEL/
40	exp RODENT/
41	(rat or rats or mouse or mice).ti.
42	or/34-41
43	25 not 42

### E.11.73 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paralys?s or pares?s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	SPEECH INTELLIGIBILITY/
6	SPEECH PRODUCTION MEASUREMENT/

#	Searches
7	SPEECH THERAPY/
8	LANGUAGE THERAPY/
9	COMMUNICATION AIDS FOR DISABLED/
10	PHONATION/
11	PHONETICS/
12	BOTULINUM TOXINS/
13	MUSCLE RELAXANTS, CENTRAL/
14	BACLOFEN/
15	LEVODOPA/
16	ACUPUNCTURE/
17	POSTURE/
18	DEEP BRAIN STIMULATION/
19	ORTHODONTICS, CORRECTIVE/
20	(botox or botulinum* or BTA or BTB or BTX or BoNT* or BoTx or muscle relaxant* or baclofen or baclophen or L-dopa or Idopa or levodopa or trihexyphenidyl or acupuncture or postur* or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
21	((speech or language or voice or orthodont* or oral* or oromotor or oro-motor or palat*) N3 (therap* or treat* or train* or skill* or intelligib* or manag*)).ti,ab.
22	or/5-21
23	4 and 22

1

### E.11.82 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp SPEECH THERAPY/
6	exp LANGUAGE THERAPY/
7	exp PHONETICS/
8	exp BOTULINUM TOXINS/
9	exp MUSCLE RELAXANTS, CENTRAL/
10	exp BACLOFEN/
11	exp LEVODOPA/
12	exp ACUPUNCTURE/
13	exp POSTURE/
14	exp ORTHODONTICS/
15	exp THERAPY, COMPUTER-ASSISTED/
16	(botox or botulinum\$ or BTA or BTB or BTX or BoNT\$ or BoTx or muscle relaxant\$ or baclofen or baclophen or L-dopa or Idopa or levodopa or tr#hex????en#d#l or acupuncture or postur\$ or DBS or deep brain stimulation or brain depth stimulation).ti,ab.
17	((speech or language or voice or orthodont\$ or oral\$ or oromotor or oro-motor or palat\$) adj3 (therap\$ or treat\$ or train\$ or skill\$ or intelligib\$ or manag\$)).ti,ab.
18	or/5-17
19	4 and 18
20	limit 19 to english

## E.12<sub>3</sub> Optimising nutritional status

### E.12.14 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	DEVELOPMENTAL DISABILITIES/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
10	(neurolog\$ adj impair\$).ti,ab.
11	or/1-10
12	exp NUTRITION DISORDERS/
13	EATING DISORDERS/ or "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
14	FEEDING BEHAVIOR/

#	Searches
15	exp DEGLUTITION DISORDERS/
16	GROWTH DISORDERS/
17	FAILURE TO THRIVE/
18	exp CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA/
19	NUTRITIONAL STATUS/
20	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
21	dysphag\$.ti,ab.
22	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
23	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
24	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
25	or/12-24
26	ENTERAL NUTRITION/
27	GASTROSTOMY/
28	JEJUNOSTOMY/
29	INTUBATION, GASTROINTESTINAL/
30	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainstestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
31	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.
32	or/26-31
33	NUTRITION THERAPY/
34	FEEDING METHODS/
35	NUTRITIONAL SUPPORT/
36	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab.
37	ENERGY INTAKE/
38	DIETARY SUPPLEMENTS/
39	DIET, HIGH-FAT/
40	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
41	DIET THERAPY/
42	FOOD HABITS/
43	DIETETICS/
44	DIET/
45	exp EXERCISE/
46	exp EXERCISE THERAPY/
47	exp LIFE STYLE/
48	exp SPORTS/
49	diet\$.ti,ab.
50	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesiotherap\$).ti,ab.
51	exp ANTIEMETICS/
52	(antiemetic\$ or anti emetic\$).ti,ab.
53	DOMPERIDONE/
54	(domperidone or motilium).mp.
55	METOCLOPRAMIDE/
56	(metoclopramide or maxolon).mp.
57	exp ERYTHROMYCIN/
58	(erythromycin or tiloryth or primacine or erymax or erythrocin or erythroped).mp.
59	or/33-58
60	and/11,32
61	and/11,25,59
62	CEREBRAL PALSY/dh [Diet Therapy]
63	or/60-62
64	limit 63 to english language
65	LETTER/
66	EDITORIAL/
67	NEWS/
68	exp HISTORICAL ARTICLE/
69	ANECDOTES AS TOPIC/
70	COMMENT/
71	CASE REPORT/
72	(letter or comment* or abstracts).ti.
73	or/65-72
74	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
75	73 not 74
76	ANIMALS/ not HUMANS/
77	exp ANIMALS, LABORATORY/
78	exp ANIMAL EXPERIMENTATION/
79	exp MODELS, ANIMAL/
80	exp RODENTIA/
81	(rat or rats or mouse or mice).ti.



#	Searches
82	or/75-81
83	64 not 82

1

### E.12.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	worster drought.ti,ab.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
4	little? disease.ti,ab.
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
10	dysphag\$.ti,ab.
11	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
12	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
13	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
14	or/9-13
15	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
16	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.
17	or/15-16
18	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab.
19	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
20	diet\$.ti,ab.
21	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesitherap\$).ti,ab.
22	(antiemetic\$ or anti emetic\$).ti,ab.
23	(domperidone or motilium).mp.
24	(metoclopramide or maxolon).mp.
25	(erythromycin or tiloryth or primacine or erymax or erythrocin or erythroped).mp.
26	or/18-25
27	and/8,17
28	and/8,14,26
29	or/27-28

3

### E.12.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab,kw.
6	little? disease.ti,ab.
7	DEVELOPMENTAL DISABILITIES/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab,kw.
10	(neurolog\$ adj impair\$).ti,ab.
11	or/1-10
12	exp NUTRITION DISORDERS/
13	(EATING DISORDER? or "FEEDING AND EATING DISORDERS OF CHILDHOOD").sh,kw.
14	FEEDING BEHAVIOR.sh,kw.
15	exp DEGLUTITION DISORDERS/
16	GROWTH DISORDER?.sh,kw.
17	FAILURE TO THRIVE.sh,kw.
18	exp CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA/
19	CHILD NUTRITION.kw.
20	NUTRITIONAL STATUS/
21	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
22	dysphag\$.ti,ab,kw.

#	Searches
23	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
24	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
25	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).ti,ab,kw.
26	or/12-25
27	ENTERAL NUTRITION/
28	GASTROSTOMY/
29	JEJUNOSTOMY/
30	INTUBATION, GASTROINTESTINAL/
31	DIGESTIVE TRACT INTUBATION.kw.
32	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab,kw.
33	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab,kw.
34	or/27-33
35	NUTRITION THERAPY/
36	FEEDING METHODS/
37	NUTRITIONAL SUPPORT/
38	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab,kw.
39	ENERGY INTAKE/
40	DIETARY INTAKE.kw.
41	DIETARY SUPPLEMENTS/
42	DIET SUPPLEMENTATION.kw.
43	DIET, HIGH-FAT/
44	LIPID DIET.kw.
45	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
46	DIET THERAPY.sh,kw.
47	FOOD HABITS/
48	DIETETICS.kw.
49	DIET.kw.
50	exp EXERCISE/
51	exp EXERCISE THERAPY/
52	exp LIFE STYLE/
53	exp SPORTS/
54	diet\$.ti,ab.
55	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesio?therap\$).ti,ab,kw.
56	exp ANTIEMETICS/
57	(antiemetic\$ or anti emetic\$).ti,ab,kw.
58	DOMPERIDONE/
59	(domperidone or motilium).mp.
60	METOCLOPRAMIDE/
61	(metoclopramide or maxolon).mp.
62	exp ERYTHROMYCIN/
63	(erythromycin or tiloryth or primacine or erymax or erythrocin or erythroped).mp.
64	or/35-63
65	and/11,34
66	and/11,26,64
67	CEREBRAL PALSY/dh [Diet Therapy]
68	or/65-67

1

### E.12.42 Database: Cochrane Database of Systematic Reviews

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tx,kw.
2	worster drought.tx.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).tx,kw.
4	little? disease.tx.
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).tx,kw.
7	(neurolog\$ adj impair\$).tx.
8	or/1-7
9	(EATING DISORDER? or "FEEDING AND EATING DISORDERS OF CHILDHOOD").kw.
10	FEEDING BEHAVIOR.kw.
11	FAILURE TO THRIVE.kw.
12	CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA.kw.
13	CHILD NUTRITION.kw.
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab,kw.
15	dysphag\$.ti,ab,kw.

#	Searches
16	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
17	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
18	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).ti,ab,kw.
19	or/9-18
20	ENTERAL NUTRITION.kw.
21	INTUBATION, GASTROINTESTINAL.kw.
22	DIGESTIVE TRACT INTUBATION.kw.
23	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab,kw.
24	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab,kw.
25	or/20-24
26	FEEDING METHODS.kw.
27	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab,kw.
28	ENERGY INTAKE.kw.
29	DIETARY INTAKE.kw.
30	DIETARY SUPPLEMENTS.kw.
31	DIET SUPPLEMENTATION.kw.
32	DIET, HIGH-FAT.kw.
33	LIPID DIET.kw.
34	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
35	FOOD HABITS.kw.
36	diet\$.ti,ab,kw.
37	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesio?therap\$).ti,ab,kw.
38	(antiemetic\$ or anti emetic\$).ti,ab,kw.
39	(domperidone or motilium).mp.
40	(metoclopramide or maxolon).mp.
41	(erythromycin or tiloroth or primacine or erymax or erythrocin or erythroped).mp.
42	or/26-41
43	and/8,25
44	and/8,19,42
45	CEREBRAL PALSY dh.kw. [Diet Therapy]
46	or/43-45

1

### E.12.52 Database: Database of Abstracts of Reviews of Effects

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
2	worster drought.tw.
3	(pseudobulbar pals\$ or pseudo bulbar pals\$).tw.
4	little? disease.tw.
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$).tw.
8	or/1-7
9	(EATING DISORDER? or "FEEDING AND EATING DISORDERS OF CHILDHOOD").kw.
10	FEEDING BEHAVIOR.kw.
11	FAILURE TO THRIVE.kw.
12	CHILD NUTRITIONAL PHYSIOLOGICAL PHENOMENA.kw.
13	CHILD NUTRITION.kw.
14	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).tw.
15	dysphag\$.tw.
16	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).tw.
17	(underweight? or under weight? or overweight? or over weight? or obes\$).tw.
18	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).tw.
19	or/9-18
20	ENTERAL NUTRITION.kw.
21	INTUBATION, GASTROINTESTINAL.kw.
22	DIGESTIVE TRACT INTUBATION.kw.
23	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).tw.
24	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).tw.
25	or/20-24
26	FEEDING METHODS.kw.
27	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).tw.
28	ENERGY INTAKE.kw.

#	Searches
29	DIETARY INTAKE.kw.
30	DIETARY SUPPLEMENTS.kw.
31	DIET SUPPLEMENTATION.kw.
32	DIET, HIGH-FAT.kw.
33	LIPID DIET.kw.
34	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).tw.
35	FOOD HABITS.kw.
36	diet\$.tw.
37	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesiotherap\$).tw.
38	(antiemetic\$ or anti emetic\$).tw.
39	(domperidone or motilium).tw.
40	(metoclopramide or maxolon).tw.
41	(erythromycin or tiloroth or primacine or erymax or erythrocin or erythroped).tw.
42	or/26-41
43	and/8,25
44	and/8,19,42
45	CEREBRAL PALSY dh.kw. [Diet Therapy]
46	or/43-45

1

### E.12.62 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralyse\$ or pares\$)).tw.
3	worster drought.tw.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).tw.
6	little? disease.tw.
7	DEVELOPMENTAL DISABILITIES/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
10	(neurolog\$ adj impair\$).tw.
11	or/1-10
12	exp NUTRITION DISORDERS/
13	EATING DISORDERS/ "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
14	FEEDING BEHAVIOR/
15	exp DEGLUTITION DISORDERS/
16	GROWTH DISORDERS/
17	FAILURE TO THRIVE/
18	NUTRITIONAL STATUS/
19	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).tw.
20	dysphag\$.tw.
21	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).tw.
22	(underweight? or under weight? or overweight? or over weight? or obes\$).tw.
23	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).tw.
24	or/12-23
25	ENTERAL NUTRITION/
26	GASTROSTOMY/
27	JEJUNOSTOMY/
28	INTUBATION, GASTROINTESTINAL/
29	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainstestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).tw.
30	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).tw.
31	or/25-30
32	NUTRITION THERAPY/
33	FEEDING METHODS/
34	NUTRITIONAL SUPPORT/
35	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).tw.
36	ENERGY INTAKE/
37	DIETARY SUPPLEMENTS/
38	DIET, HIGH-FAT/
39	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).tw.
40	DIET THERAPY/
41	FOOD HABITS/
42	DIETETICS/
43	DIET/

#	Searches
44	exp EXERCISE/
45	exp EXERCISE THERAPY/
46	exp LIFE STYLE/
47	exp SPORTS/
48	diet\$.tw.
49	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesiotherap\$).tw.
50	exp ANTIEMETICS/
51	(antiemetic\$ or anti emetic\$).tw.
52	DOMPERIDONE/
53	(domperidone or motilium).mp.
54	METOCLOPRAMIDE/
55	(metoclopramide or maxolon).mp.
56	exp ERYTHROMYCIN/
57	(erythromycin or tilorith or primacine or erymax or erythrocin or erythroped).mp.
58	or/32-57
59	and/11,31
60	and/11,24,58
61	CEREBRAL PALSY/dh [Diet Therapy]
62	or/59-61

1

### E.12.72 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
6	little? disease.ti,ab.
7	DEVELOPMENTAL DISORDER/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
10	(neurolog\$ adj impair\$).ti,ab.
11	or/1-10
12	exp NUTRITIONAL DISORDER/
13	EATING DISORDER/
14	FEEDING BEHAVIOR/
15	exp DYSPHAGIA/
16	GROWTH DISORDER/
17	FAILURE TO THRIVE/
18	CHILD NUTRITION/
19	NUTRITIONAL STATUS/
20	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
21	dysphag\$.ti,ab.
22	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
23	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
24	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficient\$ or poor or status)).ti,ab.
25	or/12-24
26	ENTERIC FEEDING/
27	GASTROSTOMY/
28	JEJUNOSTOMY/
29	GASTROJEJUNOSTOMY/
30	exp DIGESTIVE TRACT INTUBATION/
31	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
32	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.
33	or/26-32
34	NUTRITIONAL SUPPORT/
35	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab.
36	DIETARY INTAKE/
37	DIET SUPPLEMENTATION/
38	LIPID DIET/
39	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
40	DIET THERAPY/
41	DIET/
42	DIETETICS/

#	Searches
43	exp EXERCISE/
44	exp KINESIOTHERAPY/
45	LIFESTYLE/ or LIFESTYLE MODIFICATION/
46	exp SPORT/
47	diet\$.ti,ab.
48	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesio?therap\$).ti,ab.
49	exp ANTIEMETIC AGENT/
50	(antiemetic\$ or anti emetic\$).ti,ab.
51	DOMPERIDONE/
52	(domperidone or motilium).mp.
53	METOCLOPRAMIDE/
54	(metoclopramide or maxolon).mp.
55	ERYTHROMYCIN/
56	(erythromycin or tiloryth or primacine or erymax or erythrocin or erythroped).mp.
57	or/34-56
58	and/11,33
59	and/11,25,57
60	or/58-59
61	limit 60 to english language
62	conference abstract.pt.
63	letter.pt. or LETTER/
64	note.pt.
65	editorial.pt.
66	CASE REPORT/ or CASE STUDY/
67	(letter or comment* or abstracts).ti.
68	or/62-67
69	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
70	68 not 69
71	ANIMAL/ not HUMAN/
72	NONHUMAN/
73	exp ANIMAL EXPERIMENT/
74	exp EXPERIMENTAL ANIMAL/
75	ANIMAL MODEL/
76	exp RODENT/
77	(rat or rats or mouse or mice).ti.
78	or/70-77
79	61 not 78

### E.12.81 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paralys?s or pares?s)).ti,ab.
3	worster drought.ti,ab.
4	(pseudobulbar pals* or pseudo bulbar pals*).ti,ab.
5	little? disease.ti,ab.
6	DEVELOPMENTAL DISABILITIES/
7	(disab* or neurodisab* or handicap*).ti.
8	(development* N1 (delay* or disorder? or disab*)).ti,ab.
9	(neurolog* N1 impair*).ti,ab.
10	or/1-9
11	exp NUTRITION DISORDERS/
12	EATING DISORDERS/ or "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
13	EATING BEHAVIOR/
14	DEGLUTITION DISORDERS/
15	GROWTH DISORDERS/
16	FAILURE TO THRIVE/
17	NUTRITIONAL STATUS/
18	((eat* or fed or feed* or swallow* or deglut* or oral motor or oromotor or oro motor) N3 (disorder? or dysfunction* or disabilit* or problem* or inabilit* or difficult*).ti,ab.
19	(malnutrition* or malnourish* or undernutrition* or under nutrition* or undernourish* or under nourish* or overnutrition* or over nutrition* or overnourish* or over nourish*).ti,ab.
20	(underweight? or under weight? or overweight? or over weight? or obes*).ti,ab.
21	((nutrition* or nourish* or grow*) N3 (disorder? or deficient* or poor or status)).ti,ab.
22	or/11-22
23	ENTERAL NUTRITION/
24	GASTROSTOMY/
25	JEJUNOSTOMY/
26	INTUBATION, GASTROINTESTINAL/

#	Searches
27	((enteral* or enteric* or intragastric* or intra gastric* or nasogastric* or naso gastric* or intrainestinal* or intra intestinal* or tube) N3 (feed* or fed)).ti,ab.
28	(gastrostom* or jejunostom* or gastrojejunostom* or gastro jejunostom*).ti,ab.
29	or/23-28
30	FEEDING OF DISABLED/
31	FEEDING METHODS/
32	NUTRITIONAL SUPPORT/
33	((nutrition* or fed or feed* or support*).ti,ab.
34	ENERGY INTAKE/
35	DIETARY SUPPLEMENTS/
36	DIETARY SUPPLEMENTATION/
37	((calori* or fat?) N3 (high or increas* or supplement*)).ti,ab.
38	DIET THERAPY/
39	FOOD HABITS/
40	DIETETICS/
41	DIET/
42	exp EXERCISE/
43	exp THERAPEUTIC EXERCISE/
44	exp LIFE STYLE/ or LIFE STYLE CHANGES/
45	exp SPORTS/
46	diet*.ti,ab.
47	(exercis* or sport* or fit* or activ* or life style or lifestyle or kinesi?therap*).ti,ab.
48	exp ANTIEMETICS/
49	(antiemetic* or anti emetic*).ti,ab.
50	(domperidone or motilium).ti,ab.
51	METOCLOPRAMIDE/
52	(metoclopramide or maxolon).ti,ab.
53	exp ERYTHROMYCIN/
54	(erythromycin or tiloryth or primacine or erymax or erythrocin or erythroped).ti,ab.
55	or/30-54
56	and/10,29
57	and/10,22,55

1

### E.12.92 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	(pseudobulbar pals\$ or pseudo bulbar pals\$).ti,ab.
5	little? disease.ti,ab.
6	DEVELOPMENTAL DISABILITIES/
7	(disab\$ or neurodisab\$ or handicap\$).ti.
8	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
9	(neurolog\$ adj impair\$).ti,ab.
10	or/1-9
11	exp NUTRITION DISORDERS/
12	EATING DISORDERS/ or "FEEDING AND EATING DISORDERS OF CHILDHOOD"/
13	FEEDING BEHAVIOR/
14	exp DEGLUTITION DISORDERS/
15	GROWTH DISORDERS/
16	FAILURE TO THRIVE/
17	NUTRITIONAL STATUS/
18	((eat\$ or fed or feed\$ or swallow\$ or deglut\$ or oral motor or oromotor or oro motor) adj3 (disorder? or dysfunction\$ or disabilit\$ or problem\$ or inabilit\$ or difficult\$)).ti,ab.
19	dysphag\$.ti,ab.
20	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or overnutrition\$ or over nutrition\$ or overnourish\$ or over nourish\$).ti,ab.
21	(underweight? or under weight? or overweight? or over weight? or obes\$).ti,ab.
22	((nutrition\$ or nourish\$ or grow\$) adj3 (disorder? or deficien\$ or poor or status)).ti,ab.
23	or/11-22
24	ENTERAL NUTRITION/
25	GASTROSTOMY/
26	JEJUNOSTOMY/
27	INTUBATION, GASTROINTESTINAL/
28	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
29	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.

#	Searches
30	or/24-29
31	NUTRITION THERAPY/
32	FEEDING METHODS/
33	NUTRITIONAL SUPPORT/
34	((nutrition\$ or fed or feed\$) adj3 (therap\$ or support\$)).ti,ab.
35	ENERGY INTAKE/
36	DIETARY SUPPLEMENTS/
37	DIET, HIGH-FAT/
38	((calori\$ or fat?) adj3 (high or increas\$ or supplement\$)).ti,ab.
39	DIET THERAPY/
40	FOOD HABITS/
41	DIETETICS/
42	DIET/
43	exp EXERCISE/
44	exp EXERCISE THERAPY/
45	exp LIFE STYLE/
46	exp SPORTS/
47	diet\$.ti,ab.
48	(exercis\$ or sport\$ or fit\$ or activ\$ or life style or lifestyle or kinesi?therap\$).ti,ab.
49	exp ANTIEMETICS/
50	(antiemetic\$ or anti emetic\$).ti,ab.
51	DOMPERIDONE/
52	(domperidone or motilium).mp.
53	METOCLOPRAMIDE/
54	(metoclopramide or maxolon).mp.
55	(erythromycin or tilorlyth or primacine or erymax or erythrocin or erythroped).mp.
56	or/31-55
57	and/10,30
58	and/10,23,56
59	or/57-58

## E.13<sub>1</sub> Managing saliva control

### E.13.12 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ab,ti.
4	PSEUDOBULBAR PALSY/
5	pseudobulbar pals\$.ab,ti.
6	pseudo bulbar pals\$.ab,ti.
7	little? disease.ab,ti.
8	DEVELOPMENTAL DISABILITIES/
9	(disab\$ or handicap\$).ti.
10	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12	SALIVA/
13	SALIVATION/
14	exp SALIVARY GLANDS/
15	SALIVARY GLAND DISEASES/
16	SIALORRHEA/
17	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).ti,ab.
18	12 or 13 or 14 or 15 or 16 or 17
19	11 and 18
20	limit 19 to english language
21	LETTER/
22	EDITORIAL/
23	NEWS/
24	exp HISTORICAL ARTICLE/
25	ANECDOTES AS TOPIC/
26	COMMENT/
27	CASE REPORT/
28	(letter or comment* or abstracts).ti.
29	or/21-28
30	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
31	29 not 30
32	ANIMALS/ not HUMANS/
33	exp ANIMALS, LABORATORY/



#	Searches
34	exp ANIMAL EXPERIMENTATION/
35	exp MODELS, ANIMAL/
36	exp RODENTIA/
37	(rat or rats or mouse or mice).ti.
38	or/31-37
39	20 not 38

1

### E.13.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	worster drought.ab,ti.
3	pseudobulbar pals\$.ab,ti.
4	pseudo bulbar pal\$.ab,ti.
5	little? disease.ti,ab.
6	(disab\$ or handicap\$).ti.
7	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
8	1 or 2 or 3 or 4 or 5 or 6 or 7
9	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).ti,ab.
10	8 and 9

3

### E.13.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	PSEUDOBULBAR PALSY/
5	pseudobulbar pals\$.ti,ab.
6	pseudo bulbar pals\$.ti,ab.
7	little? disease.ti,ab.
8	DEVELOPMENTAL DISABILITIES/
9	(disab\$ or handicap\$).ti.
10	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,kw.
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12	SALIVA/
13	SALIVATION/
14	exp SALIVARY GLANDS/
15	SALIVARY GLAND DISEASES/
16	SIALORRHEA/
17	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).ti,ab,kw.
18	12 or 13 or 14 or 15 or 16 or 17
19	11 and 18

5

### E.13.46 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 7 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	worster drought.tw,tx.
4	PSEUDOBULBAR PALSY.kw.
5	pseudobulbar pal\$.tw,tx.
6	pseudo bulbar pal\$.tw,tx.
7	little? disease.tw,tx.
8	DEVELOPMENTAL DISABILITIES.kw.
9	(disab\$ or handicap\$).ti.
10	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw,tx.
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12	SALIVA.kw.
13	SALIVATION.kw.
14	SALIVARY GLANDS.kw.
15	SALIVARY GLAND DISEASES.kw.

#	Searches
16	SIALORRHEA.kw.
17	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).tw,tx.
18	12 or 13 or 14 or 15 or 16 or 17
19	11 and 18

1

### E.13.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	worster drought.tw.
4	PSEUDOBULBAR PALSY/
5	pseudobulbar pals\$.tw.
6	pseudo bulbar pals\$.tw.
7	little? disease.tw.
8	DEVELOPMENTAL DISABILITIES/
9	(disab\$ or handicap\$).ti.
10	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw.
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12	SALIVA/
13	SALIVATION/
14	exp SALIVARY GLANDS/
15	SALIVARY GLAND DISEASES/
16	SIALORRHEA/
17	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).tw.
18	12 or 13 or 14 or 15 or 16 or 17
19	11 and 18

3

### E.13.64 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	worster drought.ti,ab.
4	pseudobulbar palsy/
5	pseudobulbar pals\$.ti,ab.
6	pseudo bulbar pals\$.ti,ab.
7	little? disease.ti,ab.
8	DEVELOPMENTAL DISORDER/
9	(disab\$ or handicap\$).ti.
10	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
11	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12	SALIVA/
13	SALIVATION/
14	exp SALIVARY GLAND/
15	SALIVATION DISORDER/
16	HYPERSALIVATION/
17	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).ti,ab.
18	12 or 13 or 14 or 15 or 16 or 17
19	11 and 18
20	limit 19 to english language
21	conference abstract.pt.
22	letter.pt. or LETTER/
23	note.pt.
24	editorial.pt.
25	CASE REPORT/ or CASE STUDY/
26	(letter or comment* or abstracts).ti.
27	or/21-26
28	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
29	27 not 28
30	ANIMAL/ not HUMAN/
31	NONHUMAN/
32	exp ANIMAL EXPERIMENT/
33	exp EXPERIMENTAL ANIMAL/
34	ANIMAL MODEL/
35	exp RODENT/

#	Searches
36	(rat or rats or mouse or mice).ti.
37	or/29-36
38	20 not 37

### E.13.71 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paraly?s or pares?s)).ti,ab.
3	worster drought.ab,ti.
4	pseudobulbar pals*.ab,ti.
5	pseudo bulbar pals*.ab,ti.
6	little? disease.ab,ti.
7	DEVELOPMENTAL DISABILITIES/
8	(disab* or handicap*).ti.
9	(development* N3 (delay* or disorder? or disab*)).ti,ab.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	SALIVA/
12	SALIVATION/
13	exp SALIVARY GLANDS/
14	SALIVARY GLAND DISEASES/
15	SIALORRHEA/
16	(saliv* or hypersaliv* or sialorrh* or hypersialorrh* or ptyalis* or polysali* or drool* or dribbl*).ti,ab.
17	11 or 12 or 13 or 14 or 15 or 16
18	10 and 17

### E.13.82 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly?s or pares?s)).ti,ab.
3	worster drought.ti,ab.
4	pseudobulbar pals\$.ti,ab.
5	pseudo bulbar pals\$.ti,ab.
6	little? disease.ti,ab.
7	DEVELOPMENTAL DISABILITIES/
8	(disab\$ or handicap\$).ti.
9	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
10	or/1-9
11	SALIVA/
12	SALIVARY GLAND DISEASE/
13	SIALORRHEA/
14	(saliv\$ or hypersaliv\$ or sialorrh\$ or hypersialorrh\$ or ptyalis\$ or polysali\$ or drool\$ or dribbl\$).ti,ab.
15	or/11-14
16	10 and 15
17	limit 16 to english

3

## E.14.4 Risk factors for low bone mineral density

### E.14.15 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly?s or pares?s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp BONE DISEASES, METABOLIC/
6	BONE DENSITY/
7	exp FRACTURES, BONE/
8	exp BONE RESORPTION/
9	(bone? adj2 (dens\$ or mass)).ti,ab.
10	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
11	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
12	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
13	or/5-12
14	RISK FACTORS/
15	risk?.ti,ab.

#	Searches
16	or/14-15
17	"SEVERITY OF ILLNESS INDEX"/
18	(gross motor function classification or GMFCS\$.ti,ab.
19	MUSCLE SPASTICITY/
20	exp DYSKINESIAS/
21	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).ti,ab.
22	exp ANTICONVULSANTS/
23	VALPROIC ACID/
24	CARBAMAZEPINE/
25	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).ti,ab.
26	(sodium valproate or valproic acid or carbamazepi#e).mp.
27	MALNUTRITION/
28	exp VITAMIN D DEFICIENCY/
29	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).ti,ab.
30	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).ti,ab.
31	(low\$ adj3 (weight? or height? or BMI)).ti,ab.
32	(short stature? or stunted?).ti,ab.
33	BONE DISEASES, METABOLIC/cn [Congenital]
34	BONE DISEASES, METABOLIC/ and INFANT, PREMATURE/
35	((metabolic bone disease or osteopenia) adj3 prematurity).ti,ab.
36	or/17-35
37	4 and 13 and (16 or 36)
38	exp BONE DISEASES, METABOLIC/ep, et [Epidemiology, Etiology]
39	exp FRACTURES, SPONTANEOUS/ep, et [Epidemiology, Etiology]
40	exp OSTEOPOROTIC FRACTURES/ep, et [Epidemiology, Etiology]
41	or/38-40
42	and/4,41
43	or/37,42
44	limit 43 to english language
45	LETTER/
46	EDITORIAL/
47	NEWS/
48	exp HISTORICAL ARTICLE/
49	ANECDOTES AS TOPIC/
50	COMMENT/
51	CASE REPORT/
52	(letter or comment*).ti.
53	or/45-52
54	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
55	53 not 54
56	ANIMALS/ not HUMANS/
57	exp ANIMALS, LABORATORY/
58	exp ANIMAL EXPERIMENTATION/
59	exp MODELS, ANIMAL/
60	exp RODENTIA/
61	(rat or rats or mouse or mice).ti.
62	or/55-61
63	44 not 62

1

### E.14.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(bone? adj2 (dens\$ or mass)).ti,ab.
5	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
6	(osteopor\$ or osteopen\$ or osteoly\$).ti,ab.
7	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
8	or/4-7
9	risk?.ti,ab.
10	(gross motor function classification or GMFCS\$.ti,ab.
11	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).ti,ab.
12	(antiepileptic\$ or anti convuls\$ or antiepileptic? or anti epileptic?).ti,ab.
13	(sodium valproate or valproic acid or carbamazepi#e).mp.
14	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).ti,ab.

#	Searches
15	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).ti,ab.
16	(low\$ adj3 (weight? or height? or BMI)).ti,ab.
17	(short stature? or stunt\$).ti,ab.
18	((metabolic bone disease or osteopenia) adj3 prematurity).ti,ab.
19	or/9-18
20	3 and 8 and 19

1

### E.14.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	exp BONE DISEASES, METABOLIC/
6	BONE DENSITY/
7	exp FRACTURES, BONE/
8	exp BONE RESORPTION/
9	(bone? adj2 (dens\$ or mass)).ti,ab,kw.
10	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab,kw.
11	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
12	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
13	or/5-12
14	RISK FACTORS/
15	risk?.ti,ab.
16	or/14-15
17	"SEVERITY OF ILLNESS INDEX"/
18	(gross motor function classification or GMFCS\$).ti,ab.
19	MUSCLE SPASTICITY/
20	exp DYSKINESIAS/
21	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).ti,ab.
22	exp ANTICONVULSANTS/
23	VALPROIC ACID/
24	CARBAMAZEPINE/
25	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).mp.
26	(sodium valproate or valproic acid or carbamazepi#e).mp.
27	MALNUTRITION/
28	exp VITAMIN D DEFICIENCY/
29	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).ti,ab,kw.
30	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).ti,ab,kw.
31	(low\$ adj3 (weight? or height? or BMI)).ti,ab.
32	(short stature? or stunt\$).ti,ab.
33	BONE DISEASES, METABOLIC/cn [Congenital]
34	BONE DISEASES, METABOLIC/ and INFANT, PREMATURE/
35	((metabolic bone disease or osteopenia) adj3 prematurity).ti,ab.
36	or/17-35
37	4 and 13 and (16 or 36)
38	exp BONE DISEASES, METABOLIC/ep, et [Epidemiology, Etiology]
39	exp FRACTURES, SPONTANEOUS/ep, et [Epidemiology, Etiology]
40	exp OSTEOPOROTIC FRACTURES/ep, et [Epidemiology, Etiology]
41	or/38-40
42	and/4,41
43	or/37,42

3

### E.14.44 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 5 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	BONE DISEASES, METABOLIC.kw.
6	BONE DENSITY.kw.

#	Searches
7	FRACTURES, BONE.kw.
8	BONE RESORPTION.kw.
9	(bone? adj2 (dens\$ or mass)).tw,tx.
10	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).tw,tx.
11	(osteoporos\$ or osteopen\$ or osteoly\$).tw,tx.
12	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).tw,tx.
13	or/5-12
14	RISK FACTORS.kw.
15	risk?.tw,tx.
16	or/14-15
17	SEVERITY OF ILLNESS INDEX.kw.
18	(gross motor function classification or GMFCS\$).tw,tx.
19	MUSCLE SPASTICITY.kw.
20	DYSKINESIAS.kw.
21	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).tw,tx.
22	ANTICONVULSANTS.kw.
23	VALPROIC ACID.kw.
24	CARBAMAZEPINE.kw.
25	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).tw,tx.
26	(sodium valproate or valproic acid or carbamazepi#e).tw,tx.
27	MALNUTRITION.kw.
28	VITAMIN D DEFICIENCY.kw.
29	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).tw,tx.
30	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).tw,tx.
31	(low\$ adj3 (weight? or height? or BMI)).tw,tx.
32	(short stature? or stunt\$).tw,tx.
33	(BONE DISEASES, METABOLIC and INFANT, PREMATURE).kw.
34	((metabolic bone disease or osteopenia) adj3 prematurity).tw,tx.
35	or/17-34
36	4 and 13 and (16 or 35)

1

### E.14.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	exp BONE DISEASES, METABOLIC/
6	BONE DENSITY/
7	exp FRACTURES, BONE/
8	exp BONE RESORPTION/
9	(bone? adj2 (dens\$ or mass)).tw.
10	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).tw.
11	(osteoporos\$ or osteopen\$ or osteoly\$).tw.
12	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).tw.
13	or/5-12
14	RISK FACTORS/
15	risk?.tw.
16	or/14-15
17	"SEVERITY OF ILLNESS INDEX"/
18	(gross motor function classification or GMFCS\$).tw.
19	MUSCLE SPASTICITY/
20	exp DYSKINESIAS/
21	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).tw.
22	exp ANTICONVULSANTS/
23	VALPROIC ACID/
24	CARBAMAZEPINE/
25	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).tw.
26	(sodium valproate or valproic acid or carbamazepi#e).tw.
27	MALNUTRITION/
28	exp VITAMIN D DEFICIENCY/
29	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).tw.
30	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).tw.
31	(low\$ adj3 (weight? or height? or BMI)).tw.
32	(short stature? or stunt\$).tw.

#	Searches
33	BONE DISEASES, METABOLIC/ and INFANT, PREMATURE/
34	((metabolic bone disease or osteopenia) adj3 prematurity).tw.
35	or/17-34
36	4 and 13 and (16 or 35)

1

### E.14.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp METABOLIC BONE DISEASE/
6	BONE DENSITY/
7	exp FRACTURE/
8	OSTEOLYSIS/
9	BONE ATROPHY/
10	(bone? adj2 (dens\$ or mass)).ti,ab.
11	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
12	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
13	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
14	or/5-13
15	exp RISK FACTOR/
16	risk?.ti,ab.
17	or/15-16
18	GROSS MOTOR FUNCTION CLASSIFICATION SYSTEM/
19	"SEVERITY OF ILLNESS INDEX"/
20	(gross motor function classification or GMFCS\$).ti,ab.
21	SPASTICITY/
22	exp DYSKINESIA/
23	((cerebral palsy or CP) adj3 (type? or spastic\$ or dyskine\$)).ti,ab.
24	exp ANTICONVULSIVE AGENT/
25	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).ti,ab.
26	(sodium valproate or valproic acid or carbamazepi#e).mp.
27	MALNUTRITION/
28	NUTRITIONAL DEFICIENCY/
29	VITAMIN D DEFICIENCY/
30	((nutrition\$ or nourish\$ or grow\$ or vitamin D) adj3 (disorder? or deficien\$ or inadequa\$ or poor or status)).ti,ab.
31	(malnutrition\$ or malnourish\$ or undernutrition\$ or under nutrition\$ or undernourish\$ or under nourish\$ or underweight? or under weight?).ti,ab.
32	(low\$ adj3 (weight? or height? or BMI)).ti,ab.
33	(short stature? or stunt\$).ti,ab.
34	METABOLIC BONE DISEASE/cn [Congenital disorder]
35	METABOLIC BONE DISEASE/ and PREMATURETY/
36	((metabolic bone disease or osteopenia) adj3 prematurity).ti,ab.
37	or/18-36
38	4 and 14 and (17 or 37)
39	exp METABOLIC BONE DISEASE/ep, et [Epidemiology, Etiology]
40	PATHOLOGIC FRACTURE/ep, et [Epidemiology, Etiology]
41	FRAGILITY FRACTURE/ep, et [Epidemiology, Etiology]
42	or/39-41
43	and/4,42
44	or/38,43
45	limit 44 to english language
46	letter.pt. or LETTER/
47	note.pt.
48	editorial.pt.
49	CASE REPORT/ or CASE STUDY/
50	(letter or comment*).ti.
51	or/46-50
52	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
53	51 not 52
54	ANIMAL/ not HUMAN/
55	NONHUMAN/
56	exp ANIMAL EXPERIMENT/
57	exp EXPERIMENTAL ANIMAL/
58	ANIMAL MODEL/
59	exp RODENT/

#	Searches
60	(rat or rats or mouse or mice).ti.
61	or/53-60
62	45 not 61

## E.151 Prevention of reduced bone mineral density

### E.15.12 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	exp BONE DISEASES, METABOLIC/
10	BONE DENSITY/
11	exp FRACTURES, BONE/
12	exp BONE RESORPTION/
13	exp VITAMIN D DEFICIENCY/
14	(bone? adj2 (dens\$ or mass)).ti,ab.
15	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
16	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
17	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
18	((vitamin D or calcium) adj3 deficien\$).ti,ab.
19	or/9-18
20	exp PHYSICAL THERAPY MODALITIES/
21	exp POSTURE/
22	POSTURAL BALANCE/
23	WEIGHT-BEARING/
24	exp EXERCISE THERAPY/
25	VIBRATION/
26	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).ti,ab.
27	(postur\$ adj3 (manag\$ or therap\$)).ti,ab.
28	standing.ti,ab.
29	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).ti,ab.
30	vibrotherap\$.ti,ab.
31	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).ti,ab.
32	(static adj (bike? or bicyc\$ or cycl\$)).ti,ab.
33	treadmill?.ti,ab.
34	exp BONE DENSITY CONSERVATION AGENTS/
35	CHEMOPREVENTION/
36	(bone adj2 density conserv\$ adj3 (agent? or drug?)).ti,ab.
37	(bone resorption inhibit\$ or antiresorpt\$ or anti resorpt\$).ti,ab.
38	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).ti,ab.
39	exp NUTRITION THERAPY/
40	exp FEEDING METHODS/
41	GASTROSTOMY/
42	JEJUNOSTOMY/
43	INTUBATION, GASTROINTESTINAL/
44	DIET/
45	DIETETICS/
46	DIETARY SUPPLEMENTS/
47	CALCIUM, DIETARY/
48	CALCIUM/
49	VITAMINS/
50	exp VITAMIN D/
51	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).ti,ab.
52	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
53	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.
54	diet\$.ti,ab.
55	(calcium or vitamin D or sunlight or sunshine).ti,ab.
56	exp DIPHOSPHONATES/
57	(bisphosphon\$ or diphosphon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).mp.



#	Searches
58	or/20-57
59	and/8,19,58
60	exp BONE DISEASES, METABOLIC/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
61	exp FRACTURES, SPONTANEOUS/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
62	exp OSTEOPOROTIC FRACTURES/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
63	8 and (60 or 61 or 62)
64	or/59,63
65	limit 64 to english language
66	LETTER/
67	EDITORIAL/
68	NEWS/
69	exp HISTORICAL ARTICLE/
70	ANECDOTES AS TOPIC/
71	COMMENT/
72	CASE REPORT/
73	(letter or comment*).ti.
74	or/66-73
75	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
76	74 not 75
77	ANIMALS/ not HUMANS/
78	exp ANIMALS, LABORATORY/
79	exp ANIMAL EXPERIMENTATION/
80	exp MODELS, ANIMAL/
81	exp RODENTIA/
82	(rat or rats or mouse or mice).ti.
83	or/76-82
84	65 not 83

1

### E.15.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or parals#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	(disab\$ or neurodisab\$ or handicap\$).ti.
4	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
5	(neurolog\$ adj impair\$).ti,ab.
6	or/1-5
7	(bone? adj2 (dens\$ or mass)).ti,ab.
8	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
9	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
10	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
11	((vitamin D or calcium) adj3 deficien\$).ti,ab.
12	or/7-11
13	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).ti,ab.
14	(postur\$ adj3 (manag\$ or therap\$)).ti,ab.
15	standing.ti,ab.
16	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).ti,ab.
17	vibrotherap\$.ti,ab.
18	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).ti,ab.
19	(static adj (bike? or bicyc\$ or cycl\$)).ti,ab.
20	treadmill?.ti,ab.
21	(bone adj2 density conserv\$ adj3 (agent? or drug?)).ti,ab.
22	(bone resorption inhibit\$ or antiresort\$ or anti resorpt\$).ti,ab.
23	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).ti,ab.
24	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).ti,ab.
25	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
26	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.
27	diet\$.ti,ab.
28	(calcium or vitamin D or sunlight or sunshine).ti,ab.
29	(bisphosphon\$ or diphosphon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).mp.
30	or/13-29
31	6 and 12 and 30

### E.15.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab,kw.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	exp BONE DISEASES, METABOLIC/
10	BONE DENSITY/
11	exp FRACTURES, BONE/
12	exp BONE RESORPTION/
13	exp VITAMIN D DEFICIENCY/
14	(bone? adj2 (dens\$ or mass)).ti,ab,kw.
15	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab,kw.
16	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab,kw.
17	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab,kw.
18	((vitamin D or calcium) adj3 deficien\$).ti,ab,kw.
19	or/9-18
20	exp PHYSICAL THERAPY MODALITIES/
21	exp POSTURE/
22	POSTURAL BALANCE/
23	WEIGHT-BEARING/
24	exp EXERCISE THERAPY/
25	VIBRATION/
26	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).ti,ab,kw.
27	(postur\$ adj3 (manag\$ or therap\$)).ti,ab,kw.
28	standing.ti,ab.
29	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).ti,ab,kw.
30	vibrotherap\$.ti,ab.
31	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).ti,ab,kw.
32	(static adj (bike? or bicyc\$ or cycl\$)).ti,ab.
33	treadmill?.ti,ab.
34	exp BONE DENSITY CONSERVATION AGENTS/
35	CHEMOPREVENTION/
36	(bone adj2 density conserv\$ adj3 (agent? or drug?)).ti,ab,kw.
37	(bone resorption inhibit\$ or antiresorpt\$ or anti resorpt\$).ti,ab,kw.
38	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).ti,ab,kw.
39	exp NUTRITION THERAPY/
40	exp FEEDING METHODS/
41	GASTROSTOMY/
42	JEJUNOSTOMY/
43	INTUBATION, GASTROINTESTINAL/
44	DIET/
45	DIETETICS/
46	DIETARY SUPPLEMENTS/
47	CALCIUM, DIETARY/
48	CALCIUM/
49	VITAMINS/
50	exp VITAMIN D/
51	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).ti,ab,kw.
52	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab,kw.
53	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab,kw.
54	diet\$.ti,ab,kw.
55	(calcium or vitamin D or sunlight or sunshine).ti,ab,kw.
56	exp DIPHOSPHONATES/
57	(bisphospon\$ or diphospon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).mp.
58	or/20-57
59	and/8,19,58
60	exp BONE DISEASES, METABOLIC/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
61	exp FRACTURES, SPONTANEOUS/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]

#	Searches
62	exp OSTEOPOROTIC FRACTURES/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
63	8 and (60 or 61 or 62)
64	or/59,63

1

#### E.15.42 Database: Cochrane Database of Systematic Reviews

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES.kw.
5	(disab\$ or neurodisab\$ or handicap\$.ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$.tw.
8	or/1-7
9	BONE DISEASES, METABOLIC.kw.
10	BONE DENSITY.kw.
11	FRACTURES, BONE.kw.
12	BONE RESORPTION.kw.
13	VITAMIN D DEFICIENCY.kw.
14	(bone? adj2 (dens\$ or mass)).tw.
15	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).tw.
16	(osteoporos\$ or osteopen\$ or osteoly\$).tw.
17	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).tw.
18	((vitamin D or calcium) adj3 deficien\$).tw.
19	or/9-18
20	PHYSICAL THERAPY MODALITIES.kw.
21	POSTURE.kw.
22	POSTURAL BALANCE.kw.
23	WEIGHT-BEARING.kw.
24	EXERCISE THERAPY.kw.
25	VIBRATION.kw.
26	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).tw.
27	(postur\$ adj3 (manag\$ or therap\$)).tw.
28	standing.tw.
29	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).tw.
30	vibrotherap\$.tw.
31	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).tw.
32	(static adj (bike? or bicyc\$ or cycl\$)).tw.
33	treadmill?.tw.
34	BONE DENSITY CONSERVATION AGENTS.kw.
35	CHEMOPREVENTION.kw.
36	(bone adj2 density conserv\$ adj3 (agent? or drug?)).tw.
37	(bone resorption inhibit\$ or antiresort\$ or anti resort\$).tw.
38	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).tw.
39	NUTRITION THERAPY.kw.
40	FEEDING METHODS.kw.
41	GASTROSTOMY.kw.
42	JEJUNOSTOMY.kw.
43	INTUBATION, GASTROINTESTINAL.kw.
44	DIET.kw.
45	DIETETICS.kw.
46	DIETARY SUPPLEMENTS.kw.
47	CALCIUM, DIETARY.kw.
48	CALCIUM.kw.
49	VITAMINS.kw.
50	VITAMIN D.kw.
51	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).tw.
52	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ nasogastric\$ or naso gastric\$ or intraintestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).tw.
53	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).tw.
54	diet\$.tw.
55	(calcium or vitamin D or sunlight or sunshine).tw.
56	DIPHOSPHONATES.kw.
57	(bisphospon\$ or diphospon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).tw.

#	Searches
58	or/20-57
59	and/8,19,58

1

### E.15.52 Database: Database of Abstracts of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES.kw.
5	(disab\$ or neurodisab\$ or handicap\$).tw.
6	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$).tw.
8	or/1-7
9	BONE DISEASES, METABOLIC.kw.
10	BONE DENSITY.kw.
11	FRACTURES, BONE.kw.
12	BONE RESORPTION.kw.
13	VITAMIN D DEFICIENCY.kw.
14	(bone? adj2 (dens\$ or mass)).tw.
15	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).tw.
16	(osteopor\$ or osteopen\$ or osteoly\$).tw.
17	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).tw.
18	((vitamin D or calcium) adj3 deficien\$).tw.
19	or/9-18
20	PHYSICAL THERAPY MODALITIES.kw.
21	POSTURE.kw.
22	POSTURAL BALANCE.kw.
23	WEIGHT-BEARING.kw.
24	EXERCISE THERAPY.kw.
25	VIBRATION.kw.
26	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).tw.
27	(postur\$ adj3 (manag\$ or therap\$)).tw.
28	standing.tw.
29	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).tw.
30	vibrotherap\$.tw.
31	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).tw.
32	(static adj (bike? or bicyc\$ or cycl\$)).tw.
33	treadmill?.tw.
34	BONE DENSITY CONSERVATION AGENTS.kw.
35	CHEMOPREVENTION.kw.
36	(bone adj2 density conserv\$ adj3 (agent? or drug?)).tw.
37	(bone resorption inhibit\$ or antiresort\$ or anti resorpt\$).tw.
38	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).tw.
39	NUTRITION THERAPY.kw.
40	FEEDING METHODS.kw.
41	GASTROSTOMY.kw.
42	JEJUNOSTOMY.kw.
43	INTUBATION, GASTROINTESTINAL.kw.
44	DIET.kw.
45	DIETETICS.kw.
46	DIETARY SUPPLEMENTS.kw.
47	CALCIUM, DIETARY.kw.
48	CALCIUM.kw.
49	VITAMINS.kw.
50	VITAMIN D.kw.
51	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).tw.
52	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ nasogastric\$ or naso gastric\$ or intrainstestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).tw.
53	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).tw.
54	diet\$.tw.
55	(calcium or vitamin D or sunlight or sunshine).tw.
56	DIPHOSPHONATES.kw.
57	(bisphosphon\$ or diphosphon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).tw.
58	or/20-57
59	and/8,19,58

### E.15.62 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).tw.
6	(development\$ adj (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$).tw.
8	or/1-7
9	exp BONE DISEASES, METABOLIC/
10	BONE DENSITY/
11	exp FRACTURES, BONE/
12	exp BONE RESORPTION/
13	exp VITAMIN D DEFICIENCY/
14	(bone? adj2 (dens\$ or mass)).tw.
15	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).tw.
16	(osteoporos\$ or osteopen\$ or osteoly\$).tw.
17	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).tw.
18	((vitamin D or calcium) adj3 deficien\$).tw.
19	or/9-18
20	exp PHYSICAL THERAPY MODALITIES/
21	exp POSTURE/
22	POSTURAL BALANCE/
23	WEIGHT-BEARING/
24	exp EXERCISE THERAPY/
25	VIBRATION/
26	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).tw.
27	(postur\$ adj3 (manag\$ or therap\$)).tw.
28	standing.tw.
29	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).tw.
30	vibrotherap\$.tw.
31	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).tw.
32	(static adj (bike? or bicyc\$ or cycl\$)).tw.
33	treadmill?.tw.
34	exp BONE DENSITY CONSERVATION AGENTS/
35	CHEMOPREVENTION/
36	(bone adj2 density conserv\$ adj3 (agent? or drug?)).tw.
37	(bone resorption inhibit\$ or antiresorpt\$ or anti resorpt\$).tw.
38	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).tw.
39	exp NUTRITION THERAPY/
40	exp FEEDING METHODS/
41	GASTROSTOMY/
42	JEJUNOSTOMY/
43	INTUBATION, GASTROINTESTINAL/
44	DIET/
45	DIETETICS/
46	DIETARY SUPPLEMENTS/
47	CALCIUM, DIETARY/
48	CALCIUM/
49	VITAMINS/
50	exp VITAMIN D/
51	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).tw.
52	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ or nasogastric\$ or naso gastric\$ or intrainstestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).tw.
53	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).tw.
54	diet\$.tw.
55	(calcium or vitamin D or sunlight or sunshine).tw.
56	exp DIPHOSPHONATES/
57	((bisphospon\$ or diphospon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).tw.
58	or/20-57
59	and/8,19,58
60	exp BONE DISEASES, METABOLIC/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
61	exp FRACTURES, SPONTANEOUS/dh, dt, pc, rh, th [Diet Therapy, Drug Therapy, Prevention & Control, Rehabilitation, Therapy]

#	Searches
62	60 or 61
63	8 and 62
64	59 or 63

1

### E.15.72 Database: Embase

#	Searches
1	*CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	*DEVELOPMENTAL DISORDER/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	exp *METABOLIC BONE DISEASE/
10	*BONE DENSITY/
11	exp *FRACTURE/
12	*OSTEOLYSIS/
13	*BONE ATROPHY/
14	*VITAMIN D DEFICIENCY/
15	*CALCIUM DEFICIENCY/
16	(bone? adj2 (dens\$ or mass)).ti,ab.
17	(bone? adj3 (deminerali\$ or de minerali\$ or decalcify\$ or de calcif\$ or fractur\$ or fragil\$ or loss or atroph\$)).ti,ab.
18	(osteoporos\$ or osteopen\$ or osteoly\$).ti,ab.
19	((fragil\$ or pathological\$ or spontaneous\$) adj fracture?).ti,ab.
20	((vitamin D or calcium) adj3 deficien\$).ti,ab.
21	or/9-20
22	exp *PHYSIOTHERAPY/
23	exp *BODY POSITION/
24	*ORTHOTICS/
25	*ORTHOPEDIC EQUIPMENT/
26	exp *ORTHOSIS/
27	*SELF HELP DEVICE/
28	*STANDING FRAME/
29	*WEIGHT BEARING/
30	exp *KINESIOTHERAPY/
31	*PASSIVE MOVEMENT/
32	exp *VIBRATION/
33	(physiotherapy\$ or kinesi?therap\$ or physical therap\$).ti,ab.
34	(postur\$ adj3 (manag\$ or therap\$)).ti,ab.
35	standing.ti,ab.
36	(weightbear\$ or weight bear\$ or loadbear\$ or load bear\$).ti,ab.
37	vibrotherap\$.ti,ab.
38	((passive\$ or active\$ or vibrat\$ or rebound) adj3 (therap\$ or exercis\$ or movement? or moving or motion)).ti,ab.
39	(static adj (bike? or bicyc\$ or cycl\$)).ti,ab.
40	treadmill?.ti,ab.
41	*BONE DENSITY CONSERVATION AGENT/
42	*CHEMOPROPHYLAXIS/
43	(bone adj2 density conserv\$ adj3 (agent? or drug?)).ti,ab.
44	(bone resorption inhibit\$ or antiresorpt\$ or anti resorpt\$).ti,ab.
45	(chemoprevent\$ or prophyla\$ or chemoprophyla\$).ti,ab.
46	exp *DIET THERAPY/
47	exp *ARTIFICIAL FEEDING/
48	*GASTROSTOMY/
49	*JEJUNOSTOMY/
50	*GASTROJEJUNOSTOMY/
51	exp *DIGESTIVE TRACT INTUBATION/
52	*DIET/
53	*DIETETICS/
54	*DIET SUPPLEMENTATION/
55	*CALCIUM, INTAKE/
56	*CALCIUM/
57	exp *VITAMIN D/
58	((nutrition\$ or fed or feed\$ or food) adj3 (therap\$ or support\$ or supplement\$ or fortif\$)).ti,ab.
59	((enteral\$ or enteric\$ or intragastric\$ or intra gastric\$ nasogastric\$ or naso gastric\$ or intrainestinal\$ or intra intestinal\$ or tube) adj3 (feed\$ or fed)).ti,ab.
60	(gastrostom\$ or jejunostom\$ or gastrojejunostom\$ or gastro jejunostom\$).ti,ab.

#	Searches
61	diet\$.ti,ab.
62	(calcium or vitamin D or sunlight or sunshine).ti,ab.
63	exp *BISPHOSPHONIC ACID DERIVATIVE/
64	(bisphosphon\$ or diphosphon\$ or alendronate or alendronic acid? or clodronate or clodronic acid? or etidronate or etidronic acid? or ibandronate or ibandronic acid? or pamidronate or pamidronic acid? or risedronate or risedronic acid? or zoledronate or zoledronic acid?).mp.
65	or/22-64
66	and/8,21,65
67	exp METABOLIC BONE DISEASE/dt, pc, rh, th [Drug Therapy, Prevention, Rehabilitation, Therapy]
68	PATHOLOGIC FRACTURE/dt, pc, rh, th [Drug Therapy, Prevention, Rehabilitation, Therapy]
69	FRAGILITY FRACTURE/dt, pc, rh, th [Drug Therapy, Prevention, Rehabilitation, Therapy]
70	67 or 68 or 69
71	8 and 70
72	66 or 71
73	limit 72 to english language
74	letter.pt. or LETTER/
75	note.pt.
76	editorial.pt.
77	CASE REPORT/ or CASE STUDY/
78	(letter or comment*).ti.
79	or/74-78
80	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
81	79 not 80
82	ANIMAL/ not HUMAN/
83	NONHUMAN/
84	exp ANIMAL EXPERIMENT/
85	exp EXPERIMENTAL ANIMAL/
86	ANIMAL MODEL/
87	exp RODENT/
88	(rat or rats or mouse or mice).ti.
89	or/81-88
90	73 not 89

## E.16<sub>1</sub> Causes of pain, distress, discomfort and sleep disturbance

### E.16.12 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
6	exp SLEEP DISORDERS/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
7	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
8	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
9	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
10	or/5-9
11	and/4,10
12	limit 11 to english language
13	LETTER/
14	EDITORIAL/
15	NEWS/
16	exp HISTORICAL ARTICLE/
17	ANECDOTES AS TOPIC/
18	COMMENT/
19	CASE REPORT/
20	(letter or comment*).ti.
21	or/13-20
22	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
23	21 not 22
24	ANIMALS/ not HUMANS/
25	exp ANIMALS, LABORATORY/
26	exp ANIMAL EXPERIMENTATION/
27	exp MODELS, ANIMAL/
28	exp RODENTIA/

#	Searches
29	(rat or rats or mouse or mice).ti.
30	or/23-29
31	12 not 30

1

### E.16.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
5	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
6	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
7	or/4-6
8	and/3,7

3

### E.16.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
6	(PAIN di or PAIN ep or PAIN et).kw. [Diagnosis, Epidemiology, Etiology]
7	exp SLEEP DISORDERS/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
8	(SLEEP DISORDER di or SLEEP DISORDER ep or SLEEP DISORDER et).kw. [Diagnosis, Epidemiology, Etiology]
9	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
10	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
11	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
12	or/5-11
13	and/4,12

5

### E.16.46 Database: Cochrane Database of Systematic Reviews; Database of Abstracts of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	(PAIN and (CLASSIFICATION or DIAGNOSIS or EPIDEMIOLOGY or ETIOLOGY or PHYSIOPATHOLOGY)).kw.
6	SLEEP DISORDERS.kw.
7	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw,tx.
8	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw,tx.
9	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw,tx.
10	or/5-9
11	and/4,10

8

### E.16.59 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/



#	Searches
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	exp PAIN/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
6	exp SLEEP DISORDERS/cl, di, ep, et, pp [Classification, Diagnosis, Epidemiology, Etiology, Physiopathology]
7	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw.
8	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw.
9	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).tw.
10	or/5-9
11	and/4,10

1

### E.16.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/di, ep, et [Diagnosis, Epidemiology, Etiology]
6	exp SLEEP DISORDER/di, ep, et [Diagnosis, Epidemiology, Etiology]
7	((pain\$ or discomfort\$ or distress\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
8	((sleep\$ disorder? or sleep\$ disturb\$) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
9	((dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj5 (cause? or causal\$ or etiolog\$ or aetiolog\$ or prevalen\$ or incidence? or rate?)).ti,ab.
10	or/5-9
11	and/4,10
12	limit 11 to english language
13	letter.pt. or LETTER/
14	note.pt.
15	editorial.pt.
16	CASE REPORT/ or CASE STUDY/
17	(letter or comment*).ti.
18	or/13-17
19	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
20	18 not 19
21	ANIMAL/ not HUMAN/
22	NONHUMAN/
23	exp ANIMAL EXPERIMENT/
24	exp EXPERIMENTAL ANIMAL/
25	ANIMAL MODEL/
26	exp RODENT/
27	(rat or rats or mouse or mice).ti.
28	or/20-27
29	12 not 28

## E.17<sup>3</sup> Assessment of pain, distress, discomfort and sleep 4 disturbances

### E.17.15 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	DEVELOPMENTAL DISABILITIES/
6	*COGNITION DISORDERS/
7	*DISABLED CHILDREN/
8	*INTELLECTUAL DISABILITY/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti,ab.

#	Searches
11	or/5-10
12	exp PAIN/di [Diagnosis]
13	exp SLEEP DISORDERS/di [Diagnosis]
14	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).ti,ab.
15	or/12-14
16	SEVERITY OF ILLNESS INDEX/
17	QUESTIONNAIRES/
18	VISUAL ANALOG SCALE/
19	POLYSOMNOGRAPHY/
20	ACTIGRAPHY/
21	exp OXIMETRY/
22	CAPNOGRAPHY/
23	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
24	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).ti,ab.
25	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).ti,ab.
26	or/16-25
27	exp COMMUNICATION DISORDERS/
28	exp NONVERBAL COMMUNICATION/
29	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).ti,ab.
30	(nonverbal or non verbal).ti,ab.
31	or/27-30
32	(4 or 11) and 15 and (26 or 31)
33	4 and PAIN MEASUREMENT/
34	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC\$ or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individual#ed Numeric Rating Scale" or "visual analog\$ scale?").ti,ab.
35	or/32-34
36	limit 35 to english language
37	LETTER/
38	EDITORIAL/
39	NEWS/
40	exp HISTORICAL ARTICLE/
41	ANECDOTES AS TOPIC/
42	COMMENT/
43	CASE REPORT/
44	(letter or comment*).ti.
45	or/37-44
46	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
47	45 not 46
48	ANIMALS/ not HUMANS/
49	exp ANIMALS, LABORATORY/
50	exp ANIMAL EXPERIMENTATION/
51	exp MODELS, ANIMAL/
52	exp RODENTIA/
53	(rat or rats or mouse or mice).ti.
54	or/47-53
55	36 not 54

1

### E.17.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	(disab\$ or neurodisab\$ or handicap\$).ti.
4	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti,ab.
5	or/1-4
6	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).ti,ab.
7	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
8	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).ti,ab.
9	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).ti,ab.
10	or/7-9
11	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).ti,ab.
12	(nonverbal or non verbal).ti,ab.
13	or/11-12

#	Searches
14	5 and 6 and (10 or 13)
15	(1 or 2) and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC\$ or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog\$ scale?").ti,ab.
16	or/14-15

1

### E.17.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	DEVELOPMENTAL DISABILITIES/
6	*COGNITION DISORDERS/ or COGNITIVE DEFECT.kw.
7	*DISABLED CHILDREN/ or HANDICAPPED CHILD.kw.
8	*INTELLECTUAL DISABILITY/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti,ab,kw.
11	or/5-10
12	exp PAIN/di or PAIN di.kw. [Diagnosis]
13	exp SLEEP DISORDERS/di or SLEEP DISORDER di.kw. [Diagnosis]
14	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).ti,ab.
15	or/12-14
16	SEVERITY OF ILLNESS INDEX.sh,kw.
17	(DISEASE SEVERITY or BOTHERSOMENESS or CLINICAL ASSESSMENT TOOL or INDIVIDUALIZED NUMERICAL RATING SCALE or "FACE LEGS ACTIVITY CRY AND CONSOLABILITY" or SCORING SYSTEM).kw.
18	QUESTIONNAIRE?.sh,kw.
19	VISUAL ANALOG SCALE.sh,kw.
20	POLYSOMNOGRAPHY/
21	ACTIGRAPHY/
22	exp OXIMETRY/
23	CAPNOGRAPHY/
24	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
25	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).ti,ab.
26	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).ti,ab,kw.
27	or/16-26
28	exp COMMUNICATION DISORDERS/
29	exp NONVERBAL COMMUNICATION/
30	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).ti,ab,kw.
31	(nonverbal or non verbal).ti,ab,kw.
32	or/28-31
33	(4 or 11) and 15 and (27 or 32)
34	4 and (PAIN MEASUREMENT or PAIN ASSESSMENT).sh,kw.
35	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC\$ or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog\$ scale?").ti,ab.
36	or/33-35

3

### E.17.44 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 5 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	DEVELOPMENTAL DISABILITIES.kw.
6	COGNITION DISORDERS.kw.
7	DISABLED CHILDREN.kw.
8	INTELLECTUAL DISABILITY.kw.
9	(disab\$ or neurodisab\$ or handicap\$).ti.

#	Searches
10	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti.
11	or/5-10
12	(PAIN and DIAGNOSIS).kw.
13	(SLEEP DISORDERS and DIAGNOSIS).kw.
14	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).tw,tx.
15	or/12-14
16	SEVERITY OF ILLNESS INDEX.kw.
17	QUESTIONNAIRES.kw.
18	VISUAL ANALOG SCALE.kw.
19	POLYSOMNOGRAPHY.kw.
20	ACTIGRAPHY.kw.
21	OXIMETRY.kw.
22	CAPNOGRAPHY.kw.
23	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).tw,tx.
24	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).tw,tx.
25	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).tw,tx.
26	or/16-25
27	COMMUNICATION DISORDERS.kw.
28	NONVERBAL COMMUNICATION.kw.
29	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).tw,tx.
30	(nonverbal or non verbal).tw,tx.
31	or/27-30
32	(4 or 11) and 15 and (26 or 31)
33	4 and PAIN MEASUREMENT.kw.
34	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC? or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog\$ scale?").tw,tx.
35	or/32-34

1

### E.17.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	DEVELOPMENTAL DISABILITIES/
6	*COGNITION DISORDERS/
7	*DISABLED CHILDREN/
8	*INTELLECTUAL DISABILITY/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).tw.
11	or/5-10
12	exp PAIN/di [Diagnosis]
13	exp SLEEP DISORDERS/di [Diagnosis]
14	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).tw.
15	or/12-14
16	SEVERITY OF ILLNESS INDEX/
17	QUESTIONNAIRES/
18	VISUAL ANALOG SCALE/
19	POLYSOMNOGRAPHY/
20	ACTIGRAPHY/
21	exp OXIMETRY/
22	CAPNOGRAPHY/
23	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).tw.
24	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).tw.
25	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).tw.
26	or/16-25
27	exp COMMUNICATION DISORDERS/
28	exp NONVERBAL COMMUNICATION/
29	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).tw.
30	(nonverbal or non verbal).tw.
31	or/27-30
32	(4 or 11) and 15 and (26 or 31)

#	Searches
33	4 and PAIN MEASUREMENT/
34	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC\$ or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog\$ scale?").tw.
35	or/32-34

1

### E.17.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	DEVELOPMENTAL DISORDER/
6	*COGNITIVE DEFECT/
7	*HANDICAPPED CHILD/
8	*INTELLECTUAL IMPAIRMENT/
9	(disab\$ or neurodisab\$ or handicap\$).ti.
10	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti,ab.
11	or/5-10
12	exp PAIN/di [Diagnosis]
13	exp SLEEP DISORDER/di [Diagnosis]
14	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).ti,ab.
15	or/12-14
16	*SEVERITY OF ILLNESS INDEX/
17	*DISEASE SEVERITY/
18	*BOTHERSOMENESS/
19	*CLINICAL ASSESSMENT TOOL/
20	INDIVIDUALIZED NUMERICAL RATING SCALE/
21	"FACE LEGS ACTIVITY CRY AND CONSOLABILITY"/
22	*SCORING SYSTEM/
23	exp *QUESTIONNAIRE/
24	*VISUAL ANALOG SCALE/
25	*POLYSOMNOGRAPHY/
26	*ACTIMETRY/
27	exp *OXIMETRY/
28	exp *CAPNOMETRY/
29	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
30	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).ti,ab.
31	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).ti,ab.
32	or/16-31
33	exp COMMUNICATION DISORDER/
34	exp NONVERBAL COMMUNICATION/
35	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).ti,ab.
36	(nonverbal or non verbal).ti,ab.
37	or/33-36
38	(4 or 11) and 15 and (32 or 37)
39	4 and exp PAIN ASSESSMENT/
40	4 and PAIN MEASUREMENT/
41	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or NCCPC\$ or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog\$ scale?").ti,ab.
42	or/38-41
43	limit 42 to english language
44	letter.pt. or LETTER/
45	note.pt.
46	editorial.pt.
47	CASE REPORT/ or CASE STUDY/
48	(letter or comment*).ti.
49	or/44-48
50	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
51	49 not 50
52	ANIMAL/ not HUMAN/
53	NONHUMAN/
54	exp ANIMAL EXPERIMENT/
55	exp EXPERIMENTAL ANIMAL/

#	Searches
56	ANIMAL MODEL/
57	exp RODENT/
58	(rat or rats or mouse or mice).ti.
59	or/51-58
60	43 not 59

1

### E.17.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	*DEVELOPMENTAL DISABILITIES/
6	*COGNITIVE IMPAIRMENT/
7	*INTELLECTUAL DEVELOPMENT DISORDER/
8	(disab\$ or neurodisab\$ or handicap\$).ti.
9	((development\$ or cognit\$ or intellect\$ or neurological) adj1 (delay\$ or disorder? or disab\$ or impair\$)).ti.
10	or/5-9
11	exp PAIN/ and (DIAGNOSIS/ or MEASUREMENT/ or diagnos\$.id.)
12	exp SLEEP DISORDERS/ and (DIAGNOSIS/ or MEASUREMENT/ or diagnos\$.id.)
13	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj1 (measur\$ or diagnos\$ or assess\$)).ti,ab.
14	or/11-13
15	exp QUESTIONNAIRES/
16	exp RATING SCALES/
17	POLYSOMNOGRAPHY/
18	((pain\$ or distress\$ or discomfort or sleep\$ or dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?) adj2 (scale? or index\$ or indices or checklist? or Likert\$ or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
19	(sleep\$ adj1 (monitor\$ or investigat\$ or diar\$ or history)).ti,ab.
20	(actigraph\$ or actimet\$ or somnogra\$ or polysomnogra\$ or oximet\$ or capnogra\$ or capnomet\$).ti,ab.
21	or/15-20
22	exp COMMUNICATION DISORDERS/
23	exp NONVERBAL COMMUNICATION/
24	((speech or talk\$ or communicat\$) adj2 (disorder? or difficult\$ or problem? or inabilit\$ or unable)).ti,ab.
25	(nonverbal or non verbal).ti,ab.
26	or/22-25
27	(4 or 10) and 14 and (21 or 26)
28	4 and PAIN MEASUREMENT/
29	4 and ("P?ediatric Pain Profile" or "Non-communicating child\$ pain checklist\$" or "Noncommunicating child\$ pain checklist\$" or "NCCPC\$ or FLACC?" or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individual#ed Numeric Rating Scale" or "visual analog\$ scale?").ti,ab,tm.
30	or/27-29

3

### E.17.84 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	DEVELOPMENTAL DISABILITIES/
6	COGNITION DISORDERS/
7	CHILD, DISABLED/
8	INTELLECTUAL DISABILITY/
9	(disab* or neurodisab* or handicap*).ti.
10	((development* or cognit* or intellect* or neurological) N1 (delay* or disorder? or disab* or impair*)).ti,ab.
11	or/5-10
12	exp PAIN/ and DIAGNOSIS/
13	((pain* or distress* or discomfort or sleep* or dyssomni* or parasomni* or insomni* or apn?ea?) N1 (measur* or diagnos* or assess*)).ti,ab.
14	or/12-13
15	SEVERITY OF ILLNESS INDICES/
16	CLINICAL ASSESSMENT TOOLS/
17	QUESTIONNAIRES/

#	Searches
18	CHECKLISTS/
19	SCALES/
20	((pain* or distress* or discomfort or sleep* or dyssomni* or parasomni* or insomni* or apn?ea?) N2 (scale? or index* or indices or checklist? or Likert* or rating or rate? or profile? or tool? or questionnaire?)).ti,ab.
21	or/15-20
22	exp COMMUNICATIVE DISORDERS/
23	NONVERBAL COMMUNICATION/
24	((speech or talk* or communicat*) N2 (disorder? or difficult* or problem? or inabilit* or unable)).ti,ab.
25	or/22-24
26	(4 or 11) and 14 and (21 or 25)
27	PAIN MEASUREMENT/
28	("P?ediatric Pain Profile" or "Non-communicating child* pain checklist*" or "Noncommunicating child* pain checklist*" or NCCPC* or FLACC? or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog* scale?").ti,ab.
29	or/27-28
30	4 and 29
31	26 or 30

1

### E.17.92 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys#s or pares#s)).ti,ab.
3	little* disease.ti,ab.
4	or/1-3
5	DISABILITY/
6	COGNITION DISORDERS/
7	DISABLED CHILDREN/
8	MENTAL RETARDATION/
9	(disab* or neurodisab* or handicap*).ti.
10	((development* or cognit* or intellect* or neurological) adj1 (delay* or disorder* or disab* or impair*).ti.
11	or/5-10
12	exp PAIN/ and (DIAGNOSIS/ or MEASUREMENT/)
13	exp SLEEP DISORDERS/ and (DIAGNOSIS/ or MEASUREMENT/)
14	((pain* or distress* or discomfort or sleep* or dyssomni* or parasomni* or insomni* or apn*ea*) adj1 (measur* or diagnos* or assess*).ti,ab.
15	or/12-14
16	QUESTIONNAIRES/
17	MONITORING PHYSIOLOGIC/
18	exp RESPIRATORY FUNCTION TESTS/
19	((pain* or distress* or discomfort or sleep* or dyssomni* or parasomni* or insomni* or apn*ea*) adj2 (scale* or index* or indices or checklist* or Likert* or rating or rate* or profile* or tool* or questionnaire?)).ti,ab.
20	(sleep* adj1 (monitor* or investigat* or diar* or history)).ti,ab.
21	(actigraph* or actimet* or somnogra* or polysomnogra* or oximet* or capnogra* or capnomet*).ti,ab.
22	or/16-21
23	exp COMMUNICATIVE DISORDERS/
24	exp NONVERBAL COMMUNICATION/
25	((speech or talk* or communicat*) adj2 (disorder* or difficult* or problem* or inabilit* or unable)).ti,ab.
26	(nonverbal or non verbal).ti,ab.
27	or/23-26
28	(4 or 11) and 15 and (22 or 27)
29	4 and PAIN MEASUREMENT/
30	4 and ("P?ediatric Pain Profile" or "Non-communicating child* pain checklist*" or "Noncommunicating child* pain checklist*" or NCCPC* or FLACC* or "Face legs activity cry consolability" or "Wong-Baker FACES" or DisDAT or "Disability Distress Assessment Tool" or Likert or "Individuali#ed Numeric Rating Scale" or "visual analog* scale?").ti,ab.
31	or/28-30
32	limit 31 to english

3

## E.184 Management of pain, distress and discomfort

### E.18.15 Database: Medline

#	Searches
1	CEREBRAL PALSY/

#	Searches
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/
6	(pain\$ or discomfort\$ or distress\$).ti,ab.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap\$ or CBT).ti,ab.
10	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).ti,ab.
11	exp PHYSICAL THERAPY MODALITIES/
12	OCCUPATIONAL THERAPY/
13	exp HYPERTHERMIA, INDUCED/
14	HOT TEMPERATURE/tu [Therapeutic use]
15	(physiotherap\$ or occupational therap\$ or massag\$).ti,ab.
16	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).ti,ab.
17	exp POSTURE/
18	SELF-HELP DEVICES/
19	WHEELCHAIRS/
20	DURABLE MEDICAL EQUIPMENT/
21	exp ORTHOPEDIC EQUIPMENT/
22	DISABILITY EVALUATION/
23	(postur\$ adj2 manag\$).ti,ab.
24	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).ti,ab.
25	HYDROTHERAPY/
26	exp BALNEOLOGY/
27	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).ti,ab.
28	((water or steam) adj therap\$).ti,ab.
29	exp ANALGESIA/
30	exp ANALGESICS/
31	ACETAMINOPHEN/
32	IBUPROFEN/
33	exp FENTANYL/
34	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
35	exp ANTICONVULSANTS/
36	CARBAMAZEPINE/
37	VALPROIC ACID/
38	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).ti,ab.
39	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
40	exp BENZODIAZEPINES/
41	DIAZEPAM/
42	(benzodiazepine? or diazepam or valium).mp.
43	or/8-42
44	and/4,7,43
45	4 and PAIN/dt [Drug therapy]
46	4 and PAIN MANAGEMENT/
47	or/44-46
48	limit 47 to english language
49	LETTER/
50	EDITORIAL/
51	NEWS/
52	exp HISTORICAL ARTICLE/
53	ANECDOTES AS TOPIC/
54	COMMENT/
55	CASE REPORT/
56	(letter or comment*).ti.
57	or/49-56
58	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
59	57 not 58
60	ANIMALS/ not HUMANS/
61	exp ANIMALS, LABORATORY/
62	exp ANIMAL EXPERIMENTATION/
63	exp MODELS, ANIMAL/
64	exp RODENTIA/
65	(rat or rats or mouse or mice).ti.
66	or/59-65
67	48 not 66



### E.18.21 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(pain\$ or discomfort\$ or distress\$).ti,ab.
5	(psychotherap\$ or CBT).ti,ab.
6	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).ti,ab.
7	(physiotherap\$ or occupational therap\$ or massag\$).ti,ab.
8	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).ti,ab.
9	(postur\$ adj2 manag\$).ti,ab.
10	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).ti,ab.
11	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).ti,ab.
12	((water or steam) adj therap\$).ti,ab.
13	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
14	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).ti,ab.
15	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
16	(benzodiazepine? or diazepam or valium).mp.
17	or/5-16
18	and/3-4,17

2

### E.18.33 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/
6	(pain\$ or discomfort\$ or distress\$).ti,ab,kw.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap\$ or CBT).ti,ab,kw.
10	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).ti,ab.
11	exp PHYSICAL THERAPY MODALITIES/
12	OCCUPATIONAL THERAPY/
13	exp HYPERTHERMIA, INDUCED/
14	HOT TEMPERATURE/tu [Therapeutic use]
15	(physiotherap\$ or occupational therap\$ or massag\$).ti,ab,kw.
16	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).ti,ab,kw.
17	exp POSTURE/
18	BODY POSITION.kw.
19	SELF-HELP DEVICES.sh,kw.
20	WHEELCHAIR?.sh,kw.
21	WALKING AID.kw.
22	DURABLE MEDICAL EQUIPMENT/
23	(REHABILITATION EQUIPMENT or MEDICAL DEVICE).kw.
24	exp ORTHOPEDIC EQUIPMENT/
25	ORTHOPEDIC EQUIPMENT.kw.
26	DISABILITY EVALUATION/
27	(postur\$ adj2 manag\$).ti,ab.
28	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).ti,ab.
29	HYDROTHERAPY/
30	exp BALNEOLOGY/
31	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).ti,ab,kw.
32	((water or steam) adj therap\$).ti,ab.
33	exp ANALGESIA/
34	exp ANALGESICS/
35	ACETAMINOPHEN/
36	IBUPROFEN/
37	exp FENTANYL/
38	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
39	exp ANTICONVULSANTS/
40	ANTICONVULSIVE AGENT.kw.
41	CARBAMAZEPINE/
42	VALPROIC ACID/
43	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).ti,ab.

#	Searches
44	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
45	exp BENZODIAZEPINES/
46	BENZODIAZEPINE DERIVATIVE.kw.
47	DIAZEPAM/
48	(benzodiazepine? or diazepam or valium).mp.
49	or/8-48
50	and/4,7,49
51	4 and PAIN/dt [Drug therapy]
52	4 and PAIN MANAGEMENT/
53	or/50-52

1

### E.18.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx,kw.
2	little? disease.tw,tx.
3	or/1-2
4	(pain\$ or discomfort\$ or distress\$).tw,tx,kw.
5	(psychotherap\$ or CBT).tw,tx,kw.
6	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).tw,tx.
7	PHYSICAL THERAPY MODALITIES.kw.
8	HYPERTHERMIA, INDUCED.kw.
9	HOT TEMPERATURE.kw.
10	(physiotherap\$ or occupational therap\$ or massag\$).tw,tx,kw.
11	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).tw,tx.
12	POSTURE.kw.
13	SELF-HELP DEVICES.kw.
14	WHEELCHAIRS.kw.
15	DURABLE MEDICAL EQUIPMENT.kw.
16	ORTHOPEDIC EQUIPMENT.kw.
17	DISABILITY EVALUATION.kw.
18	(postur\$ adj2 manag\$).tw,tx.
19	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).tw,tx.
20	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).tw,tx,kw.
21	((water or steam) adj therap\$).tw,tx.
22	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).tw,tx,kw.
23	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).tw,tx,kw.
24	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).tw,tx,kw.
25	(benzodiazepine? or diazepam or valium).tw,tx,kw.
26	or/5-25
27	and/3-4,26
28	3 and PAIN dt.kw.
29	3 and PAIN MANAGEMENT.kw.
30	or/27-29

4

### E.18.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	exp PAIN/
6	(pain\$ or discomfort\$ or distress\$).tw.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap\$ or CBT).tw.
10	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).tw.
11	exp PHYSICAL THERAPY MODALITIES/
12	OCCUPATIONAL THERAPY/
13	exp HYPERTHERMIA, INDUCED/
14	HOT TEMPERATURE/tu [Therapeutic use]
15	(physiotherap\$ or occupational therap\$ or massag\$).tw.
16	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).tw.

#	Searches
17	exp POSTURE/
18	SELF-HELP DEVICES/
19	WHEELCHAIRS/
20	DURABLE MEDICAL EQUIPMENT/
21	exp ORTHOPEDIC EQUIPMENT/
22	DISABILITY EVALUATION/
23	(postur\$ adj2 manag\$).tw.
24	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).tw.
25	HYDROTHERAPY/
26	exp BALNEOLOGY/
27	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).tw.
28	((water or steam) adj therap\$).tw.
29	exp ANALGESIA/
30	exp ANALGESICS/
31	ACETAMINOPHEN/
32	IBUPROFEN/
33	exp FENTANYL/
34	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
35	exp ANTICONVULSANTS/
36	CARBAMAZEPINE/
37	VALPROIC ACID/
38	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).tw.
39	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
40	exp BENZODIAZEPINES/
41	DIAZEPAM/
42	(benzodiazepine? or diazepam or valium).mp.
43	or/8-42
44	and/4,7,43
45	4 and PAIN/dt [Drug therapy]
46	4 and PAIN MANAGEMENT/
47	or/44-46

1

### E.18.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp *PAIN/
6	(pain\$ or discomfort\$ or distress\$).ti,ab.
7	or/5-6
8	exp *PSYCHOTHERAPY/
9	(psychotherap\$ or CBT).ti,ab.
10	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).ti,ab.
11	exp *PHYSIOTHERAPY/
12	*OCCUPATIONAL THERAPY/
13	*HYPERTHERMIC THERAPY/
14	*MASSAGE/
15	(physiotherap\$ or occupational therap\$ or massag\$).ti,ab.
16	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).ti,ab.
17	exp *BODY POSITION/
18	*SELF HELP DEVICE/
19	exp *WHEELCHAIR/
20	exp *WALKING AID/
21	*REHABILITATION EQUIPMENT/
22	*MEDICAL DEVICE/
23	exp *ORTHOPEDIC EQUIPMENT/
24	(postur\$ adj2 manag\$).ti,ab.
25	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).ti,ab.
26	exp *BALNEOTHERAPY/
27	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).ti,ab.
28	((water or steam) adj therap\$).ti,ab.
29	exp *ANALGESIA/
30	exp *ANALGESIC AGENT/
31	*PARACETAMOL/

#	Searches
32	*IBUPROFEN/
33	*FENTANYL/
34	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
35	exp *ANTICONVULSIVE AGENT/
36	*GABAPENTIN/
37	*PREGABALIN/
38	*CARBAMAZEPINE/
39	*VALPROIC ACID/
40	(anticonvuls\$ or anti convuls\$ or antiepileptic? or anti epileptic?).ti,ab.
41	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
42	exp *BENZODIAZEPINE DERIVATIVE/
43	*DIAZEPAM/
44	(benzodiazepine? or diazepam or valium).mp.
45	or/8-44
46	and/4,7,45
47	4 and PAIN/dt, th [Drug therapy, Therapy]
48	or/46-47
49	limit 48 to english language
50	letter.pt. or LETTER/
51	note.pt.
52	editorial.pt.
53	CASE REPORT/ or CASE STUDY/
54	(letter or comment*).ti.
55	or/50-54
56	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
57	55 not 56
58	ANIMAL/ not HUMAN/
59	NONHUMAN/
60	exp ANIMAL EXPERIMENT/
61	exp EXPERIMENTAL ANIMAL/
62	ANIMAL MODEL/
63	exp RODENT/
64	(rat or rats or mouse or mice).ti.
65	or/57-64
66	49 not 65

1

### E.18.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/
6	(pain\$ or discomfort\$ or distress\$).ti,ab.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap\$ or CBT).ti,ab.
10	((psychol\$ or behav\$ or cognit\$) adj3 therap\$).ti,ab,hw,id.
11	exp PHYSICAL THERAPY/
12	(physiotherap\$ or occupational therap\$ or massag\$).ti,ab.
13	((heat\$ or hot\$ or hypertherm\$) adj2 (therap\$ or pad?)).ti,ab.
14	POSTURE/
15	MOBILITY AIDS/
16	DISABILITY EVALUATION/
17	(postur\$ adj2 manag\$).ti,ab.
18	((assess\$ or reassess\$ or review\$ or evaluat\$ or reevaluat\$) adj3 (equipment or seat\$ or wheelchair? or wheel chair? or splint\$ or orthos\$ or brace\$)).ti,ab.
19	HYDROTHERAPY/
20	(hydrotherap\$ or bath\$ or balneotherap\$ or balneolog\$).ti,ab.
21	((water or steam) adj therap\$).ti,ab.
22	ANALGESIA/
23	ANALGESIC DRUGS/
24	FENTANYL/
25	(analgesi\$ or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
26	exp ANTICONVULSIVE DRUGS/
27	CARBAMAZEPINE/
28	VALPROIC ACID/

#	Searches
29	(anticonvuls\$ or anti convuls\$ or antiepilep\$ or anti epilep\$).ti,ab.
30	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).mp.
31	exp BENZODIAZEPINES/
32	DIAZEPAM/
33	(benzodiazepine? or diazepam or valium).mp.
34	or/8-33
35	and/4,7,34
36	4 and PAIN MANAGEMENT/
37	or/35-36

1

### E.18.82 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp PAIN/
6	(pain* or discomfort* or distress*).ti,ab.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap* or CBT).ti,ab.
10	((psychol* or behav* or cognit*) N3 therap*).ti,ab.
11	exp PHYSICAL THERAPY/
12	exp OCCUPATIONAL THERAPY/
13	(physiotherap* or occupational therap* or massag*).ti,ab.
14	((heat* or hot* or hypertherm*) N2 (therap* or pad?)).ti,ab.
15	exp BODY POSITIONS/
16	ASSISTIVE TECHNOLOGY DEVICES/
17	WHEELCHAIRS/
18	AMBULATION AIDS/
19	exp ORTHOPEDIC EQUIPMENT AND SUPPLIES/
20	DISABILITY EVALUATION/
21	(postur* N2 manag*).ti,ab.
22	((assess* or reassess* or review* or evaluat* or reevaluat*) N3 (equipment or seat* or wheelchair? or wheel chair? or splint* or orthos* or brace*)).ti,ab.
23	HYDROTHERAPY/
24	BALNEOLOGY/
25	"BATHING AND BATHS"/
26	(hydrotherap* or bath* or balneotherap* or balneolog*).ti,ab.
27	((water or steam) N1 therap*).ti,ab.
28	exp ANALGESIA/
29	exp ANALGESICS/
30	ACETAMINOPHEN/
31	IBUPROFEN/
32	exp FENTANYL/
33	(analgesi* or acetamino??en or paracetamol or tylenol or ibuprofen or fentanyl).ti,ab.
34	exp ANTICONVULSANTS/
35	CARBAMAZEPINE/
36	GABAPENTIN/
37	PREGABLIN/
38	VALPROIC ACID/
39	(anticonvuls* or anti convuls* or antiepilep* or anti epilep*).ti,ab.
40	(gabapentin or pregabalin or carbamazepi#e or sodium valproate or valproic acid).ti,ab.
41	exp ANTIANXIETY AGENTS, BENZODIAZEPINES/
42	DIAZEPAM/
43	(benzodiazepine? or diazepam or valium).ti,ab.
44	or/8-43
45	and/4,7,44
46	exp PAIN/dt, th [Drug therapy, Therapy]
47	PAIN MANAGEMENT/
48	or/46-47
49	4 and 48
50	45 or 49

3

### E.18.91 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys*s or pares*s)).ti,ab.
3	little* disease.ti,ab.
4	or/1-3
5	exp PAIN/
6	(pain* or discomfort* or distress*).ti,ab.
7	or/5-6
8	exp PSYCHOTHERAPY/
9	(psychotherap* or CBT).ti,ab.
10	((psychol* or behav* or cognit*) adj3 therap*).ti,ab.
11	exp PHYSICAL THERAPY MODALITIES/
12	MASSAGE/
13	HEAT/
14	(physiotherap* or occupational therap* or massag*).ti,ab.
15	((heat* or hot* or hypertherm*) adj2 (therap* or pad*)).ti,ab.
16	exp POSTURE/
17	WHEELCHAIRS/
18	HEALTH CARE EQUIPMENT/
19	exp ORTHOPEDIC EQUIPMENT/
20	DISABILITY EVALUATION/
21	(postur* adj2 manag*).ti,ab.
22	((assess* or reassess* or review* or evaluat* or reevaluat*) adj3 (equipment or seat* or wheelchair* or wheel chair* or splint* or orthos* or brace*)).ti,ab.
23	exp HYDROTHERAPY/
24	(hydrotherap* or bath* or balneotherap* or balneolog*).ti,ab.
25	((water or steam) adj therap*).ti,ab.
26	ANALGESIA/
27	exp ANALGESICS/
28	ACETAMINOPHEN/
29	IBUPROFEN/
30	FENTANYL/
31	(analgesi* or acetamino**en or paracetamol or tylenol or ibuprofen or fentanyl).mp.
32	ANTICONVULSANTS/
33	(anticonvuls* or anti convuls* or antiepilep* or anti epilep*).ti,ab.
34	(gabapentin or pregabalin or carbamazepi*e or sodium valproate or valproic acid).mp.
35	(benzodiazepine* or diazepam or valium).mp.
36	or/8-35
37	and/4,7,36

2

## E.19<sub>3</sub> Management of sleep disturbances

### E.19.14 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	*COGNITION DISORDERS/ or *DISABLED CHILDREN/ or *INTELLECTUAL DISABILITY/ or *BRAIN INJURIES/
10	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
11	or/9-10
12	exp SLEEP/
13	exp SLEEP WAKE DISORDERS/
14	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).ti,ab.
15	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).ti,ab.
16	or/12-15
17	MELATONIN/
18	melatonin.mp.
19	DURABLE MEDICAL EQUIPMENT/
20	"EQUIPMENT AND SUPPLIES"/
21	exp POSTURE/

#	Searches
22	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).ti,ab.
23	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/)
24	(sleep\$ adj3 (hygiene or program\$ or routine?)).ti,ab.
25	exp "HYPNOTICS AND SEDATIVES"/
26	TRIMEPRAZINE/
27	exp CHLORAL HYDRATE/
28	CLONIDINE/
29	sedat\$.ti,ab.
30	(alimemazine or trimeprazine or chloral or clonidine).mp.
31	SLEEP AIDS, PHARMACEUTICAL/
32	or/17-31
33	and/8,16,32
34	exp SLEEP WAKE DISORDERS/dt, pc, rh, th [Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
35	(8 or 11) and 34
36	or/33,35
37	limit 36 to english language
38	LETTER/
39	EDITORIAL/
40	NEWS/
41	exp HISTORICAL ARTICLE/
42	ANECDOTES AS TOPIC/
43	COMMENT/
44	CASE REPORT/
45	(letter or comment*).ti.
46	or/38-45
47	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
48	46 not 47
49	ANIMALS/ not HUMANS/
50	exp ANIMALS, LABORATORY/
51	exp ANIMAL EXPERIMENTATION/
52	exp MODELS, ANIMAL/
53	exp RODENTIA/
54	(rat or rats or mouse or mice).ti.
55	or/48-54
56	37 not 55

1

### E.19.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	(disab\$ or neurodisab\$ or handicap\$).ti.
4	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
5	(neurolog\$ adj impair\$).ti,ab.
6	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
7	or/1-6
8	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).ti,ab.
9	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).ti,ab.
10	or/8-9
11	melatonin.mp.
12	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).ti,ab.
13	(sleep\$ adj3 (hygiene or program\$ or routine?)).ti,ab.
14	sedat\$.ti,ab.
15	(alimemazine or trimeprazine or chloral or clonidine).mp.
16	or/11-15
17	and/7,10,16

3

### E.19.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.

#	Searches
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,kw.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	*COGNITION DISORDERS/ or *DISABLED CHILDREN/ or *INTELLECTUAL DISABILITY/ or *BRAIN INJURIES/
10	(COGNITIVE DEFECT or HANDICAPPED CHILD or INTELLECTUAL IMPAIRMENT or BRAIN INJURY).kw.
11	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
12	or/9-11
13	exp SLEEP/ or SLEEP.kw.
14	exp SLEEP WAKE DISORDERS/
15	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).ti,ab,kw.
16	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).ti,ab.
17	or/13-16
18	MELATONIN/
19	melatonin.mp.
20	DURABLE MEDICAL EQUIPMENT/ or MEDICAL DEVICE.kw.
21	"EQUIPMENT AND SUPPLIES"/ or POSTURAL EQUIPMENT.kw.
22	exp POSTURE/ or (PATIENT POSITIONING or BODY POSTURE).kw.
23	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).ti,ab.
24	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/)
25	(SLEEP and (HYGIENE or HEALTH BEHAVIOR or HEALTH EDUCATION or ATTITUDE TO HEALTH)).kw.
26	(sleep\$ adj3 (hygiene or program\$ or routine?)).ti,ab.
27	exp "HYPNOTICS AND SEDATIVES"/
28	TRIMEPRAZINE/
29	exp CHLORAL HYDRATE/
30	CLONIDINE/
31	sedat\$.ti,ab,kw.
32	(alimemazine or trimeprazine or chloral or clonidine).mp.
33	SLEEP AIDS, PHARMACEUTICAL/
34	or/18-33
35	and/8,17,34
36	exp SLEEP DISORDERS/dt, pc, rh, th [Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
37	(SLEEP DISORDER dm or SLEEP DISORDER dt or SLEEP DISORDER pc or SLEEP DISORDER rh or SLEEP DISORDER th).kw. [Disease Management, Drug Therapy, Prevention, Rehabilitation, Therapy]
38	(8 or 12) and (36 or 37)
39	or/35,38

1

### E.19.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	DEVELOPMENTAL DISABILITIES.kw.
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw,tx.
7	(neurolog\$ adj impair\$).tw,tx.
8	or/1-7
9	(COGNITION DISORDERS or DISABLED CHILDREN or INTELLECTUAL DISABILITY or BRAIN INJURIES).kw.
10	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
11	or/9-10
12	SLEEP.kw.
13	(SLEEP DISORDERS or SLEEP WAKE DISORDERS).kw.
14	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).tw,tx.
15	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).tw,tx.
16	or/12-15
17	MELATONIN.kw.
18	melatonin.mp.
19	DURABLE MEDICAL EQUIPMENT.kw.
20	"EQUIPMENT AND SUPPLIES".kw.
21	POSTURE.kw.
22	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).tw,tx.
23	(SLEEP and (HYGIENE or HEALTH BEHAVIOR or HEALTH EDUCATION or HEALTH KNOWLEDGE, ATTITUDES, PRACTICE)).kw.
24	(sleep\$ adj3 (hygiene or program\$ or routine?)).tw,tx.
25	"HYPNOTICS AND SEDATIVES".kw.
26	TRIMEPRAZINE.kw.



#	Searches
27	CHLORAL HYDRATE.kw.
28	CLONIDINE.kw.
29	sedat\$.tw,tx.
30	(alimemazine or trimeprazine or chloral or clonidine).mp.
31	SLEEP AIDS, PHARMACEUTICAL.kw.
32	or/17-31
33	(8 or 11) and 16 and 32

1

### E.19.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$).tw.
8	or/1-7
9	*COGNITION DISORDERS/ or *DISABLED CHILDREN/ or *INTELLECTUAL DISABILITY/ or *BRAIN INJURIES/
10	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
11	or/9-10
12	exp SLEEP/
13	exp SLEEP WAKE DISORDERS/
14	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).tw.
15	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).tw.
16	or/12-15
17	MELATONIN/
18	melatonin.mp.
19	DURABLE MEDICAL EQUIPMENT/
20	"EQUIPMENT AND SUPPLIES"/
21	exp POSTURE/
22	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).tw.
23	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or HEALTH KNOWLEDGE, ATTITUDES, PRACTICE/)
24	(sleep\$ adj3 (hygiene or program\$ or routine?)).tw.
25	exp "HYPNOTICS AND SEDATIVES"/
26	TRIMEPRAZINE/
27	exp CHLORAL HYDRATE/
28	CLONIDINE/
29	sedat\$.tw.
30	(alimemazine or trimeprazine or chloral or clonidine).mp.
31	SLEEP AIDS, PHARMACEUTICAL/
32	or/17-30
33	and/8,16,32
34	exp SLEEP DISORDERS/dt, pc, rh, th [Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
35	(8 or 11) and 34
36	or/33,35

3

### E.19.64 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISORDER/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	*COGNITIVE DEFECT/ or *HANDICAPPED CHILD/ or *INTELLECTUAL IMPAIRMENT/ or *BRAIN INJURY/
10	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
11	or/9-10
12	exp *SLEEP/
13	exp SLEEP DISORDER/
14	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).ti,ab.

#	Searches
15	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).ti,ab.
16	or/12-15
17	MELATONIN/
18	melatonin.mp.
19	MEDICAL DEVICE/
20	POSTURAL EQUIPMENT/
21	PATIENT POSITIONING/
22	BODY POSTURE/
23	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).ti,ab.
24	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or ATTITUDE TO HEALTH/)
25	(sleep\$ adj3 (hygiene or program\$ or routine?)).ti,ab.
26	exp *SEDATIVE AGENT/
27	ALIMEMAZINE/
28	CHLORAL HYDRATE/
29	CLONIDINE/
30	sedat\$.ti,ab.
31	(alimemazine or trimeprazine or chloral or clonidine).mp.
32	or/17-31
33	and/8,16,32
34	exp SLEEP DISORDER/dm, dt, pc, rh, th [Disease Management, Drug Therapy, Prevention, Rehabilitation, Therapy]
35	(8 or 11) and 34
36	or/33,35
37	limit 36 to english language
38	letter.pt. or LETTER/
39	note.pt.
40	editorial.pt.
41	CASE REPORT/ or CASE STUDY/
42	(letter or comment*).ti.
43	or/38-42
44	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
45	43 not 44
46	ANIMAL/ not HUMAN/
47	NONHUMAN/
48	exp ANIMAL EXPERIMENT/
49	exp EXPERIMENTAL ANIMAL/
50	ANIMAL MODEL/
51	exp RODENT/
52	(rat or rats or mouse or mice).ti.
53	or/45-52
54	37 not 53

1

### E.19.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	*COGNITIVE IMPAIRMENT/
6	*INTELLECTUAL DEVELOPMENT DISORDER/
7	(disab\$ or neurodisab\$ or handicap\$).ti.
8	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
9	((cognit\$ or intellect\$ or neurological) adj (delay\$ or disorder? or disab\$ or impair\$)).ti.
10	or/1-9
11	exp SLEEP/
12	exp SLEEP DISORDERS/
13	(sleep\$ adj (disturb\$ or disorder\$ or problem\$)).ti,ab.
14	(dyssomni\$ or parasomni\$ or insomni\$ or apn?ea?).ti,ab.
15	or/11-14
16	MELATONIN/
17	melatonin.mp.
18	MEDICAL THERAPEUTIC DEVICES/
19	POSTURE/
20	(sleep\$ adj3 (system? or position\$ or postur\$ or support\$ or wedge?)).ti,ab.
21	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or HEALTH KNOWLEDGE/ or HEALTH ATTITUDES/)
22	(sleep\$ adj3 (hygiene or program\$ or routine?)).ti,ab.
23	exp SEDATIVES/

#	Searches
24	CHLORAL HYDRATE/
25	CLONIDINE/
26	sedat\$.ti,ab.
27	(alimemazine or trimeprazine or chloral or clonidine).mp.
28	or/16-27
29	and/10,15,28

1

### E.19.82 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paralys?s or pares?s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab* or neurodisab* or handicap*).ti.
6	(development* N3 (delay* or disorder? or disab*)).ti,ab.
7	(neurolog* N1 impair*).ti,ab.
8	or/1-7
9	COGNITION DISORDERS/ or CHILD, DISABLED/ or INTELLECTUAL DISABILITY/ or BRAIN INJURIES/
10	((cognit* or intellect* or neurological) N1 (delay* or disorder? or disab* or impair*)).ti.
11	or/9-10
12	exp SLEEP/
13	exp SLEEP DISORDERS/
14	(sleep* N1 (disturb* or disorder* or problem*)).ti,ab.
15	(dyssomni* or parasomni* or insomni* or apn?ea?).ti,ab.
16	or/12-15
17	MELATONIN/
18	melatonin.ti,ab.
19	"BEDS AND MATTRESSES"/
20	"EQUIPMENT AND SUPPLIES"/
21	exp BODY POSITIONS/
22	(sleep* N3 (system? or position* or postur* or support* or wedge?)).ti,ab.
23	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or ATTITUDE TO HEALTH/)
24	(sleep* N3 (hygiene or program* or routine?)).ti,ab.
25	exp "HYPNOTICS AND SEDATIVES"/
26	exp CHLORAL HYDRATE/
27	CLONIDINE/
28	sedat*.ti,ab.
29	(alimemazine or trimeprazine or chloral or clonidine).mp.
30	or/17-29
31	and/8,16,30
32	exp SLEEP DISORDERS/dt, pc, rh, th [Drug Therapy, Prevention & Control, Rehabilitation, Therapy]
33	(8 or 11) and 32
34	or/31,33

3

### E.19.94 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys* or pares*)).ti,ab.
3	little* disease.ti,ab.
4	DISABILITY/
5	COGNITION DISORDERS/
6	DISABLED CHILDREN/
7	MENTAL RETARDATION/
8	(disab* or neurodisab* or handicap*).ti.
9	(development* adj3 (delay* or disorder* or disab*)).ti,ab.
10	((cognit* or intellect* or neurological) adj1 (delay* or disorder* or disab* or impair*)).ti.
11	or/1-10
12	exp SLEEP/
13	exp SLEEP DISORDERS/
14	(sleep* adj (disturb* or disorder* or problem*)).ti,ab.
15	(dyssomni* or parasomni* or insomni* or apn*).ti,ab.
16	or/12-15
17	melatonin.mp.
18	HEALTH CARE EQUIPMENT/

#	Searches
19	exp POSTURE/
20	(sleep* adj3 (system* or position* or postur* or support* or wedge*)).ti,ab.
21	SLEEP/ and (HYGIENE/ or HEALTH BEHAVIOR/ or HEALTH EDUCATION/ or ATTITUDE TO HEALTH/)
22	(sleep* adj3 (hygiene or program* or routine*)).ti,ab.
23	exp "HYPNOTICS AND SEDATIVES"/
24	CLONIDINE/
25	sedat*.ti,ab.
26	(alimemazine or trimeprazine or chloral or clonidine).mp.
27	or/17-26
28	and/11,16,27

1

## E.20.2 Assessment of mental health problems

### E.20.13 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	MENTAL HEALTH/
6	exp MENTAL DISORDERS/ not (exp NEUROCOGNITIVE DISORDERS/ or exp NEURODEVELOPMENTAL DISORDERS/)
7	ADAPTATION, PSYCHOLOGICAL/
8	(mental\$ adj2 health?).ab,ti.
9	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
10	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
11	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
12	DEPRESSION/
13	depress\$.ab,ti.
14	or/5-13
15	MASS SCREENING/
16	screen\$.ab,ti.
17	exp QUESTIONNAIRES/
18	(questionnaire? or self report\$).ab,ti.
19	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).ab,ti.
20	or/15-19
21	4 and 14 and 20
22	MENTAL DISORDERS/di [Diagnosis]
23	MENTAL DISORDERS/ep [Epidemiology]
24	(mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).ab,ti.
25	or/22-24
26	4 and 25
27	21 or 26
28	limit 27 to english language
29	LETTER/
30	EDITORIAL/
31	NEWS/
32	exp HISTORICAL ARTICLE/
33	ANECDOTES AS TOPIC/
34	COMMENT/
35	CASE REPORT/
36	(letter or comment*).ti.
37	or/29-36
38	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
39	37 not 38
40	ANIMALS/ not HUMANS/
41	exp ANIMALS, LABORATORY/
42	exp ANIMAL EXPERIMENTATION/
43	exp MODELS, ANIMAL/
44	exp RODENTIA/

#	Searches
45	(rat or rats or mouse or mice).ti.
46	or/39-45
47	28 not 46

1

### E.20.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(mental\$ adj2 health?).ab,ti.
5	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
6	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
7	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
8	depress\$.ab,ti.
9	or/4-8
10	screen\$.ab,ti.
11	(questionnaire? or self report\$).ab,ti.
12	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).ab,ti.
13	or/10-12
14	and/3,9,13
15	3 and (mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).ab,ti.
16	or/14-15

3

### E.20.34 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	MENTAL HEALTH.sh,kw.
6	exp MENTAL DISORDERS/ not (exp NEUROCOGNITIVE DISORDERS/ or exp NEURODEVELOPMENTAL DISORDERS/)
7	(MENTAL DISEASE not (DELIRIUM or DEMENTIA or AUTISM)).kw.
8	ADAPTATION, PSYCHOLOGICAL/ or ADAPTIVE BEHAVIOR.kw.
9	(mental\$ adj2 health?).ab,ti.
10	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
11	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
12	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
13	DEPRESSION.sh,kw.
14	depress\$.ab,ti.
15	or/5-14
16	MASS SCREENING/
17	screen\$.ab,ti,kw.
18	exp QUESTIONNAIRES/
19	(questionnaire? or self report\$).ab,ti,kw.
20	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).ab,ti.
21	or/16-20
22	4 and 15 and 21
23	MENTAL DISORDERS/di [Diagnosis]
24	MENTAL DISORDERS/ep [Epidemiology]
25	(mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).ab,ti.
26	or/23-25
27	4 and 26

#	Searches
28	22 or 27

1

### E.20.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 3 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	MENTAL HEALTH.kw.
6	(MENTAL DISORDERS not (NEUROCOGNITIVE DISORDERS or NEURODEVELOPMENTAL DISORDERS)).kw.
7	ADAPTATION, PSYCHOLOGICAL.kw.
8	(mental\$ adj2 health?).tw,tx.
9	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).tw,tx.
10	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).tw,tx.
11	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).tw,tx.
12	DEPRESSION.kw.
13	depress\$.tw,tx.
14	or/5-13
15	MASS SCREENING.kw.
16	screen\$.tw,tx.
17	QUESTIONNAIRES.kw.
18	(questionnaire? or self report\$).tw,tx.
19	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).tw,tx.
20	or/15-19
21	4 and 14 and 20
22	MENTAL DISORDERS di.kw. [Diagnosis]
23	MENTAL DISORDERS ep.kw. [Epidemiology]
24	(mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).tw,tx.
25	or/22-24
26	4 and 25
27	21 or 26

4

### E.20.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	MENTAL HEALTH/
6	exp MENTAL DISORDERS/ not (exp NEUROCOGNITIVE DISORDERS/ or exp NEURODEVELOPMENTAL DISORDERS/)
7	ADAPTATION, PSYCHOLOGICAL/
8	(mental\$ adj2 health?).tw.
9	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).tw.
10	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).tw.
11	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).tw.
12	DEPRESSION/
13	depress\$.tw.
14	or/5-13
15	MASS SCREENING/
16	screen\$.tw.
17	exp QUESTIONNAIRES/
18	(questionnaire? or self report\$).tw.
19	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or

#	Searches
	CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).tw.
20	or/15-19
21	4 and 14 and 20
22	MENTAL DISORDERS/di [Diagnosis]
23	MENTAL DISORDERS/ep [Epidemiology]
24	(mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).tw.
25	or/22-24
26	4 and 25
27	21 or 26

1

### E.20.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp *MENTAL HEALTH/
6	exp *MENTAL DISEASE/ not (exp DELIRIUM/ or exp DEMENTIA/ or exp AUTISM/)
7	*ADAPTIVE BEHAVIOR/
8	(mental\$ adj2 health?).ab,ti.
9	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
10	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
11	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
12	exp *DEPRESSION/
13	depress\$.ab,ti.
14	or/5-13
15	SCREENING/
16	exp MASS SCREENING/
17	SCREENING TEST/
18	screen\$.ab,ti.
19	exp QUESTIONNAIRE/
20	(questionnaire? or self report\$).ab,ti.
21	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).ab,ti.
22	or/15-21
23	and/4,14,22
24	MENTAL DISEASE/di [Diagnosis]
25	MENTAL DISEASE/ep [Epidemiology]
26	(mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).ab,ti.
27	or/24-26
28	and/4,27
29	or/23,28
30	limit 29 to english language
31	letter.pt. or LETTER/
32	note.pt.
33	editorial.pt.
34	CASE REPORT/ or CASE STUDY/
35	(letter or comment*).ti.
36	or/31-35
37	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
38	36 not 37
39	ANIMAL/ not HUMAN/
40	NONHUMAN/
41	exp ANIMAL EXPERIMENT/
42	exp EXPERIMENTAL ANIMAL/
43	ANIMAL MODEL/
44	exp RODENT/
45	(rat or rats or mouse or mice).ti.
46	or/38-45
47	30 not 46

1

## E.20.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,id.
3	little? disease.ti,ab,id.
4	or/1-3
5	MENTAL HEALTH/ or WELL BEING/
6	exp MENTAL DISORDERS/ not (exp DEMENTIA/ or AUTISM/)
7	EMOTIONAL ADJUSTMENT/
8	(mental\$ adj2 health?).ab,ti,id.
9	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti,id.
10	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti,id.
11	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti,id.
12	"DEPRESSION (EMOTION)"/
13	depress\$.ab,ti,id.
14	or/5-13
15	SCREENING/
16	exp SCREENING TESTS/
17	PSYCHIATRIC EVALUATION/
18	screen\$.ab,ti,id,tm.
19	exp QUESTIONNAIRES/
20	(questionnaire? or self report\$).ab,ti,id,tm.
21	((Mood and Feelings Questionnaire?) or MFQ? or (Hospital anxiety and depression scale?) or HADs or Beck youth inventor\$ or child health questionnaire 50 or CHQ 50 or Cerebral Palsy Quality of Life Questionnaire for Children or CP QOL Child or Cerebral Palsy Quality of Life Questionnaire for Adolescents or CP QOL Teen or (Strengths and difficulties questionnaire?) or SDQ? or Child behaviour checklist? or CBCL? or general health questionnaire? or GHQ?).ab,ti,id,tm.
22	or/15-21
23	and/4,14,22
24	4 and (mental\$ health adj5 (Identif\$ or assess\$ or diagnos\$)).ab,ti,id.
25	or/23-24

## E.21.3 Management of mental health problems

### E.21.14 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	SELF-HELP GROUPS/
6	SELF EFFICACY/
7	(self help or selfhelp or self effica\$ or selfeffica\$).ti,ab.
8	exp BEHAVIOR THERAPY/
9	*ADAPTATION, PSYCHOLOGICAL/
10	(mindfulness or relax\$ or meditat\$ or cope? or coping).ti,ab.
11	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).ti,ab.
12	CBT.ti,ab.
13	PSYCHOTHERAPY, GROUP/
14	(psychoeducation\$ or psycho education\$).ti,ab.
15	PSYCHOTHERAPY/
16	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).ti,ab.
17	FAMILY THERAPY/
18	(famil\$ adj3 (therap\$ or psychotherap\$)).ti,ab.
19	exp ANTIDEPRESSIVE AGENTS/
20	exp "SEROTONIN AND NORADRENALINE REUPTAKE INHIBITORS"/
21	(antidepress\$ or anti depress\$ or SSRI?).ti,ab.
22	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).ti,ab.
23	(am#tr#pt#l#?ne or diazepam or fluoxetine or citalopram or sertraline).mp.
24	exp ANTI-ANXIETY AGENTS/
25	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).ti,ab.
26	buspirone.mp.
27	PEER GROUP/
28	SOCIAL SUPPORT/



#	Searches
29	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).ti,ab.
30	exp COUNSELING/
31	counsel\$.ti,ab.
32	or/5-31
33	and/4,32
34	exp EXERCISE/
35	exp EXERCISE THERAPY/
36	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).ti,ab.
37	or/34-36
38	MENTAL HEALTH/
39	exp MENTAL DISORDERS/
40	DEPRESSION/
41	(mental\$ adj2 health?).ab,ti.
42	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
43	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
44	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
45	depress\$.ab,ti.
46	px.fs. [Psychology]
47	or/38-46
48	and/4,37,47
49	or/33,48
50	limit 49 to english language
51	LETTER/
52	EDITORIAL/
53	NEWS/
54	exp HISTORICAL ARTICLE/
55	ANECDOTES AS TOPIC/
56	COMMENT/
57	CASE REPORT/
58	(letter or comment*).ti.
59	or/51-58
60	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
61	59 not 60
62	ANIMALS/ not HUMANS/
63	exp ANIMALS, LABORATORY/
64	exp ANIMAL EXPERIMENTATION/
65	exp MODELS, ANIMAL/
66	exp RODENTIA/
67	(rat or rats or mouse or mice).ti.
68	or/61-67
69	50 not 68

1

## E.21.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(self help or selfhelp or self effica\$ or selfeffica\$).ti,ab.
5	(mindfulness or relax\$ or meditat\$ or cope? or coping).ti,ab.
6	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).ti,ab.
7	CBT.ti,ab.
8	(psychoeducation\$ or psycho education\$).ti,ab.
9	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).ti,ab.
10	(famil\$ adj3 (therap\$ or psychotherap\$)).ti,ab.
11	(antidepress\$ or anti depress\$ or SSRI?).ti,ab.
12	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).ti,ab.
13	(am#tr#pt#l#?ne or diazepam or fluoxetine or citalopram or sertraline).mp.
14	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).ti,ab.
15	buspirone.mp.
16	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).ti,ab.
17	counsel\$.ti,ab.
18	or/4-17
19	and/3,18
20	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).ti,ab.
21	(mental\$ adj2 health?).ab,ti.

#	Searches
22	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
23	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
24	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
25	depress\$.ab,ti.
26	or/21-25
27	and/3,20,26
28	or/19,27

1

### E.21.32 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	SELF-HELP GROUPS/
6	SELF EFFICACY/ or SELF CONCEPT.kw.
7	(self help or selfhelp or self effica\$ or selfeffica\$).ti,ab,kw.
8	exp BEHAVIOR THERAPY/
9	*ADAPTATION, PSYCHOLOGICAL/ or ADAPTIVE BEHAVIOR.kw.
10	(mindfulness or relax\$ or meditat\$ or cope? or coping).ti,ab,kw.
11	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).ti,ab,kw.
12	CBT.ti,ab.
13	PSYCHOTHERAPY, GROUP/ or GROUP THERAPY.kw.
14	(psychoeducation\$ or psycho education\$).ti,ab,kw.
15	PSYCHOTHERAPY/ or (PSYCHOLOGY or CHILD PSYCHOLOGY or PSYCHOSOCIAL CARE).kw.
16	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).ti,ab,kw.
17	FAMILY THERAPY/
18	(famil\$ adj3 (therap\$ or psychotherap\$)).ti,ab,kw.
19	exp ANTIDEPRESSIVE AGENTS/
20	exp Serotonin Uptake Inhibitors/ or SEROTONIN UPTAKE INHIBITOR.kw.
21	(antidepress\$ or anti depress\$ or SSRI?).ti,ab,kw.
22	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).ti,ab.
23	(am#tr#pt#l??ne or diazepam or fluoxetine or citalopram or sertraline).mp.
24	exp ANTI-ANXIETY AGENTS/
25	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).ti,ab,kw.
26	buspirone.mp.
27	PEER GROUP/
28	SOCIAL SUPPORT/
29	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).ti,ab,kw.
30	exp COUNSELING/
31	counsel\$.ti,ab,kw.
32	or/5-31
33	and/4,32
34	exp EXERCISE/
35	exp EXERCISE THERAPY/
36	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).ti,ab,kw.
37	or/34-36
38	MENTAL HEALTH/
39	exp MENTAL DISORDERS/ or MENTAL DISEASE.kw.
40	DEPRESSION/
41	(mental\$ adj2 health?).ab,ti,kw.
42	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
43	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
44	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
45	depress\$.ab,ti,kw.
46	px.fs. [Psychology]
47	or/38-46
48	and/4,37,47
49	or/33,48

3

## E.21.41 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 2 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	or/1-3
5	SELF-HELP GROUPS.kw.
6	SELF EFFICACY.kw.
7	(self help or selfhelp or self effica\$ or selfeffica\$).tw,tx.
8	BEHAVIOR THERAPY.kw.
9	ADAPTATION, PSYCHOLOGICAL.kw.
10	(mindfulness or relax\$ or meditat\$ or cope? or coping).tw,tx.
11	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).tw,tx.
12	CBT.tw,tx.
13	PSYCHOTHERAPY, GROUP.kw.
14	(psychoeducation\$ or psycho education\$).tw,tx.
15	PSYCHOTHERAPY.kw.
16	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).tw,tx.
17	FAMILY THERAPY.kw.
18	(famil\$ adj3 (therap\$ or psychotherap\$)).tw,tx.
19	ANTIDEPRESSIVE AGENTS.kw.
20	"SEROTONIN REUPTAKE INHIBITORS".kw.
21	(antidepress\$ or anti depress\$ or SSRI?).tw,tx.
22	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).tw,tx.
23	(am#tr#pt#l#?ne or diazepam or fluoxetine or citalopram or sertraline).mp.
24	ANTI-ANXIETY AGENTS.kw.
25	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).tw,tx.
26	buspirone.mp.
27	PEER GROUP.kw.
28	SOCIAL SUPPORT.kw.
29	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).tw,tx.
30	COUNSELING.kw.
31	counsel\$.tw,tx.
32	or/5-31
33	and/4,32
34	EXERCISE.kw.
35	EXERCISE THERAPY.kw.
36	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).tw,tx.
37	or/34-36
38	MENTAL HEALTH.kw.
39	MENTAL DISORDERS.kw.
40	DEPRESSION.kw.
41	(mental\$ adj2 health?).ab,ti.
42	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
43	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
44	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
45	depress\$.ab,ti.
46	px.kw. [Psychology]
47	or/38-46
48	and/4,37,47
49	or/33,48

3

## E.21.54 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	SELF-HELP GROUPS/
6	SELF EFFICACY/
7	(self help or selfhelp or self effica\$ or selfeffica\$).tw.
8	exp BEHAVIOR THERAPY/
9	*ADAPTATION, PSYCHOLOGICAL/
10	(mindfulness or relax\$ or meditat\$ or cope? or coping).tw.

#	Searches
11	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).tw.
12	CBT.tw.
13	PSYCHOTHERAPY, GROUP/
14	(psychoeducation\$ or psycho education\$).tw.
15	PSYCHOTHERAPY/
16	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).tw.
17	FAMILY THERAPY/
18	(famil\$ adj3 (therap\$ or psychotherap\$)).tw.
19	exp ANTIDEPRESSIVE AGENTS/
20	exp "Serotonin Uptake Inhibitors"/
21	(antidepress\$ or anti depress\$ or SSRI?).tw.
22	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).tw.
23	(am#tr#pt#l??ne or diazepam or fluoxetine or citalopram or sertraline).mp.
24	exp ANTI-ANXIETY AGENTS/
25	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).tw.
26	buspirone.mp.
27	PEER GROUP/
28	SOCIAL SUPPORT/
29	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).tw.
30	exp COUNSELING/
31	counsel\$.tw.
32	or/5-31
33	and/4,32
34	exp EXERCISE/
35	exp EXERCISE THERAPY/
36	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).tw.
37	or/34-36
38	MENTAL HEALTH/
39	exp MENTAL DISORDERS/
40	DEPRESSION/
41	(mental\$ adj2 health?).tw.
42	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).tw.
43	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).tw.
44	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).tw.
45	depress\$.tw.
46	px.fs. [Psychology]
47	or/38-46
48	and/4,37,47
49	or/33,48

1

### E.21.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	SELF HELP/
6	SELF CONCEPT/
7	(self help or selfhelp or self effica\$ or selfeffica\$).ti,ab.
8	BEHAVIOR THERAPY/
9	MINDFULNESS/
10	MEDITATION/
11	RELAXATION TRAINING/
12	exp COGNITIVE THERAPY/
13	exp COPING BEHAVIOR/
14	*ADAPTIVE BEHAVIOR/
15	(mindfulness or relax\$ or meditat\$ or cope? or coping).ti,ab.
16	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).ti,ab.
17	CBT.ti,ab.
18	PSYCHOEDUCATION/
19	GROUP THERAPY/
20	(psychoeducation\$ or psycho education\$).ti,ab.
21	PSYCHOTHERAPY/
22	*PSYCHOLOGY/
23	*CHILD PSYCHOLOGY/

#	Searches
24	PSYCHOSOCIAL CARE/
25	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).ti,ab.
26	FAMILY THERAPY/
27	(famil\$ adj3 (therap\$ or psychotherap\$)).ti,ab.
28	exp ANTIDEPRESSANT AGENT/
29	exp SEROTONIN UPTAKE INHIBITOR/
30	(antidepress\$ or anti depress\$ or SSRI?).ti,ab.
31	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).ti,ab.
32	(am#tr#pt#!??ne or diazepam or fluoxetine or citalopram or sertraline).mp.
33	exp ANXIOLYTIC AGENT/
34	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquili\$).ti,ab.
35	buspirone.mp.
36	PEER GROUP/
37	SOCIAL SUPPORT/
38	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).ti,ab.
39	exp COUNSELING/
40	counsel\$.ti,ab.
41	exp EXERCISE/
42	exp KINESIOTHERAPY/
43	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).ti,ab.
44	or/5-43
45	MENTAL HEALTH/
46	exp MENTAL DISEASE/
47	(mental\$ adj2 health?).ab,ti.
48	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
49	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
50	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
51	depress\$.ab,ti.
52	or/45-51
53	and/4,44,52
54	limit 53 to english language
55	letter.pt. or LETTER/
56	note.pt.
57	editorial.pt.
58	CASE REPORT/ or CASE STUDY/
59	(letter or comment*).ti.
60	or/55-59
61	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
62	60 not 61
63	ANIMAL/ not HUMAN/
64	NONHUMAN/
65	exp ANIMAL EXPERIMENT/
66	exp EXPERIMENTAL ANIMAL/
67	ANIMAL MODEL/
68	exp RODENT/
69	(rat or rats or mouse or mice).ti.
70	or/62-69
71	54 not 70

1

### E.21.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	exp SELF HELP TECHNIQUES/
6	SELF EFFICACY/
7	(self help or selfhelp or self effica\$ or selfeffica\$).ti,ab.
8	exp BEHAVIOR THERAPY/
9	exp COGNITIVE BEHAVIOR THERAPY/
10	MINDFULNESS/
11	MEDITATION/
12	exp RELAXATION THERAPY/
13	COPING BEHAVIOR/
14	*ADAPTIVE BEHAVIOR/

#	Searches
15	(mindfulness or relax\$ or meditat\$ or cope? or coping).ti,ab.
16	((behavi\$ or cognit\$) adj3 (technique? or therap\$ or psychotherap\$)).ti,ab.
17	CBT.ti,ab.
18	PSYCHOEDUCATION/
19	exp GROUP PSYCHOTHERAPY/
20	(psychoeducation\$ or psycho education\$).ti,ab.
21	PSYCHOTHERAPY/
22	PSYCHOSOCIAL CARE/
23	(psychotherap\$ or psycho therap\$ or logotherap\$ or logo therap\$).ti,ab.
24	exp FAMILY THERAPY/
25	(famil\$ adj3 (therap\$ or psychotherap\$)).ti,ab.
26	exp ANTIDEPRESSANT DRUGS/
27	exp SEROTONIN REUPTAKE INHIBITORS/
28	exp SEROTONIN NOREPINEPHRINE REUPTAKE INHIBITORS/
29	(antidepress\$ or anti depress\$ or SSRI?).ti,ab.
30	(serotonin adj3 (reuptake inhibit\$ or re uptake inhibit\$)).ti,ab.
31	(am#tr#pt#l#?ne or diazepam or fluoxetine or citalopram or sertraline).mp.
32	exp TRANQUILIZING DRUGS/
33	(antianxi\$ or anti anxi\$ or anxiolytic? or tranquil\$).ti,ab.
34	buspirone.mp.
35	PEERS/
36	SOCIAL SUPPORT/
37	SUPPORT GROUPS/
38	((peer or social or psychosocial) adj3 (support\$ or group\$ or network\$)).ti,ab.
39	exp COUNSELING/
40	counsel\$.ti,ab.
41	or/5-40
42	and/4,41
43	exp EXERCISE/
44	exp MOVEMENT THERAPY/
45	(exercis\$ or physical activit\$ or kinesi?therap\$ or kinesi? therap\$).ti,ab.
46	or/43-45
47	MENTAL HEALTH/
48	WELL BEING/
49	exp MENTAL DISORDERS/
50	(mental\$ adj2 health?).ab,ti.
51	((Mental or Adjust\$ or Anxiety or Obsessive or Compulsive or Panic or Phobi? or Stress or Dissociative or Eating or Binge or Factitious or Impuls\$ or Mood or Affective or Neurotic or Personality or Paranoid or Psychotic or Sexual or Gender or Sleep\$ or Somatoform or Body Dysmorphic or Conversion) adj3 Disorder?).ab,ti.
52	((Substance? or drug? or Alcohol or Tobacco) adj3 (Disorder? or misus\$ or abus\$)).ab,ti.
53	(Agoraphobi\$ or Anorexi\$ or Bulimi\$ or Schizophreni\$ or Dyssomni\$ or Parasomni\$ or Neurastheni\$).ab,ti.
54	depress\$.ab,ti.
55	or/47-54
56	and/4,46,55
57	or/42,56
58	limit 57 to english language
59	limit 58 to human

## E.22.1 Management of sensory and perceptual difficulties

### E.22.12 Database: Medline

#	Searches
1	META-ANALYSIS/
2	META-ANALYSIS AS TOPIC/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psychlit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	cochrane.jw.
10	or/1-9
11	randomized controlled trial.pt.
12	controlled clinical trial.pt.
13	pragmatic clinical trial.pt.
14	randomi#ed.ab.
15	placebo.ab.

#	Searches
16	randomly.ab.
17	CLINICAL TRIALS AS TOPIC/
18	trial.ti.
19	or/11-18
20	or/10,19
21	CEREBRAL PALSY/
22	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
23	little? disease.ti,ab.
24	or/21-23
25	(Sensory Integration Therapy or Ayres Sensory Integration).ti,ab.
26	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
27	SPM.ti,ab.
28	(sens\$ diet or sens\$ life?style or sens\$ life style).ti,ab.
29	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or proprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj7 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
30	(AUDITORY PERCEPTION/ or OLFACTORY PERCEPTION/ or TASTE PERCEPTION/ or TOUCH PERCEPTION/ or VISUAL PERCEPTION/) and exp THERAPEUTICS/
31	(SENSATION/ or POSTURAL BALANCE/) and exp THERAPEUTICS/
32	or/25-31
33	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).ti,ab.
34	GDT.ti,ab.
35	(task adj2 (train\$ or therap\$)).ti,ab.
36	functional therap\$.ti,ab.
37	(activit\$ adj2 therap\$).ti,ab.
38	or/33-37
39	OCCUPATIONAL THERAPY/
40	occupational therap\$.ti,ab.
41	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).ti,ab.
42	CO-OP.ti,ab.
43	activit\$ analys?s.ti,ab.
44	or/39-43
45	THERAPY, COMPUTER-ASSISTED/
46	((comput\$ or video) adj2 therap\$).ti,ab.
47	(virtual realit\$ adj3 therap\$).ti,ab.
48	VIRTUAL REALITY EXPOSURE THERAPY/
49	or/45-48
50	BEHAVIOR THERAPY/
51	((behavio?r\$ adj3 (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).ti,ab.
52	or/50-51
53	32 or 38 or 44 or 49 or 52
54	24 and 53
55	limit 54 to english language
56	LETTER/
57	EDITORIAL/
58	NEWS/
59	exp HISTORICAL ARTICLE/
60	ANECDOTES AS TOPIC/
61	COMMENT/
62	CASE REPORT/
63	(letter or comment*).ti.
64	or/56-63
65	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
66	64 not 65
67	ANIMALS/ not HUMANS/
68	exp ANIMALS, LABORATORY/
69	exp ANIMAL EXPERIMENTATION/
70	exp MODELS, ANIMAL/
71	exp RODENTIA/
72	(rat or rats or mouse or mice).ti.
73	or/66-72
74	55 not 73
75	20 and 74

### E.22.21 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(Sensory Integration Therapy or Ayres Sensory Integration).ti,ab.
5	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
6	SPM.ti,ab.
7	(sens\$ diet or sens\$ life?style or sens\$ life style).ti,ab.
8	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or proprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj5 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
9	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).ti,ab.
10	GDT.ti,ab.
11	(task adj2 (train\$ or therap\$)).ti,ab.
12	functional therap\$.ti,ab.
13	(activit\$ adj2 therap\$).ti,ab.
14	or/9-13
15	occupational therap\$.ti,ab.
16	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).ti,ab.
17	CO-OP.ti,ab.
18	activit\$ analys?s.ti,ab.
19	((comput\$ or video) adj2 therap\$).ti,ab.
20	(virtual realit\$ adj3 therap\$).ti,ab.
21	((behavio?r\$ adj3 (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).ti,ab.
22	or/4-21
23	3 and 22

2

### E.22.33 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	(Sensory Integration Therapy or Ayres Sensory Integration).ti,ab,kw.
6	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
7	SPM.ti,ab.
8	(sens\$ diet or sens\$ life?style or sens\$ life style).ti,ab.
9	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or proprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj7 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab,kw.
10	(AUDITORY PERCEPTION/ or OLFACTORY PERCEPTION/ or TASTE PERCEPTION/ or TOUCH PERCEPTION/ or VISUAL PERCEPTION/) and exp THERAPEUTICS/
11	(SENSATION/ or POSTURAL BALANCE/) and exp THERAPEUTICS/
12	or/5-11
13	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).ti,ab.
14	GDT.ti,ab.
15	(task adj2 (train\$ or therap\$)).ti,ab.
16	functional therap\$.ti,ab.
17	(activit\$ adj2 therap\$).ti,ab.
18	or/13-17
19	OCCUPATIONAL THERAPY.sh,kw.
20	occupational therap\$.ti,ab.
21	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).ti,ab.
22	CO-OP.ti,ab.
23	activit\$ analys?s.ti,ab.
24	or/19-23
25	THERAPY, COMPUTER-ASSISTED/
26	((comput\$ or video) adj2 therap\$).ti,ab,kw.
27	(virtual realit\$ adj3 therap\$).ti,ab,kw.
28	VIRTUAL REALITY EXPOSURE THERAPY/
29	or/25-28
30	BEHAVIOR THERAPY.sh,kw.
31	((behavio?r\$ adj3 (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).ti,ab.



#	Searches
32	or/30-31
33	12 or 18 or 24 or 29 or 32
34	4 and 33

1

### E.22.42 Database: Cochrane Database of Systematic Reviews; Database of Abstracts of Reviews of Effects

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx,kw.
2	little? disease.tw,tx.
3	or/1-2
4	(Sensory Integration Therapy or Ayres Sensory Integration).tw,tx,kw.
5	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).tw,tx.
6	SPM.tw,tx.
7	(sens\$ diet or sens\$ life?style or sens\$ life style).tw,tx.
8	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or proprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj7 (therap\$ or integrat\$ or prog\$ or train\$)).tw,tx,kw.
9	((AUDITORY or OLFACTORY or TASTE or TOUCH or VISUAL or PERCEPTION) and THERAP\$).kw.
10	((SENSATION/ or POSTUR\$ or BALANCE) and THERAP\$).kw.
11	or/4-10
12	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).tw,tx.
13	GDT.tw,tx.
14	(task adj2 (train\$ or therap\$)).tw,tx.
15	functional therap\$.tw,tx.
16	(activit\$ adj2 therap\$).tw,tx.
17	or/12-16
18	occupational therap\$.tw,tx,kw.
19	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).tw,tx.
20	CO-OP.tw,tx.
21	activit\$ analys?s.tw,tx.
22	or/18-21
23	((comput\$ or video) adj2 therap\$).tw,tx,kw.
24	(virtual realit\$ adj3 therap\$).tw,tx,kw.
25	or/23-24
26	BEHAVIOR THERAPY.kw.
27	((behavio?r\$ adj3 (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).tw,tx.
28	or/26-27
29	11 or 17 or 22 or 25 or 28
30	3 and 29

4

### E.22.55 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	(Sensory Integration Therapy or Ayres Sensory Integration).tw.
6	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).tw.
7	SPM.tw.
8	(sens\$ diet or sens\$ life?style or sens\$ life style).tw.
9	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or proprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj7 (therap\$ or integrat\$ or prog\$ or train\$)).tw.
10	(AUDITORY PERCEPTION/ or OLFACTORY PERCEPTION/ or TASTE PERCEPTION/ or TOUCH PERCEPTION/ or VISUAL PERCEPTION/) and exp THERAPEUTICS/
11	(SENSATION/ or POSTURAL BALANCE/) and exp THERAPEUTICS/
12	or/5-11
13	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).tw.
14	GDT.tw.
15	(task adj2 (train\$ or therap\$)).tw.
16	functional therap\$.tw.

#	Searches
17	(activit\$ adj2 therap\$).tw.
18	or/13-17
19	OCCUPATIONAL THERAPY/
20	occupational therap\$.tw.
21	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).tw.
22	CO-OP.tw.
23	activit\$ analys?s.tw.
24	or/19-23
25	THERAPY, COMPUTER-ASSISTED/
26	((comput\$ or video) adj2 therap\$).tw.
27	(virtual realit\$ adj3 therap\$).tw.
28	VIRTUAL REALITY EXPOSURE THERAPY/
29	or/25-28
30	BEHAVIOR THERAPY/
31	((behavio?r\$ adj3 (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).tw.
32	or/30-31
33	12 or 18 or 24 or 29 or 32
34	4 and 33

1

### E.22.62 Database: Embase

#	Searches
1	SYSTEMATIC REVIEW/
2	META-ANALYSIS/
3	(meta analy* or metanaly* or metaanaly*).ti,ab.
4	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
5	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
6	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
7	(search* adj4 literature).ab.
8	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
9	((pool* or combined) adj2 (data or trials or studies or results)).ab.
10	cochrane.jw.
11	or/1-10
12	random*.ti,ab.
13	factorial*.ti,ab.
14	(crossover* or cross over*).ti,ab.
15	((doubl* or singl*) adj blind*).ti,ab.
16	(assign* or allocat* or volunteer* or placebo*).ti,ab.
17	CROSSOVER PROCEDURE/
18	SINGLE BLIND PROCEDURE/
19	RANDOMIZED CONTROLLED TRIAL/
20	DOUBLE BLIND PROCEDURE/
21	or/12-20
22	or/11,21
23	CEREBRAL PALSY/
24	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
25	little? disease.ti,ab.
26	or/23-25
27	(Sensory Integration Therapy or Ayres Sensory Integration).ti,ab.
28	(sens\$ adj3 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
29	SPM.ti,ab.
30	(sens\$ diet or sens\$ life?style or sens\$ life style).ti,ab.
31	((audit\$ or hear\$ or sound\$ or music\$ or olfactory or smell\$ or gust\$ or aroma\$ or oral or tast\$ or prioprioception or proprioception or balance\$ or postur\$ or position\$ or sensorimot\$ or tactile or somosensory or somatosensory or touch\$ or texture\$ or vibration\$ or vestibular or vision or visual or sight or see\$ or psychomotor\$ or environment\$) adj7 (therap\$ or integrat\$ or prog\$ or train\$)).ti,ab.
32	(HEARING/ or SMELLING/ or TASTE/ or TOUCH/ or VISION/) and THERAPY/
33	(SENSATION/ or SENSORY DYSFUNCTION/ or BODY EQUILIBRIUM/ or BODY POSITION/) and THERAPY/
34	(HEARING/ or SMELLING/ or TASTE/ or TOUCH/ or VISION/) and THERAPY/
35	or/27-34
36	((goal? or motivat\$) adj3 (therap\$ or task? or practi?e or train\$)).ti,ab.
37	(task adj2 (train\$ or therap\$)).ti,ab.
38	functional therap\$.ti,ab.
39	(activit\$ adj2 therap\$).ti,ab.
40	GDT.ti,ab.
41	or/36-40

#	Searches
42	OCCUPATIONAL THERAPY/
43	occupational therap\$.ti,ab.
44	(cognit\$ orientat\$ adj3 occupatio\$ perform\$).ti,ab.
45	activit\$ analys?s.ti,ab.
46	CO-OP.ti,ab.
47	or/42-46
48	COMPUTER ASSISTED THERAPY/
49	((comput\$ or video) adj2 therap\$).ti,ab.
50	(virtual realit\$ adj3 therap\$).ti,ab.
51	VIRTUAL REALITY EXPOSURE THERAPY/
52	or/48-51
53	BEHAVIOR THERAPY/
54	((behavio?r\$ adj (therap\$ or train\$ or modif\$ or treat\$ or change)) or (psychol\$ support\$ or neuro?psychol\$ support\$)).ti,ab.
55	or/53-54
56	35 or 41 or 47 or 52 or 55
57	26 and 56
58	limit 57 to english language
59	letter.pt. or LETTER/
60	note.pt.
61	editorial.pt.
62	CASE REPORT/ or CASE STUDY/
63	(letter or comment*).ti.
64	or/59-63
65	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
66	64 not 65
67	ANIMAL/ not HUMAN/
68	NONHUMAN/
69	exp ANIMAL EXPERIMENT/
70	exp EXPERIMENTAL ANIMAL/
71	ANIMAL MODEL/
72	exp RODENT/
73	(rat or rats or mouse or mice).ti.
74	or/66-73
75	58 not 74
76	22 and 75

## E.23<sub>1</sub> Other comorbidities in cerebral palsy

### E.23.12 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	COMORBIDITY/
6	(comorbidit\$ or complication?).ti,ab.
7	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).ti,ab.
8	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).ti,ab.
9	or/5-8
10	CHILD BEHAVIOR DISORDERS/
11	exp "ATTENTION DEFICIT AND DISRUPTIVE BEHAVIOR DISORDERS"/
12	exp BEHAVIORAL SYMPTOMS/
13	exp LEARNING DISORDERS/
14	exp INTELLECTUAL DISABILITY/
15	exp COGNITION DISORDERS/
16	exp COMMUNICATION DISORDERS/
17	exp HEARING DISORDERS/
18	exp VISION DISORDERS/
19	exp PERCEPTUAL DISORDERS/
20	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).ti,ab.
21	((hear\$ or vision or sight) adj3 loss\$).ti,ab.
22	(deaf\$ or blind\$ or deafblind or amaurosi\$).ti,ab.
23	VOMITING/
24	(vomit\$ or emesis).ti,ab.
25	exp GASTROESOPHAGEAL REFLUX/

#	Searches
26	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).ti,ab.
27	(GOR or GORD or GER or GERD or LPR).ti,ab.
28	(gastric adj3 (acid or reflux or regurgitat\$)).ti,ab.
29	ESOPHAGITIS/
30	(reflux adj (oesophagitis or esophagitis)).ti,ab.
31	(erosive adj3 (oesophag\$ or esophag\$)).ti,ab.
32	ESOPHAGEAL STENOSIS/
33	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).ti,ab.
34	CONSTIPATION/
35	(constipat\$ or obstipat\$ or dyschezi\$).ti,ab.
36	exp EPILEPSY/
37	(epilep\$ or seiz\$ or myoclon\$).ti,ab.
38	or/10-37
39	PREVALENCE/
40	INCIDENCE/
41	LIFE TABLES/
42	(prevalen\$ or incidence? or rate? or proportion? or frequen\$).ti.
43	life table?.ti,ab.
44	ep.fs. [Epidemiology]
45	or/39-44
46	REGISTRIES/
47	exp POPULATION SURVEILLANCE/
48	(register? or registry or registries or surveill\$).ti,ab.
49	"Surveillance of Cerebral Palsy in Europe".ti,ab.
50	(CPUP or SCPE).ti,ab.
51	or/46-50
52	EPIDEMIOLOGIC STUDIES/
53	exp CASE-CONTROL STUDIES/
54	exp COHORT STUDIES/
55	case control.tw.
56	(cohort adj (study or studies or analy\$)).tw.
57	(follow up adj (study or studies)).tw.
58	(observational adj (study or studies)).tw.
59	(longitudinal or retrospective or prospective or cross sectional).tw.
60	CROSS-SECTIONAL STUDIES/
61	or/52-60
62	*CEREBRAL PALSY/co [Complications]
63	4 and 9 and 38
64	4 and 9 and 45 and 61
65	4 and 38 and 45
66	4 and (9 or 38) and 51
67	62 and 51
68	62 and 38 and (45 or 61)
69	62 and 45 and 61
70	or/63-69
71	limit 70 to english language
72	LETTER/
73	EDITORIAL/
74	NEWS/
75	exp HISTORICAL ARTICLE/
76	ANECDOTES AS TOPIC/
77	COMMENT/
78	CASE REPORT/
79	(letter or comment*).ti.
80	or/72-79
81	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
82	80 not 81
83	ANIMALS/ not HUMANS/
84	exp ANIMALS, LABORATORY/
85	exp ANIMAL EXPERIMENTATION/
86	exp MODELS, ANIMAL/
87	exp RODENTIA/
88	(rat or rats or mouse or mice).ti.
89	or/82-88
90	71 not 89

### E.23.21 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(comorbidit\$ or complication?).ti,ab.
5	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).ti,ab.
6	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).ti,ab.
7	or/4-6
8	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).ti,ab.
9	((hear\$ or vision or sight) adj3 loss\$).ti,ab.
10	(deaf\$ or blind\$ or deafblind or amaurosi\$).ti,ab.
11	(vomit\$ or emesis).ti,ab.
12	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).ti,ab.
13	(GOR or GORD or GER or GERD or LPR).ti,ab.
14	(gastric adj3 (acid or reflux or regurgitat\$)).ti,ab.
15	(reflux adj (oesophagitis or esophagitis)).ti,ab.
16	(erosive adj3 (oesophag\$ or esophag\$)).ti,ab.
17	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).ti,ab.
18	(constipat\$ or obstipat\$ or dyschezi\$).ti,ab.
19	(epilep\$ or seiz\$ or myoclon\$).ti,ab.
20	or/8-19
21	(prevalen\$ or incidence? or rate? or proportion? or frequen\$).ti.
22	life table?.ti,ab.
23	or/21-22
24	(register? or registry or registries or surveill\$).ti,ab.
25	"Surveillance of Cerebral Palsy in Europe".ti,ab.
26	(CPUP or SCPE).ti,ab.
27	or/24-26
28	case control.tw.
29	(cohort adj (study or studies or analy\$)).tw.
30	(follow up adj (study or studies)).tw.
31	(observational adj (study or studies)).tw.
32	(longitudinal or retrospective or prospective or cross sectional).tw.
33	or/28-32
34	3 and 7 and 20
35	3 and (7 or 20) and (23 or 27 or 33)
36	or/34-35

2

### E.23.33 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	or/1-3
5	COMORBIDITY/
6	(comorbidit\$ or complication?).ti,ab,kw.
7	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).ti,ab.
8	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).ti,ab.
9	or/5-8
10	CHILD BEHAVIOR DISORDERS/
11	exp "ATTENTION DEFICIT AND DISRUPTIVE BEHAVIOR DISORDERS"/
12	exp BEHAVIORAL SYMPTOMS/
13	exp LEARNING DISORDERS/
14	exp INTELLECTUAL DISABILITY/
15	exp COGNITION DISORDERS/
16	exp COMMUNICATION DISORDERS/
17	exp HEARING DISORDERS/
18	exp VISION DISORDERS/
19	exp PERCEPTUAL DISORDERS/
20	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).ti,ab,kw.
21	((hear\$ or vision or sight) adj3 loss\$).ti,ab.
22	(deaf\$ or blind\$ or deafblind or amaurosi\$).ti,ab,kw.
23	VOMITING/

#	Searches
24	(vomit\$ or emesis).ti,ab,kw.
25	exp GASTROESOPHAGEAL REFLUX/
26	NON EROSIIVE REFLUX DISEASE.kw.
27	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).ti,ab,kw.
28	(GOR or GORD or GER or GERD or LPR).ti,ab.
29	(gastric adj3 (acid or reflux or regurgitat\$)).ti,ab.
30	ESOPHAGITIS.sh,kw.
31	(reflux adj (oesophagitis or esophagitis)).ti,ab.
32	(erosive adj3 (oesophag\$ or esophag\$)).ti,ab.
33	ESOPHAGEAL STENOSIS/
34	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).ti,ab.
35	CONSTIPATION/
36	(constipat\$ or obstipat\$ or dyschezi\$).ti,ab,kw.
37	exp EPILEPSY/
38	(epilep\$ or seiz\$ or myoclon\$).ti,ab,kw.
39	or/10-38
40	PREVALENCE/
41	INCIDENCE/
42	LIFE TABLE?.sh,kw.
43	(prevalen\$ or incidence? or rate? or proportion? or frequen\$).ti.
44	life table?.ti,ab.
45	ep.fs. [Epidemiology]
46	or/40-45
47	REGISTRIES/
48	exp POPULATION SURVEILLANCE/
49	HEALTH SURVEY.kw.
50	(register? or registry or registries or surveill\$).ti,ab,kw.
51	"Surveillance of Cerebral Palsy in Europe".ti,ab.
52	(CPUP or SCPE).ti,ab.
53	or/47-52
54	4 and 9 and 39
55	4 and (9 or 39) and (46 or 53)
56	or/54-55

1

### E.23.42 Database: Cochrane Database of Systematic Reviews

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	COMORBIDITY.kw.
6	(comorbidit\$ or complication?).ti,ab.
7	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).ti,ab.
8	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).ti,ab.
9	or/5-8
10	CHILD BEHAVIOR DISORDERS.kw.
11	"ATTENTION DEFICIT AND DISRUPTIVE BEHAVIOR DISORDERS".kw.
12	BEHAVIORAL SYMPTOMS.kw.
13	LEARNING DISORDERS.kw.
14	INTELLECTUAL DISABILITY.kw.
15	COGNITION DISORDERS.kw.
16	COMMUNICATION DISORDERS.kw.
17	HEARING DISORDERS.kw.
18	VISION DISORDERS.kw.
19	PERCEPTUAL DISORDERS.kw.
20	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).ti,ab.
21	((hear\$ or vision or sight) adj3 loss\$).ti,ab.
22	(deaf\$ or blind\$ or deafblind or amaurosi\$).ti,ab.
23	VOMITING.kw.
24	(vomit\$ or emesis).ti,ab.
25	GASTROESOPHAGEAL REFLUX.kw.
26	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).ti,ab.
27	(GOR or GORD or GER or GERD or LPR).ti,ab.
28	(gastric adj3 (acid or reflux or regurgitat\$)).ti,ab.
29	ESOPHAGITIS.kw.

#	Searches
30	(reflux adj (oesophagitis or esophagitis)).ti,ab.
31	(erosive adj3 (oesophag\$ or esophag\$)).ti,ab.
32	ESOPHAGEAL STENOSIS.kw.
33	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).ti,ab.
34	CONSTIPATION.kw.
35	(constipat\$ or obstipat\$ or dyschezis\$).ti,ab.
36	EPILEPSY.kw.
37	(epilep\$ or seiz\$ or myoclon\$).ti,ab.
38	or/10-37
39	PREVALENCE.kw.
40	INCIDENCE.kw.
41	LIFE TABLES.kw.
42	(prevalen\$ or incidence? or rate? or proportion? or frequen\$).ti.
43	life table?.ti,ab.
44	or/39-43
45	REGISTRIES.kw.
46	POPULATION SURVEILLANCE.kw.
47	(register? or registry or registries or surveill\$).ti,ab.
48	"Surveillance of Cerebral Palsy in Europe".ti,ab.
49	(CPUP or SCPE).ti,ab.
50	or/45-49
51	EPIDEMIOLOGIC STUDIES.kw.
52	CASE-CONTROL STUDIES.kw.
53	COHORT STUDIES.kw.
54	case control.tw.
55	(cohort adj (study or studies or analy\$)).tw.
56	(follow up adj (study or studies)).tw.
57	(observational adj (study or studies)).tw.
58	(longitudinal or retrospective or prospective or cross sectional).tw.
59	CROSS-SECTIONAL STUDIES.kw.
60	or/51-59
61	4 and 9 and 38
62	4 and (9 or 38) and (44 or 50 or 60)
63	or/61-62

1

### E.23.52 Database: Database of Abstracts of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	COMORBIDITY.kw.
6	(comorbidit\$ or complication?).tw.
7	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).tw.
8	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).tw.
9	or/5-8
10	CHILD BEHAVIOR DISORDERS.kw.
11	"ATTENTION DEFICIT AND DISRUPTIVE BEHAVIOR DISORDERS".kw.
12	BEHAVIORAL SYMPTOMS.kw.
13	LEARNING DISORDERS.kw.
14	INTELLECTUAL DISABILITY.kw.
15	COGNITION DISORDERS.kw.
16	COMMUNICATION DISORDERS.kw.
17	HEARING DISORDERS.kw.
18	VISION DISORDERS.kw.
19	PERCEPTUAL DISORDERS.kw.
20	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).tw.
21	((hear\$ or vision or sight) adj3 loss\$).tw.
22	(deaf\$ or blind\$ or deafblind or amaurosi\$).tw.
23	VOMITING.kw.
24	(vomit\$ or emesis).tw.
25	GASTROESOPHAGEAL REFLUX.kw.
26	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).tw.
27	(GOR or GORD or GER or GERD or LPR).tw.
28	(gastric adj3 (acid or reflux or regurgitat\$)).tw.

#	Searches
29	ESOPHAGITIS.kw.
30	(reflux adj (oesophagitis or esophagitis)).tw.
31	(erosive adj3 (oesophag\$ or esophag\$)).tw.
32	ESOPHAGEAL STENOSIS.kw.
33	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).tw.
34	CONSTIPATION.kw.
35	(constipat\$ or obstipat\$ or dyschezi\$).tw.
36	EPILEPSY.kw.
37	(epilep\$ or seiz\$ or myoclon\$).tw.
38	or/10-37
39	PREVALENCE.kw.
40	INCIDENCE.kw.
41	LIFE TABLES.kw.
42	(prevalen\$ or incidence? or rate? or proportion? or frequen\$).ti.
43	life table?.tw.
44	or/39-43
45	REGISTRIES.kw.
46	POPULATION SURVEILLANCE.kw.
47	(register? or registry or registries or surveill\$).tw.
48	"Surveillance of Cerebral Palsy in Europe".tw.
49	(CPUP or SCPE).tw.
50	or/45-49
51	EPIDEMIOLOGIC STUDIES.kw.
52	CASE-CONTROL STUDIES.kw.
53	COHORT STUDIES.kw.
54	case control.tw.
55	(cohort adj (study or studies or analy\$)).tw.
56	(follow up adj (study or studies)).tw.
57	(observational adj (study or studies)).tw.
58	(longitudinal or retrospective or prospective or cross sectional).tw.
59	CROSS-SECTIONAL STUDIES.kw.
60	or/51-59
61	4 and 9 and 38
62	4 and (9 or 38) and (44 or 50 or 60)
63	or/61-62

1

### E.23.62 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3

3

### E.23.74 Database: Embase

#	Searches
1	*CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	*COMORBIDITY/
6	(comorbitid\$ or complication?).ti,ab.
7	((coexist\$ or co exist\$ or co occur\$ or cooccur\$ or associat\$) adj (condition? or disease? or disab\$ or impair\$)).ti,ab.
8	((profile? or pattern? or distribut\$) adj3 (impair\$ or neuroimpair\$ or neurodisab\$ or neurodefic\$)).ti,ab.
9	or/5-8
10	exp *BEHAVIOR DISORDER/
11	exp *BEHAVIOR/
12	exp *LEARNING DISORDER/
13	exp *INTELLECTUAL IMPAIRMENT/
14	exp *COGNITIVE DEFECT/
15	exp *COMMUNICATION DISORDER/
16	exp *HEARING DISORDER/
17	exp *VISUAL DISORDER/
18	exp *PERCEPTION DISORDER/



#	Searches
19	((behav\$ or psychosocial or social or learning or intellect\$ or mental\$ or cognit\$ or communicat\$ or speech or hear\$ or vision or visual\$ or sight or percept\$) adj3 (disorder? or difficult\$ or disab\$ or deficien\$ or retard\$ or impair\$ or problem\$ or dysfunction\$ or deficit\$)).ti,ab.
20	((hear\$ or vision or sight) adj3 loss\$).ti,ab.
21	(deaf\$ or blind\$ or deafblind or amaurosi\$).ti,ab.
22	*VOMITING/
23	(vomit\$ or emesis).ti,ab.
24	*GASTROESOPHAGEAL REFLUX/ or *NON EROSIVE REFLUX DISEASE/
25	((gastro?esophageal or oesophageal or esophageal or acid) adj reflux).ti,ab.
26	(GOR or GORD or GER or GERD or LPR).ti,ab.
27	(gastric adj3 (acid or reflux or regurgitat\$)).ti,ab.
28	*ESOPHAGITIS/ or *REFLUX ESOPHAGITIS/ or *ULCERATIVE ESOPHAGITIS/
29	(reflux adj (oesophagitis or esophagitis)).ti,ab.
30	(erosive adj3 (oesophag\$ or esophag\$)).ti,ab.
31	((esophag\$ or oesophag\$ or reflux) adj3 (stenos#s or stricture?)).ti,ab.
32	*CONSTIPATION/
33	(constipat\$ or obstipat\$ or dyschezi\$).ti,ab.
34	exp *EPILEPSY/
35	(epilep\$ or seiz\$ or myoclon\$).ti,ab.
36	or/10-35
37	PREVALENCE/
38	INCIDENCE/
39	LIFE TABLE/
40	(prevalen\$ or incidence? or model\$ or risk\$ or rate? or proportion? or frequen\$).ti.
41	life table?.ti,ab.
42	ep.fs. [Epidemiology]
43	or/37-42
44	REGISTER/
45	exp HEALTH SURVEY/
46	exp DISEASE SURVEILLANCE/
47	(register? or registry or registries or surveill\$).ti,ab.
48	"Surveillance of Cerebral Palsy in Europe".ti,ab.
49	(CPUP or SCPE).ti,ab.
50	or/44-49
51	CLINICAL STUDY/
52	CASE CONTROL STUDY/
53	FAMILY STUDY/
54	LONGITUDINAL STUDY/
55	RETROSPECTIVE STUDY/
56	PROSPECTIVE STUDY/
57	RANDOMIZED CONTROLLED TRIALS/
58	56 not 57
59	COHORT ANALYSIS/
60	(cohort adj (study or studies)).mp.
61	(case control adj (study or studies)).tw.
62	(follow up adj (study or studies)).tw.
63	(observational adj (study or studies)).tw.
64	(epidemiologic\$ adj (study or studies)).tw.
65	(cross sectional adj (study or studies)).tw.
66	or/51-55,58-65
67	*CEREBRAL PALSY/co [Complication]
68	4 and 9 and 36
69	4 and 9 and 43 and 66
70	4 and 36 and 43
71	4 and (9 or 36) and 50
72	67 and 50
73	67 and 36 and (43 or 66)
74	67 and 43 and 66
75	or/68-74
76	limit 75 to english language
77	letter.pt. or LETTER/
78	note.pt.
79	editorial.pt.
80	CASE REPORT/ or CASE STUDY/
81	(letter or comment*).ti.
82	or/77-81
83	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
84	82 not 83
85	ANIMAL/ not HUMAN/
86	NONHUMAN/

#	Searches
87	exp ANIMAL EXPERIMENT/
88	exp EXPERIMENTAL ANIMAL/
89	ANIMAL MODEL/
90	exp RODENT/
91	(rat or rats or mouse or mice).ti.
92	or/84-91
93	76 not 92

## E.24.1 Social care needs

### E.24.12 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	INDEPENDENT LIVING/
6	(independen\$ adj3 (live or living or travel\$)).ti,ab.
7	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
8	MENTORS/
9	mentor\$.ti,ab.
10	or/5-9
11	and/4,10
12	SOCIAL SUPPORT/
13	NEEDS ASSESSMENT/
14	"HEALTH SERVICES NEEDS AND DEMAND"/
15	((support or care) adj3 (need or needs or assess\$)).ti,ab.
16	or/12-15
17	and/4,16
18	HEALTH SERVICES ACCESSIBILITY/
19	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.
20	EMPLOYMENT/ or VOCATIONAL EDUCATION/ or REHABILITATION, VOCATIONAL/ or SELF-HELP GROUPS/ or SPORTS/ or SPORTS FOR PERSONS WITH DISABILITIES/ or RECREATION/ or "PLAY AND PLAYTHINGS"/
21	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
22	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
23	or/18-22
24	and/4,23
25	PATIENT EDUCATION AS TOPIC/
26	((advise or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
27	or/25-26
28	and/4,27
29	or/11,17,24,28
30	limit 29 to english language
31	LETTER/
32	EDITORIAL/
33	NEWS/
34	exp HISTORICAL ARTICLE/
35	ANECDOTES AS TOPIC/
36	COMMENT/
37	CASE REPORT/
38	(letter or comment*).ti.
39	or/31-38
40	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
41	39 not 40
42	ANIMALS/ not HUMANS/
43	exp ANIMALS, LABORATORY/
44	exp ANIMAL EXPERIMENTATION/
45	exp MODELS, ANIMAL/
46	exp RODENTIA/
47	(rat or rats or mouse or mice).ti.
48	or/41-47
49	30 not 48
50	interview\$.tw. or px.fs. or exp HEALTH SERVICES ADMINISTRATION/ [Psychology]
51	and/49-50

### E.24.21 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	or/1-2
4	(independen\$ adj3 (live or living or travel\$)).ti,ab.
5	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
6	mentor\$.ti,ab.
7	((support or care) adj3 (need or needs or assess\$)).ti,ab.
8	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.
9	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
10	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
11	((advi#e or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
12	or/4-11
13	and/3,12

2

### E.24.33 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	INDEPENDENT LIVING/
6	(independen\$ adj3 (live or living or travel\$)).ti,ab.
7	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
8	MENTORS/
9	mentor\$.ti,ab.
10	or/5-9
11	and/4,10
12	SOCIAL SUPPORT/
13	NEEDS ASSESSMENT/
14	"HEALTH SERVICES NEEDS AND DEMAND"/
15	((support or care) adj3 (need or needs or assess\$)).ti,ab.
16	or/12-15
17	and/4,16
18	HEALTH SERVICES ACCESSIBILITY/
19	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.
20	EMPLOYMENT/ or VOCATIONAL EDUCATION/ or REHABILITATION, VOCATIONAL/ or SELF-HELP GROUPS/ or SPORTS/ or SPORTS FOR PERSONS WITH DISABILITIES/ or RECREATION/ or "PLAY AND PLAYTHINGS"/
21	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
22	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
23	or/18-22
24	and/4,23
25	PATIENT EDUCATION AS TOPIC/
26	((advi#e or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
27	or/25-26
28	and/4,27
29	or/11,17,24,28

4

### E.24.45 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 6 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.tw,tx.
4	or/1-3
5	INDEPENDENT LIVING.kw.
6	(independen\$ adj3 (live or living or travel\$)).tw,tx.
7	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).tw,tx.
8	MENTORS.kw.
9	mentor\$.tw,tx.

#	Searches
10	or/5-9
11	and/4,10
12	SOCIAL SUPPORT.kw.
13	NEEDS ASSESSMENT.kw.
14	"HEALTH SERVICES NEEDS AND DEMAND".kw.
15	((support or care) adj3 (need or needs or assess\$)).ti,ab.
16	or/12-15
17	and/4,16
18	HEALTH SERVICES ACCESSIBILITY.kw.
19	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).tw,tx.
20	(EMPLOYMENT or VOCATIONAL EDUCATION or SELF-HELP GROUPS or SPORTS or SPORTS FOR PERSONS WITH DISABILITIES or RECREATION or "PLAY AND PLAYTHINGS").kw.
21	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).tw,tx.
22	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).tw,tx.
23	or/18-22
24	and/4,23
25	PATIENT EDUCATION AS TOPIC.kw.
26	((advise or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
27	or/25-26
28	and/4,27
29	or/11,17,24,28

1

#### E.24.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3
5	INDEPENDENT LIVING/
6	(independen\$ adj3 (live or living or travel\$)).tw.
7	(access\$ adj3 (transport\$ or vehic\$ or car or cars or buses or train or trains)).tw.
8	MENTORS/
9	mentor\$.tw.
10	or/5-9
11	and/4,10
12	SOCIAL SUPPORT/
13	NEEDS ASSESSMENT/
14	"HEALTH SERVICES NEEDS AND DEMAND"/
15	((support or care) adj3 (need or needs or assess\$)).tw.
16	or/12-15
17	and/4,16
18	HEALTH SERVICES ACCESSIBILITY/
19	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).tw.
20	EMPLOYMENT/ or VOCATIONAL EDUCATION/ or SELF-HELP GROUPS/ or SPORTS/ or SPORTS FOR PERSONS WITH DISABILITIES/ or RECREATION/ or "PLAY AND PLAYTHINGS"/
21	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).tw.
22	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).tw.
23	or/18-22
24	and/4,23
25	PATIENT EDUCATION AS TOPIC/
26	((advise or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).tw.
27	or/25-26
28	and/4,27
29	or/11,17,24,28

3

#### E.24.64 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.

#	Searches
3	little? disease.ti,ab.
4	or/1-3
5	*INDEPENDENT LIVING/
6	*DAILY LIFE ACTIVITY/
7	(independen\$ adj3 (live or living or travel\$)).ti,ab.
8	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
9	*TEACHER/
10	mentor\$.ti,ab.
11	or/5-10
12	and/4,11
13	*SOCIAL SUPPORT/
14	*SOCIAL CARE/
15	*NEEDS ASSESSMENT/
16	*HEALTH CARE NEED/
17	*SOCIAL NEEDS/
18	((support or care) adj3 (need or needs or assess\$)).ti,ab.
19	or/13-18
20	and/4,19
21	*HEALTH CARE ACCESS/
22	*HEALTH SERVICES ACCESSIBILITY/
23	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.
24	*EMPLOYMENT/
25	*VOCATIONAL EDUCATION/
26	*VOCATIONAL REHABILITATION/
27	*SELF HELP/
28	exp DISABLED SPORT/
29	*RECREATION/
30	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
31	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
32	or/21-30
33	and/4,32
34	*PATIENT GUIDANCE/
35	*PATIENT EDUCATION/
36	((advise or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
37	or/34-36
38	and/4,37
39	or/12,20,33,38
40	limit 39 to english language
41	letter.pt. or LETTER/
42	note.pt.
43	editorial.pt.
44	CASE REPORT/ or CASE STUDY/
45	(letter or comment*).ti.
46	or/41-45
47	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
48	46 not 47
49	ANIMAL/ not HUMAN/
50	NONHUMAN/
51	exp ANIMAL EXPERIMENT/
52	exp EXPERIMENTAL ANIMAL/
53	ANIMAL MODEL/
54	exp RODENT/
55	(rat or rats or mouse or mice).ti.
56	or/48-55
57	40 not 56
58	(interview\$ or qualitative).tw. or exp HEALTH CARE ORGANIZATION/
59	and/57-58

1

### E.24.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	SELF CARE SKILLS/

#	Searches
6	"ACTIVITIES OF DAILY LIVING"/
7	(independen\$ adj3 (live or living or travel\$)).ti,ab.
8	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
9	MENTOR/
10	mentor\$.ti,ab.
11	or/5-10
12	and/4,11
13	SOCIAL SUPPORT/
14	NEEDS ASSESSMENT/
15	HEALTH SERVICE NEEDS/
16	SPECIAL NEEDS/
17	((support or care) adj3 (need or needs or assess\$)).ti,ab,id.
18	or/13-17
19	and/4,18
20	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.
21	SUPPORTED EMPLOYMENT/
22	VOCATIONAL EDUCATION/
23	VOCATIONAL REHABILITATION/
24	SPORTS/
25	RECREATION/
26	SUPPORT GROUPS/
27	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
28	(access\$ adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
29	or/20-28
30	and/4,29
31	CLIENT EDUCATION/
32	((advi#e or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
33	or/31-32
34	and/4,33
35	or/12,19,30,34
36	limit 35 to english language

1

#### E.24.82 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paraly?s or pares?s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	COMMUNITY LIVING/
6	(independen* N3 (live or living or travel*)).ti,ab.
7	(access* N3 (transport* or vehic* or car or cars or bus or buses or train or trains)).ti,ab.
8	MENTORSHIP/
9	mentor*.ti,ab.
10	or/5-9
11	and/4,10
12	SUPPORT, PSYCHOSOCIAL/
13	NEEDS ASSESSMENT/
14	"HEALTH SERVICES NEEDS AND DEMAND"/
15	((support or care) N3 (need or needs or assess*)).ti,ab.
16	or/12-15
17	and/4,16
18	HEALTH SERVICES ACCESSIBILITY/
19	(access* N3 (service* or assessment* or support* or specialist nurs* or OT or occupational therap* or clinic*)).ti,ab.
20	EMPLOYMENT OF DISABLED/ or VOCATIONAL EDUCATION/ or exp REHABILITATION, VOCATIONAL/ or SUPPORT GROUPS/ or exp SPORTS, DISABLED/ or SPORTS PARTICIPATION/ or RECREATION/ or exp "PLAY AND PLAYTHINGS"/
21	((access* or participat* or opportunit*) N3 (recreation* or play* or portage or leisure or activit* or support group* or sport*)).ti,ab.
22	((access* or participat* or opportunit*) N3 (education* or training or vocation* or work* or employ*)).ti,ab.
23	or/18-22
24	and/4,23
25	PATIENT EDUCATION/
26	((advi#e or advising or access* or inform* or guidance or recommend* or help or assist* or support*) N3 (respite or personal care or aids or equipment or hoist* or adapt* or benefits or allowance* or DLA or ESA)).ti,ab.
27	or/25-26
28	and/4,27

#	Searches
29	or/11,17,24,28

1

### E.24.92 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys*s or pares*s)).ti,ab.
3	little* disease.ti,ab.
4	or/1-3
5	INDEPENDENT LIVING/
6	ACTIVITIES OF DAILY LIVING/
7	(independen* adj3 (live or living or travel*)).ti,ab.
8	(access* adj3 (transport* or vehic* or car or cars or bus or buses or train or trains)).ti,ab.
9	MENTORS/
10	mentor*.ti,ab.
11	or/5-10
12	and/4,11
13	SOCIAL SUPPORT/
14	NEEDS ASSESSMENT/
15	"HEALTH SERVICES NEEDS AND DEMAND"/
16	((support or care) adj3 (need or needs or assess*)).ti,ab.
17	or/13-16
18	and/4,17
19	HEALTH SERVICES ACCESSIBILITY/
20	(access* adj3 (service* or assessment* or support* or specialist nurs* or OT or occupational therap* or clinic*)).ti,ab.
21	EMPLOYMENT/ or SUPPORTED EMPLOYMENT/
22	REHABILITATION VOCATIONAL/
23	RECREATION/
24	"PLAY AND PLAYTHINGS"/
25	SPORTS/
26	SELF HELP GROUPS/
27	((access* or participat* or opportunit*) adj3 (recreation* or play* or portage or leisure or activit* or support group* or sport*)).ti,ab.
28	((access* or participat* or opportunit*) adj3 (education* or training or vocation* or work* or employ*)).ti,ab.
29	or/19-28
30	and/4,29
31	PATIENT EDUCATION/
32	((advi*e or advising or access* or inform* or guidance or recommend* or help or assist* or support*) adj3 (respite or personal care or aids or equipment or hoist* or adapt* or benefits or allowance* or DLA or ESA)).ti,ab.
33	or/31-32
34	and/4,33
35	or/12,18,30,34
36	limit 35 to english

3

### E.24.104 Database: HMIC (Health Management Information Consortium)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	or/1-3
5	INDEPENDENT LIVING/
6	(independen\$ adj3 (live or living or travel\$)).ti,ab.
7	(access\$ adj3 (transport\$ or vehic\$ or car or cars or bus or buses or train or trains)).ti,ab.
8	MENTORS/
9	mentor\$.ti,ab.
10	or/5-9
11	and/4,10
12	SOCIAL SUPPORT/
13	NEEDS ASSESSMENT/
14	HEALTH NEEDS/ or SERVICE NEEDS/ or SOCIAL NEEDS/
15	((support or care) adj3 (need or needs or assess\$)).ti,ab.
16	or/12-15
17	and/4,16
18	exp ACCESS TO SERVICES/
19	(access\$ adj3 (service\$ or assessment\$ or support\$ or specialist nurs\$ or OT or occupational therap\$ or clinic\$)).ti,ab.

#	Searches
20	EMPLOYMENT/ or SUPPORTED EMPLOYMENT/
21	PROFESSIONAL EDUCATION/
22	OCCUPATIONAL REHABILITATION/
23	exp LEISURE ACTIVITIES/
24	exp SPORT/
25	PORTAGE SERVICES/
26	SELF HELP CLUBS/ or SELF HELP GROUPS/
27	((access\$ or participat\$ or opportunit\$) adj3 (recreation\$ or play\$ or portage or leisure or activit\$ or support group\$ or sport\$)).ti,ab.
28	((access\$ or participat\$ or opportunit\$) adj3 (education\$ or training or vocation\$ or work\$ or employ\$)).ti,ab.
29	or/18-28
30	and/4,29
31	PATIENT EDUCATION/
32	((advi#e or advising or access\$ or inform\$ or guidance or recommend\$ or help or assist\$ or support\$) adj3 (respite or personal care or aids or equipment or hoist\$ or adapt\$ or benefits or allowance\$ or DLA or ESA)).ti,ab.
33	or/31-32
34	and/4,33
35	or/11,17,30,34

1

## E.25.2 Transition to adult services

### E.25.13 Database: Medline

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	TRANSITION TO ADULT CARE/
10	exp CONTINUITY OF PATIENT CARE/
11	PATIENT CARE PLANNING/ and adult\$.ti.
12	or/10-11
13	ADOLESCENT/ or MINORS/
14	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jw,nw.
15	exp CHILD/
16	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,nw.
17	exp INFANT/
18	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,nw.
19	exp PEDIATRICS/ or exp PUBERTY/
20	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jw,nw.
21	or/13-20
22	and/12,21
23	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$)).ab,kw.
24	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$)).ti.
25	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ab,kw.
26	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
27	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
28	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
29	("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
30	("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
31	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or



#	Searches
	manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition\$ adj3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ab.
34	(transition\$ and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35
37	limit 36 to english language
38	LETTER/
39	EDITORIAL/
40	NEWS/
41	exp HISTORICAL ARTICLE/
42	ANECDOTES AS TOPIC/
43	COMMENT/
44	CASE REPORT/
45	(letter or comment*).ti.
46	or/38-45
47	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
48	46 not 47
49	ANIMALS/ not HUMANS/
50	exp ANIMALS, LABORATORY/
51	exp ANIMAL EXPERIMENTATION/
52	exp MODELS, ANIMAL/
53	exp RODENTIA/
54	(rat or rats or mouse or mice).ti.
55	or/48-54
56	37 not 55
57	interview\$.tw. or px.fs. or exp HEALTH SERVICES ADMINISTRATION/ [Psychology]
58	and/56-57

1

### E.25.22 Database: Medline In-process & Other Non-Indexed Citations

#	Searches
1	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
2	little? disease.ti,ab.
3	(disab\$ or neurodisab\$ or handicap\$).ti.
4	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
5	(neurolog\$ adj impair\$).ti,ab.
6	or/1-5
7	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ab,kw.
8	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ti.
9	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ab,kw.
10	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
11	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
12	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
13	((("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
14	((("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
15	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
16	(transition\$ adj3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ab.
17	(transition\$ and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ti.
18	or/7-17
19	and/6,18

3

### E.25.31 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab,kw.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,kw.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	TRANSITION TO ADULT CARE.sh,kw.
10	exp CONTINUITY OF PATIENT CARE/ or PATIENT CARE.kw.
11	PATIENT CARE PLANNING/ and adult\$.ti.
12	or/10-11
13	ADOLESCENT/ or MINORS/
14	(adolescens\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jw,kw.
15	exp CHILD/
16	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jw,kw.
17	exp INFANT/
18	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jw,kw.
19	exp PEDIATRICS/ or exp PUBERTY/
20	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jw,kw.
21	or/13-20
22	and/12,21
23	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ab,kw.
24	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ti.
25	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ab,kw.
26	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
27	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
28	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
29	(("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
30	(("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
31	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition\$ adj3 (LIFEsan or "Moving on well" or "Ready Steady Go" or model?)).ab.
34	(transition\$ and (LIFEsan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35

2

### E.25.43 Database: Cochrane Database of Systematic Reviews; Database of Abstracts 4 of Reviews of Effects

#	Searches
1	CEREBRAL PALSY.kw.
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw,tx.
3	little? disease.tw,tx.
4	DEVELOPMENTAL DISABILITIES.kw.
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw,tx.
7	(neurolog\$ adj impair\$).tw,tx.
8	or/1-7
9	TRANSITION TO ADULT CARE.kw.
10	CONTINUITY OF PATIENT CARE.kw.
11	PATIENT CARE PLANNING.kw. and adult\$.ti.

#	Searches
12	or/10-11
13	(ADOLESCENT or MINORS).kw.
14	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).kw,ti,ab,jw,rw.
15	CHILD.kw.
16	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).kw,ti,ab,jw,rw.
17	INFANT.kw.
18	(infan\$ or neonat\$ or newborn\$ or baby or babies).kw,ti,ab,jw,rw.
19	(PEDIATRICS or PUBERTY).kw.
20	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).kw,ti,ab,jw,rw.
21	or/13-20
22	and/12,21
23	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).tw,tx,kw.
24	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ti.
25	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).tw,tx,kw.
26	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
27	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).tw,tx,kw.
28	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
29	(("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).tw,tx,kw.
30	(("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
31	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition\$ adj3 (LIFEsan or "Moving on well" or "Ready Steady Go" or model?)).tw,tx.
34	(transition\$ and (LIFEsan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35

1

### E.25.52 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).tw.
3	little? disease.tw.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).tw.
7	(neurolog\$ adj impair\$).tw.
8	or/1-7
9	TRANSITION TO ADULT CARE/
10	exp CONTINUITY OF PATIENT CARE/
11	PATIENT CARE PLANNING/ and adult\$.ti.
12	or/10-11
13	ADOLESCENT/ or MINORS/
14	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).tw,jx,rw.
15	exp CHILD/
16	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).tw,jx,rw.
17	exp INFANT/
18	(infan\$ or neonat\$ or newborn\$ or baby or babies).tw,jx,rw.
19	exp PEDIATRICS/ or exp PUBERTY/
20	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).tw,jx,rw.
21	or/13-20
22	and/12,21
23	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).tw.

#	Searches
24	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ti.
25	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).tw.
26	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
27	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).tw.
28	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
29	("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).tw.
30	("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
31	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition\$ adj3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).tw.
34	(transition\$ and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35

1

## E.25.62 Database: Embase

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISORDER/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab.
7	(neurolog\$ adj impair\$).ti,ab.
8	or/1-7
9	TRANSITION TO ADULT CARE/
10	PATIENT CARE/
11	PATIENT CARE PLANNING/ and adult\$.ti.
12	or/10-11
13	exp ADOLESCENT/
14	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,jx.
15	exp CHILD/
16	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,jx.
17	exp INFANT/
18	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,jx.
19	exp PEDIATRICS/ or exp PUBERTY/
20	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,jx,ec.
21	or/13-20
22	and/12,21
23	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$)).ab,kw.
24	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$)).ti.
25	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ab,kw.
26	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
27	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
28	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.

#	Searches
29	((("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,kw.
30	((("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
31	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition\$ adj3 (LIFEspan or "Moving on well" or "Ready Steady Go" or model?)).ab.
34	(transition\$ and (LIFEspan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35
37	limit 36 to english language
38	letter.pt. or LETTER/
39	note.pt.
40	editorial.pt.
41	CASE REPORT/ or CASE STUDY/
42	(letter or comment*).ti.
43	or/38-42
44	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
45	43 not 44
46	ANIMAL/ not HUMAN/
47	NONHUMAN/
48	exp ANIMAL EXPERIMENT/
49	exp EXPERIMENTAL ANIMAL/
50	ANIMAL MODEL/
51	exp RODENT/
52	(rat or rats or mouse or mice).ti.
53	or/45-52
54	37 not 53
55	(interview\$ or qualitative).tw. or exp HEALTH CARE ORGANIZATION/
56	and/54-55

1

### E.25.72 Database: PsycInfo

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paraly#s or pares#s)).ti,ab,id.
3	little? disease.ti,ab,id.
4	DEVELOPMENTAL DISABILITIES/
5	(disab\$ or neurodisab\$ or handicap\$).ti.
6	(development\$ adj3 (delay\$ or disorder? or disab\$)).ti,ab,id.
7	(neurolog\$ adj impair\$).ti,ab,id.
8	or/1-7
9	"CONTINUUM OF CARE"/
10	(HEALTH CARE SERVICES/ or TREATMENT PLANNING/) and adult\$.ti.
11	or/9-10
12	(1\$ or 2\$).ag.
13	(adolescen\$ or teen\$ or youth\$ or young or juvenile? or minors or highschool\$).ti,ab,hw,id,jw.
14	(child\$ or schoolchild\$ or "school age" or "school aged" or preschool\$ or toddler\$ or kid? or kindergar\$ or boy? or girl?).ti,ab,hw,id,jw.
15	(infan\$ or neonat\$ or newborn\$ or baby or babies).ti,ab,hw,id,jw.
16	exp PEDIATRICS/ or exp PUBERTY/
17	(p?ediatric\$ or pubert\$ or prepubert\$ or pubescen\$ or prepubescen\$).ti,ab,hw,id,jw.
18	or/12-17
19	and/11,18
20	(transition\$ adj10 (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ab,id.
21	(transition\$ and (service? or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice? or provider? or program\$ or "adult orient\$")).ti.
22	(Transition\$ adj3 (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ab,id.
23	(Transition\$ and (coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol? or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system?)).ti.
24	((transition\$ or transfer\$ or handoff or handover or "hand over") adj5 (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,id.

#	Searches
25	((transition\$ or transfer\$ or handoff or handover or "hand over") and (service\$ or care or clinic? or healthcare or hospital? or center\$ or centre\$ or facilit\$ or unit? or department? or institution\$ or agenc\$ or hospice\$ or provider?) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
26	((("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ab,id.
27	((("continued care" or "continuing care" or (continuity adj2 care)) and (adult\$ or p?ediatric\$ or child\$ or adolescent\$)).ti.
28	((transition\$ and adult\$ and (system\$ or healthcare or service? or care or clinic? or hospital? or centre\$ or center\$ or facilit\$ or unit? or department? or institution? or agenc\$ or hospice? or provider? or coordinat\$ or framework? or manag\$ or prepar\$ or plan\$ or protocol\$ or support\$ or trajector\$ or pathway\$ or process\$ or readiness or partnership\$ or program\$ or training or strateg\$ or failure\$ or barrier\$ or system? or p?ediatric\$)) not "older adult\$").ti.
29	or/20-28
30	(transition\$ adj3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ab,id.
31	(transition\$ and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ti.
32	or/19,29-31
33	and/8,32
34	limit 33 to english language
35	experience\$.mp. or interview\$.tw. or qualitative\$.tw.
36	and/34-35

1

### E.25.82 Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) N2 (pals* or paralys?s or pares?s)).ti,ab. Worster drought.ti,ab. Pseudobulbar pals*.ti,ab.
3	little? disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab* or neurodisab* or handicap*).ti.
6	(development* N1 (delay* or disorder? or disab*)).ti,ab.
7	(neurolog* N1 impair*).ti,ab.
8	or/1-7
9	TRANSITIONAL PROGRAMS/
10	exp CONTINUITY OF PATIENT CARE/
11	exp PATIENT CARE PLANS/ and adult*.ti.
12	or/10-11
13	exp ADOLESCENCE/
14	(adolescen* or teen* or youth* or young or juvenile? or minors or highschool* or "high school*" or high-school*).ti,ab.
15	exp CHILD/ or CHILD, PRESCHOOL/
16	(child* or schoolchild* or "school child*" or "school age" or school-age or "school aged" or school-aged or preschool* or toddler* or kid? or kindergar* or boy? or girl?).ti,ab.
17	exp INFANT/ or INFANT NEWBORN/
18	(infan* or neonat* or newborn* or baby or babies).ti,ab.
20	(p?ediatric* or pubert* or prepubert* or pubescen* or prepubescen* or pre-pubescen*).ti,ab.
21	or/13-20
22	and/12,21
23	(transition* N10 (service? or care or clinic? or healthcare or hospital? or center* or centre* or facilit* or unit? or department? or institution* or agenc* or hospice? or provider? or program* or "adult orient*")).ab.
24	(transition* and (service? or care or clinic? or healthcare or hospital? or center* or centre* or facilit* or unit? or department? or institution* or agenc* or hospice? or provider? or program* or "adult orient*")).ti.
25	(Transition* N3 (coordinat* or framework? or manag* or prepar* or plan* or protocol? or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system?)).ab.
26	(Transition* and (coordinat* or framework? or manag* or prepar* or plan* or protocol? or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system?)).ti.
27	((transition* or transfer* or handoff or handover or "hand over") adj5 (service* or care or clinic? or healthcare or hospital? or center* or centre* or facilit* or unit? or department? or institution* or agenc* or hospice* or provider?) N5 (adult* or p?ediatric* or child* or adolescent*)).ab.
28	((transition* or transfer* or handoff or handover or "hand over") and (service* or care or clinic? or healthcare or hospital? or center* or centre* or facilit* or unit? or department? or institution* or agenc* or hospice* or provider?) and (adult* or p?ediatric* or child* or adolescent*)).ti.
29	((("continued care" or "continuing care" or (continuity N2 care)) N5 (adult* or p?ediatric* or child* or adolescent*)).ab.
30	((("continued care" or "continuing care" or (continuity N2 care)) and (adult* or p?ediatric* or child* or adolescent*)).ti.
31	((transition* and adult* and (system* or healthcare or service? or care or clinic? or hospital? or centre* or center* or facilit* or unit? or department? or institution? or agenc* or hospice? or provider? or coordinat* or framework? or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system? or p?ediatric\$)) not "older adult\$").ti.
32	or/23-31
33	(transition* N3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ab.

#	Searches
34	(transition* and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model?)).ti.
35	or/9,22,32-34
36	and/8,35

1

### E.25.92 Database: AMED (Allied and Contemporary Medicine)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys*s or pares*s)).ti,ab.
3	little* disease.ti,ab.
4	DEVELOPMENTAL DISABILITIES/
5	(disab* or neurodisab* or handicap*).ti.
6	(development* adj3 (delay* or disorder* or disab*)).ti,ab.
7	(neurolog* adj impair*).ti,ab.
8	or/1-7
9	PATIENT CARE/
10	PATIENT CARE PLANNING/ and adult*.ti.
11	or/9-10
12	ADOLESCENT/
13	(adolescen* or teen* or youth* or young or juvenile* or minors or highschool*).ti,ab,jx.
14	exp CHILD/
15	(child* or schoolchild* or "school age" or "school aged" or preschool* or toddler* or kid* or kindergar* or boy* or girl*).ti,ab,jx.
16	exp INFANT/
17	(infan* or neonat* or newborn* or baby or babies).ti,ab,jx.
18	exp PEDIATRICS/ or exp PUBERTY/
19	(p*ediatric* or pubert* or prepubert* or pubescen* or prepubescen*).ti,ab,jx.
20	or/12-19
21	and/11,20
22	(transition* adj10 (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or program* or "adult orient*")).ab,hw.
23	(transition* and (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or program* or "adult orient*")).ti.
24	(Transition* adj3 (coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system*)).ab,hw.
25	(Transition* and (coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system*)).ti.
26	((transition* or transfer* or handoff or handover or "hand over") adj5 (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider*) adj5 (adult* or p*ediatric* or child* or adolescent*)).ab,hw.
27	((transition* or transfer* or handoff or handover or "hand over") and (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider*) and (adult* or p*ediatric* or child* or adolescent*)).ti.
28	((("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult* or p*ediatric* or child* or adolescent*)).ab,hw.
29	((("continued care" or "continuing care" or (continuity adj2 care)) and (adult* or p*ediatric* or child* or adolescent*)).ti.
30	((transition* and adult* and (system* or healthcare or service* or care or clinic* or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system* or p*ediatric*)) not "older adult*").ti.
31	or/22-30
32	(transition* adj3 (LIFEsplan or "Moving on well" or "Ready Steady Go" or model*)).ab.
33	(transition* and (LIFEsplan or "Moving on well" or "Ready Steady Go" or model*)).ti.
34	or/32-33
35	or/21,31-34
36	and/8,35
37	limit 36 to english language

3

### E.25.104 Database: HMIC (Health Management Information Consortium)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals* or paralys#s or pares#s)).ti,ab.
3	little* disease.ti,ab.
4	DEVELOPMENTAL DISORDERS/

#	Searches
5	(disab* or neurodisab* or handicap*).ti.
6	(development* adj3 (delay* or disorder* or disab*)).ti,ab.
7	(neurolog* adj impair*).ti,ab.
8	or/1-7
9	"CONTINUITY OF PATIENT CARE"/
10	exp PLANNING/ and adult*.ti.
11	or/9-10
12	exp YOUNG PEOPLE/
13	(adolescen* or teen* or youth* or young or juvenile* or minors or highschool*).ti,ab,jx.
14	exp CHILDREN/
15	(child* or schoolchild* or "school age" or "school aged" or preschool* or toddler* or kid* or kindergar* or boy* or girl*).ti,ab,jx.
16	exp INFANTS/
17	(infan* or neonat* or newborn* or baby or babies).ti,ab,jx.
18	exp PEDIATRICS/ or exp PUBERTY/
19	(p*ediatric* or pubert* or prepubert* or pubescen* or prepubescen*).ti,ab,jx.
20	or/12-19
21	and/11,20
22	(transition* adj10 (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or program* or "adult orient*")).ab,hw.
23	(transition* and (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or program* or "adult orient*")).ti.
24	(Transition* adj3 (coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system*)).ab,hw.
25	(Transition* and (coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system*)).ti.
26	((transition* or transfer* or handoff or handover or "hand over") adj5 (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider*) adj5 (adult* or p*ediatric* or child* or adolescent*)).ab,hw.
27	((transition* or transfer* or handoff or handover or "hand over") and (service* or care or clinic* or healthcare or hospital* or center* or centre* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider*) and (adult* or p*ediatric* or child* or adolescent*)).ti.
28	(("continued care" or "continuing care" or (continuity adj2 care)) adj5 (adult* or p*ediatric* or child* or adolescent*)).ab,hw.
29	(("continued care" or "continuing care" or (continuity adj2 care)) and (adult* or p*ediatric* or child* or adolescent*)).ti.
30	((transition* and adult* and (system* or healthcare or service* or care or clinic* or hospital* or centre* or center* or facilit* or unit* or department* or institution* or agenc* or hospice* or provider* or coordinat* or framework* or manag* or prepar* or plan* or protocol* or support* or trajector* or pathway* or process* or readiness or partnership* or program* or training or strateg* or failure* or barrier* or system* or p*ediatric*)) not "older adult*").ti.
31	or/22-30
32	(transition* adj3 (LIFEsan or "Moving on well" or "Ready Steady Go" or model*)).ab.
33	(transition* and (LIFEsan or "Moving on well" or "Ready Steady Go" or model*)).ti.
34	or/21,31-33
35	and/8,34

1

## E.26.2 Health economics global search

### E.26.13 Database: Medline

#	Searches
1	ECONOMICS/
2	VALUE OF LIFE/
3	exp "COSTS AND COST ANALYSIS"/
4	exp ECONOMICS, HOSPITAL/
5	exp ECONOMICS, MEDICAL/
6	exp RESOURCE ALLOCATION/
7	ECONOMICS, NURSING/
8	ECONOMICS, PHARMACEUTICAL/
9	exp "FEES AND CHARGES"/
10	exp BUDGETS/
11	budget*.ti,ab.
12	cost*.ti,ab.
13	(economic* or pharmaco?economic*).ti,ab.
14	(price* or pricing*).ti,ab.
15	(financ* or fee or fees or expenditure* or saving*).ti,ab.
16	(value adj2 (money or monetary)).ti,ab.



#	Searches
17	resourc* allocat*.ti,ab.
18	(fund or funds or funding* or funded).ti,ab.
19	(ration or rations or rationing* or rationed).ti,ab.
20	ec.fs.
21	or/1-20
22	CEREBRAL PALSY/
23	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
24	little? disease.ti,ab.
25	or/22-24
26	and/21,25
27	limit 26 to english language
28	LETTER/
29	EDITORIAL/
30	NEWS/
31	exp HISTORICAL ARTICLE/
32	ANECDOTES AS TOPIC/
33	COMMENT/
34	CASE REPORT/
35	(letter or comment* or abstracts).ti.
36	or/28-35
37	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
38	36 not 37
39	ANIMALS/ not HUMANS/
40	exp ANIMALS, LABORATORY/
41	exp ANIMAL EXPERIMENTATION/
42	exp MODELS, ANIMAL/
43	exp RODENTIA/
44	(rat or rats or mouse or mice).ti.
45	or/38-44
46	27 not 45

### E.26.21 Database: Cochrane Central Register of Controlled Trials

#	Searches
1	ECONOMICS/
2	VALUE OF LIFE/
3	exp "COSTS AND COST ANALYSIS"/
4	exp ECONOMICS, HOSPITAL/
5	exp ECONOMICS, MEDICAL/
6	exp RESOURCE ALLOCATION/
7	ECONOMICS, NURSING/
8	ECONOMICS, PHARMACEUTICAL/
9	exp "FEES AND CHARGES"/
10	exp BUDGETS/
11	budget*.ti,ab.
12	cost*.ti,ab.
13	(economic* or pharmaco?economic*).ti,ab.
14	(price* or pricing*).ti,ab.
15	(financ* or fee or fees or expenditure* or saving*).ti,ab.
16	(value adj2 (money or monetary)).ti,ab.
17	resourc* allocat*.ti,ab.
18	(fund or funds or funding* or funded).ti,ab.
19	(ration or rations or rationing* or rationed).ti,ab.
20	ec.fs.
21	or/1-20
22	CEREBRAL PALSY/
23	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
24	little? disease.ti,ab.
25	or/22-24
26	and/21,25

### E.26.32 Database: NHSEED (NHS Economic Evaluation Database)

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3

### E.26.41 Database: Health Technology Assessments

#	Searches
1	CEREBRAL PALSY/
2	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).tw.
3	little? disease.tw.
4	or/1-3

2

### E.26.53 Database: Embase

#	Searches
1	HEALTH ECONOMICS/
2	exp ECONOMIC EVALUATION/
3	exp HEALTH CARE COST/
4	exp FEE/
5	BUDGET/
6	FUNDING/
7	RESOURCE ALLOCATION/
8	budget*.ti,ab.
9	cost*.ti,ab.
10	(economic* or pharmaco?economic*).ti,ab.
11	(price* or pricing*).ti,ab.
12	(financ* or fee or fees or expenditure* or saving*).ti,ab.
13	(value adj2 (money or monetary)).ti,ab.
14	resourc* allocat*.ti,ab.
15	(fund or funds or funding* or funded).ti,ab.
16	(ration or rations or rationing* or rationed).ti,ab.
17	or/1-16
18	CEREBRAL PALSY/
19	((cerebral or brain or central) adj2 (pals\$ or paralys#s or pares#s)).ti,ab.
20	little? disease.ti,ab.
21	or/18-20
22	and/17,21
23	limit 22 to english language
24	conference abstract.pt.
25	letter.pt. or LETTER/
26	note.pt.
27	editorial.pt.
28	CASE REPORT/ or CASE STUDY/
29	(letter or comment* or abstracts).ti.
30	or/24-29
31	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
32	30 not 31
33	ANIMAL/ not HUMAN/
34	NONHUMAN/
35	exp ANIMAL EXPERIMENT/
36	exp EXPERIMENTAL ANIMAL/
37	ANIMAL MODEL/
38	exp RODENT/
39	(rat or rats or mouse or mice).ti.
40	or/32-39
41	23 not 40

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