

Collated Search Strategies for the Diabetes in Pregnancy Guideline

What is the effectiveness of oral oestrogen-containing contraceptives in women with diabetes compared with women without diabetes?

What is the effectiveness of oral progestogen-containing contraceptives in women with diabetes compared with women without diabetes?

Database(s): Ovid MEDLINE(R) 1946 to March Week 2 2014

Search Strategy: **DiP_update_combined_oral_contraceptive_RERUN1_medline_200314**

#	Searches
1	exp DIABETES MELLITUS/
2	(T1DM or T2DM).ti,ab.
3	IDDM.ti,ab.
4	diabet\$.ti.
5	PREDIABETIC STATE/
6	prediabet\$.ti,ab.
7	impaired glucose tolerance.ti,ab.
8	IGT.ti,ab.
9	Impaired fasting glucose.ti,ab.
10	IFG.ti,ab.
11	Impaired glucose regulation.ti,ab.
12	IGR.ti,ab.
13	GLUCOSE INTOLERANCE/
14	or/1-13
15	CONTRACEPTIVES, ORAL/ or CONTRACEPTIVES, ORAL, COMBINED/ or CONTRACEPTIVES, ORAL, HORMONAL/ or CONTRACEPTIVES, ORAL, SEQUENTIAL/ or CONTRACEPTIVES, ORAL, SYNTHETIC/ or exp CONTRACEPTIVES, POSTCOITAL/
16	ETHINYL ESTRADIOL/ or ETHINYL ESTRADIOL-NORGESTREL COMBINATION/ or MESTRANOL/
17	ESTRADIOL/
18	ESTROGENS/ or ESTROGENS, NON-STEROIDAL/
19	PROGESTINS/
20	DESOGESTREL/
21	DRSP.ti,ab.
22	exp NORPREGNENES/

23	gestodene.ti,ab.
24	drospirenone.ti,ab.
25	levonorgestrel.ti,ab.
26	(norethisterone or norgestimate).ti,ab.
27	NANDROLONE/
28	dienogest.ti,ab.
29	etynodiol.ti,ab.
30	"combined oral contracepti\$.ti,ab.
31	COCP.ti,ab.
32	mini?pill.ti,ab.
33	progest#gen\$.ti,ab.
34	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranette, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Qlaira).ti,ab.
35	(combined adj oral adj3 contracept\$.ti,ab.
36	or/15-35
37	and/14,36
38	randomized controlled trial.pt.
39	controlled clinical trial.pt.
40	DOUBLE BLIND METHOD/
41	SINGLE BLIND METHOD/
42	RANDOM ALLOCATION/
43	or/38-42
44	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.
45	clinical trial.pt.
46	exp CLINICAL TRIAL/
47	exp CLINICAL TRIALS AS TOPIC/
48	(clinic\$ adj5 trial\$).tw,sh.
49	PLACEBOS/
50	placebo\$.tw,sh.
51	random\$.tw,sh.
52	or/44-51
53	or/43,52
54	META ANALYSIS/
55	META ANALYSIS AS TOPIC/
56	meta analysis.pt.
57	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.
58	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.

59	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.
60	or/54-59
61	review\$.pt.
62	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.
63	((hand or manual\$) adj2 search\$).tw.
64	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.
65	(pooling or pooled or mantel haenszel).tw,sh.
66	(peto or dersimonian or der simonian or fixed effect).tw,sh.
67	or/62-66
68	and/61,67
69	exp CASE-CONTROL STUDIES/
70	(case\$ adj2 control\$).tw.
71	exp COHORT STUDIES/
72	cohort\$.tw.
73	or/69-72
74	comparative study.pt.
75	or/73-74
76	or/53,60,68,75
77	letter.pt.
78	comment.pt.
79	editorial.pt.
80	historical article.pt.
81	or/77-80
82	76 not 81
83	and/37,82
84	limit 83 to english language
85	limit 84 to animals
86	limit 84 to (animals and humans)
87	85 not 86
88	84 not 87
89	limit 88 to yr="2012 -Current"

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations March 19, 2014
Search Strategy: **DiP_update_combined_oral_contraceptive_RERUN1_mip_200314**

#	Searches
---	----------

1	diabet\$.ti,ab.
2	(T1DM or T2DM).ti,ab.
3	IDDM.ti,ab.
4	pre?diabet\$.ti,ab.
5	((impaired or fasting) adj3 glucose).ti,ab.
6	IGT.ti,ab.
7	IFG.ti,ab.
8	Impaired glucose regulation.ti,ab.
9	IGR.ti,ab.
10	(glucose adj intoleran\$).ti,ab.
11	or/1-10
12	((oral or combined or hormonal) adj3 (contracept\$ or pill\$)).ti,ab.
13	(estradiol or oestradiol or estrogen? or oestrogen?).ti,ab.
14	progestin?.ti,ab.
15	desogestrel.ti,ab.
16	DRSP.ti,ab.
17	norpregnenes.ti,ab.
18	gestodene.ti,ab.
19	drospirenone.ti,ab.
20	levonorgestrel.ti,ab.
21	(norethisterone or norgestimate).ti,ab.
22	nandrolone.ti,ab.
23	dienogest.ti,ab.
24	etynodiol.ti,ab.
25	(hormonal adj3 contracept\$).ti,ab.
26	"combined oral contracepti\$".ti,ab.
27	COCP.ti,ab.
28	mini?pill.ti,ab.
29	progest#gen\$.ti,ab.
30	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranelle, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Logynon or Qlaira).ti,ab.
31	(combined adj oral adj3 contracept\$).ti,ab.
32	or/12-31
33	and/11,32
34	limit 33 to yr="2012 -Current"

#	Searches
1	exp DIABETES MELLITUS/
2	(T1DM or T2DM).ti,ab.
3	IDDM.ti,ab.
4	diabet\$.ti.
5	PREDIABETIC STATE/
6	prediabet\$.ti,ab.
7	impaired glucose tolerance.ti,ab.
8	IGT.ti,ab.
9	Impaired fasting glucose.ti,ab.
10	IFG.ti,ab.
11	Impaired glucose regulation.ti,ab.
12	IGR.ti,ab.
13	GLUCOSE INTOLERANCE/
14	or/1-13
15	CONTRACEPTIVES, ORAL/ or CONTRACEPTIVES, ORAL, COMBINED/ or CONTRACEPTIVES, ORAL, HORMONAL/ or CONTRACEPTIVES, ORAL, SEQUENTIAL/ or CONTRACEPTIVES, ORAL, SYNTHETIC/ or exp CONTRACEPTIVES, POSTCOITAL/
16	ETHINYL ESTRADIOL/ or ETHINYL ESTRADIOL-NORGESTREL COMBINATION/ or MESTRANOL/
17	ESTRADIOL/
18	ESTROGENS/ or ESTROGENS, NON-STEROIDAL/
19	PROGESTINS/
20	DESOGESTREL/
21	DRSP.ti,ab.
22	exp NORPREGNENES/
23	gestodene.ti,ab.
24	drospirenone.ti,ab.
25	levonorgestrel.ti,ab.
26	(norethisterone or norgestimate).ti,ab.
27	NANDROLONE/
28	dienogest.ti,ab.
29	etynodiol.ti,ab.
30	"combined oral contracepti\$.ti,ab.
31	COCP.ti,ab.
32	mini?pill.ti,ab.

33	progest#gen\$.ti,ab.
34	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranelle, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Qlaira).ti,ab.
35	(combined adj oral adj3 contracept\$).ti,ab.
36	or/15-35
37	and/14,36
38	limit 37 to yr="2012 -Current"

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to February 2014, EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2014
Search Strategy: **DiP_update_combined_oral_contraceptive_RERUN1_cdsrdare_200314**

#	Searches
1	DIABETES MELLITUS.kw.
2	(T1DM or T2DM).tw,tx.
3	IDDM.tw,tx.
4	diabet\$.ti.
5	PREDIABETIC STATE.kw.
6	prediabet\$.tw,tx.
7	impaired glucose tolerance.tw,tx.
8	IGT.tw,tx.
9	Impaired fasting glucose.tw,tx.
10	IFG.tw,tx.
11	Impaired glucose regulation.tw,tx.
12	IGR.tw,tx.
13	GLUCOSE INTOLERANCE.kw.
14	or/1-13
15	(CONTRACEPTIVES, ORAL or CONTRACEPTIVES, ORAL, COMBINED or CONTRACEPTIVES, ORAL, HORMONAL or CONTRACEPTIVES, ORAL, SEQUENTIAL or CONTRACEPTIVES, ORAL, SYNTHETIC or CONTRACEPTIVES, POSTCOITAL).kw.
16	(ETHINYL ESTRADIOL or ETHINYL ESTRADIOL-NORGESTREL COMBINATION or MESTRANOL).kw.
17	ESTRADIOL.kw.
18	(ESTROGENS or ESTROGENS, NON-STEROIDAL).kw.
19	PROGESTINS.kw.
20	DESOGESTREL.kw.

21	DRSP.tw,tx.
22	NORPREGNENES.kw.
23	gestodene.tw,tx.
24	drospirenone.tw,tx.
25	levonorgestrel.tw,tx.
26	(norethisterone or norgestimate).tw,tx.
27	NANDROLONE.kw.
28	dienogest.tw,tx.
29	etynodiol.tw,tx.
30	(hormonal adj3 contracept\$).tw,tx.
31	"combined oral contracepti\$".tw,tx.
32	COCP.tw,tx.
33	mini?pill.tw,tx.
34	progest#gen\$.tw,tx.
35	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranette, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Qlaira).tw,tx.
36	(combined adj oral adj3 contracept\$).tw,tx.
37	or/15-36
38	and/14,37
39	("2012" or "2013" or "2014").dp.
40	and/38-39

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2014

Search Strategy: **DiP_update_combined_oral_contraceptive_RERUN1_hta_200314**

#	Searches
1	exp DIABETES MELLITUS/
2	(T1DM or T2DM).tw.
3	IDDM.tw.
4	diabet\$.tw.
5	PREDIABETIC STATE/
6	prediabet\$.tw.
7	impaired glucose tolerance.tw.
8	IGT.tw.
9	Impaired fasting glucose.tw.
10	IFG.tw.
11	Impaired glucose regulation.tw.
12	IGR.tw.

13	GLUCOSE INTOLERANCE/
14	or/1-13
15	CONTRACEPTIVES, ORAL/ or CONTRACEPTIVES, ORAL, COMBINED/ or CONTRACEPTIVES, ORAL, HORMONAL/ or CONTRACEPTIVES, ORAL, SEQUENTIAL/ or CONTRACEPTIVES, ORAL, SYNTHETIC/ or exp CONTRACEPTIVES, POSTCOITAL/
16	ETHINYL ESTRADIOL/ or ETHINYL ESTRADIOL-NORGESTREL COMBINATION/ or MESTRANOL/
17	ESTRADIOL/
18	ESTROGENS/ or ESTROGENS, NON-STEROIDAL/
19	PROGESTINS/
20	DESOGESTREL/
21	DRSP.tw.
22	exp NORPREGNENES/
23	gestodene.tw.
24	drospirenone.tw.
25	levonorgestrel.tw.
26	(norethisterone or norgestimate).tw.
27	NANDROLONE/
28	dienogest.tw.
29	etynodiol.tw.
30	"combined oral contracepti\$.tw.
31	COCP.tw.
32	mini?pill.tw.
33	progest#gen\$.tw.
34	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranelle, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Qlaira).tw.
35	(combined adj oral adj3 contracept\$.tw.
36	or/15-35
37	and/14,36
38	limit 37 to yr="2012 -Current"

Database(s): Embase 1974 to 2014 March 19

Search Strategy: DiP_update_combined_oral_contraceptive_RERUN1_embase_200314

#	Searches
1	DIABETES MELLITUS/ or IMPAIRED GLUCOSE TOLERANCE/ or INSULIN DEPENDENT DIABETES MELLITUS/ or JUVENILE DIABETES MELLITUS/ or NON INSULIN DEPENDENT DIABETES MELLITUS/
2	(T1DM or T2DM).ti,ab.
3	(IDDM or NIDDM).ti,ab.
4	diabet\$.ti.
5	pre?diabet\$.ti,ab.
6	impaired fasting glucose.ti,ab.
7	(IGT or IFG).ti,ab.
8	IGR.ti,ab.
9	GLUCOSE INTOLERANCE/
10	or/1-9
11	exp ORAL CONTRACEPTIVE AGENT/
12	DIENOGEST PLUS ESTRADIOL VALERATE/
13	ESTRADIOL/
14	*ESTROGEN/
15	*GESTAGEN/
16	progestin?.ti,ab.
17	progest#gen\$.ti,ab.
18	(hormonal adj3 contracept\$).ti,ab.
19	"combined oral contracepti\$".ti,ab.
20	COCP.ti,ab.
21	mini?pill.ti,ab.
22	(Gedarel or Mercilon or Femodette or Millinette or Sunya or Loestrin or Marvelon or Yasmin or Katya or Levest or Microgynon, or Ovranette, or Rigevidon or Cilest or Brevinor or Ovysmen or Norimin or Norinyl or Femodene or Triadene or Logynon or Triregol or Binovum or Synphase or Trinovum or Qlaira).ti,ab.
23	(combined adj oral adj3 contracept\$).ti,ab.
24	or/11-23
25	and/10,24
26	CLINICAL TRIAL/ or "CLINICAL TRIAL (TOPIC)"/
27	(clinic\$ adj5 trial\$).tw,sh.
28	SINGLE BLIND PROCEDURE/
29	DOUBLE BLIND PROCEDURE/
30	RANDOM ALLOCATION/
31	CROSSOVER PROCEDURE/

32	PLACEBO/
33	placebo\$.tw,sh.
34	random\$.tw,sh.
35	RANDOMIZED CONTROLLED TRIAL/ or "RANDOMIZED CONTROLLED TRIAL (TOPIC)"/
36	((single or double or triple or treble) adj (blind\$ or mask\$)).tw,sh.
37	randomi?ed control\$ trial\$.tw.
38	or/26-37
39	META ANALYSIS/
40	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw,sh.
41	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.
42	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.
43	or/39-42
44	review.pt.
45	(medline or medlars or embase).ab.
46	(scisearch or science citation index).ab.
47	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.
48	((hand or manual\$) adj2 search\$).tw.
49	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.
50	(pooling or pooled or mantel haenszel).tw.
51	(peto or dersimonian or "der simonian" or fixed effect).tw.
52	or/45-51
53	and/44,52
54	exp CASE CONTROL STUDY/
55	RETROSPECTIVE STUDY/
56	(case\$ adj2 control\$).tw.
57	COHORT ANALYSIS/
58	LONGITUDINAL STUDY/
59	FOLLOW UP/
60	PROSPECTIVE STUDY/
61	cohort\$.tw.
62	or/54-61
63	or/38,43,53,62
64	(book or conference paper or editorial or letter or note or proceeding or short survey).pt.
65	63 not 64
66	COMPARATIVE STUDY/ or COMPARATIVE EFFECTIVENESS/ or DOSAGE SCHEDULE COMPARISON/ or exp DRUG COMPARISON/ or DRUG DOSAGE FORM COMPARISON/ or DRUG DOSE COMPARISON/ or INTERMETHOD COMPARISON/

67	and/25,65
68	and/25,66
69	or/67-68
70	limit 69 to english language
71	exp HORMONE SUBSTITUTION/
72	((hormone or oestrogen or estrogen) adj replacement therap?).ti,ab.
73	(HRT or EBHT).ti,ab.
74	or/71-73
75	70 not 74
76	limit 75 to yr="2012 -Current"

Search strategies – HbA_{1c} and blood glucose monitoring and target values

Review questions

What is the effectiveness of blood glucose monitoring in predicting adverse outcomes in women with type 1, type 2 or gestational diabetes during pregnancy?

What is the effectiveness of HbA_{1c} monitoring in predicting adverse outcomes in women with type 1, type 2 or gestational diabetes during pregnancy?

What are the target ranges for blood glucose in women with type 1 or type 2 diabetes who are planning pregnancy?

What are the target ranges for blood glucose in women with type 1, type 2 or gestational diabetes during pregnancy?

What is the target value for HbA_{1c} in women with type 1 or type 2 diabetes who are planning pregnancy?

What is the target value for HbA_{1c} in women with type 1, type 2 or gestational diabetes during pregnancy?

A single search was conducted to cover all six review questions.

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials March 2013
 Search Strategy: DiP_update_HbA1c_blood_glucose_HbA1c_monitor_values_cctr_260413

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/

8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	HYPERGLYCEMIA/
20	hyperglyc?emi?.ti,ab.
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).ti,ab.
24	PREGNANT WOMEN/
25	PRECONCEPTION CARE/
26	PRENATAL CARE/
27	pre?conception.ti,ab.
28	(pre adj conception).ti,ab.
29	pre?pregnancy.ti,ab.
30	(pre adj pregnancy).ti,ab.
31	(pre?natal\$ or pre?conception or ante?natal\$).ti,ab.
32	(pre adj natal\$).ti,ab.
33	(pre adj conception).ti,ab.
34	(ante adj natal\$).ti,ab.
35	or/22-34
36	and/21,35
37	or/5,36
38	BLOOD GLUCOSE/

39	(blood adj3 (glucose or sugar?)).ti,ab.
40	BLOOD GLUCOSE SELF-MONITORING/
41	BGSM.ti,ab.
42	(home glucose adj (test\$ or monitor\$)).ti,ab.
43	(self adj (test\$ or monitor\$)).ti,ab.
44	GLUCOSE TOLERANCE TEST/
45	OGTT.ti,ab.
46	(glucose adj (toleran\$ or test\$ or load\$)).ti,ab.
47	(fasting adj plasma adj glucose).ti,ab.
48	FPG.ti,ab.
49	HEMOGLOBIN A, GLYCOSYLATED/
50	HbA1c.ti,ab.
51	(h?emoglobin? adj3 glycosylat\$).ti,ab.
52	(glycated adj3 h?emoglobin?).ti,ab.
53	or/38-52
54	and/37,53
55	limit 54 to yr="2008 -Current"

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to March 2013, EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013
Search Strategy: DiP_update_HbA1c_blood_glucose_HbA1c_monitor_values_cdsrdare_260413

#	Searches
1	PREGNANCY IN DIABETICS.kw.
2	DIABETES, GESTATIONAL.kw.
3	(gestation\$ adj3 diabet\$).tw,tx.
4	GDM.tw,tx.
5	or/1-4
6	DIABETES MELLITUS.kw.
7	DIABETES INSIPIDUS.kw.
8	(T1DM or T2DM).tw,tx.
9	diabet\$.tw,tx.
10	PREDIABETIC STATE.kw.

11	prediabet\$.tw,tx.
12	impaired glucose tolerance.tw,tx.
13	IGT.tw,tx.
14	Impaired fasting glucose.tw,tx.
15	IFG.tw,tx.
16	Impaired glucose regulation.tw,tx.
17	IGR.tw,tx.
18	GLUCOSE INTOLERANCE.kw.
19	HYPERGLYCEMIA.kw.
20	hyperglyc?emi?.tw,tx.
21	or/6-20
22	PREGNANCY.kw.
23	(pregnan\$ or gestation\$).tw,tx.
24	PREGNANT WOMEN.kw.
25	PRECONCEPTION CARE.kw.
26	PRENATAL CARE.kw.
27	pre?conception.tw,tx.
28	(pre adj conception).tw,tx.
29	pre?pregnancy.tw,tx.
30	(pre adj pregnancy).tw,tx.
31	(pre?natal\$ or pre?conception or ante?natal\$).tw,tx.
32	(pre adj natal\$).tw,tx.
33	(pre adj conception).tw,tx.
34	(ante adj natal\$).tw,tx.
35	or/22-34
36	and/21,35
37	or/5,36
38	BLOOD GLUCOSE.kw.
39	(blood adj3 (glucose or sugar?)).tw,tx.
40	BLOOD GLUCOSE SELF-MONITORING.kw.
41	BGSM.tw,tx.

42	(home glucose adj (test\$ or monitor\$)).tw,tx.
43	(self adj (test\$ or monitor\$)).tw,tx.
44	GLUCOSE TOLERANCE TEST.kw.
45	OGTT.tw,tx.
46	(glucose adj (toleran\$ or test\$ or load\$)).tw,tx.
47	(fasting adj plasma adj glucose).tw,tx.
48	FPG.tw,tx.
49	HEMOGLOBIN A, GLYCOSYLATED.kw.
50	HbA1c.tw,tx.
51	(h?emoglobin? adj3 glycosylat\$).tw,tx.
52	(glycated adj3 h?emoglobin?).tw,tx.
53	or/38-52
54	and/37,53

Database(s): Embase 1974 to 2013 April 25

Search Strategy: DiP_update_HbA1c_blood_glucose_HbA1c_monitor_values_embase_250413

#	Searches
1	PREGNANCY DIABETES MELLITUS/ or MATERNAL DIABETES MELLITUS/
2	(gestation\$ adj3 diabet\$).ti,ab.
3	or/1-2
4	DIABETES MELLITUS/ or IMPAIRED GLUCOSE TOLERANCE/ or INSULIN DEPENDENT DIABETES MELLITUS/ or JUVENILE DIABETES MELLITUS/ or NON INSULIN DEPENDENT DIABETES MELLITUS/
5	(T1DM or T2DM).ti,ab.
6	(IDDM or NIDDM).ti,ab.
7	diabet\$.ti.
8	pre?diabet\$.ti,ab.
9	impaired fasting glucose.ti,ab.
10	(IGT or IFG).ti,ab.
11	IGR.ti,ab.
12	GLUCOSE INTOLERANCE/
13	HYPERGLYCEMIA/
14	hyperglyc?emi?.ti,ab.

15	or/4-14
16	PREGNANCY/ or PREGNANT WOMAN/
17	(pregnan\$ or gestation\$).ti,ab.
18	MATERNAL CARE/
19	pre?conception.ti,ab.
20	(pre adj conception).ti,ab.
21	pre?pregnancy.ti,ab.
22	(pre adj pregnancy).ti,ab.
23	PRENATAL CARE/
24	(pre?natal\$ or ante?natal\$).ti,ab.
25	(pre adj natal\$).ti,ab.
26	(ante adj natal\$).ti,ab.
27	or/16-26
28	and/15,27
29	or/3,28
30	BLOOD GLUCOSE MONITORING/
31	(blood adj3 (glucose or sugar?)).ti,ab.
32	BGSM.ti,ab.
33	GLUCOSE BLOOD LEVEL/
34	(home glucose adj (test\$ or monitor\$)).ti,ab.
35	(self adj (test\$ or monitor\$)).ti,ab.
36	GLUCOSE TOLERANCE TEST/ or GLUCOSE CLAMP TECHNIQUE/ or INTRAVENOUS GLUCOSE TOLERANCE TEST/ or ORAL GLUCOSE TOLERANCE TEST/
37	(glucose adj (test\$ or toleran\$ or load?)).ti,ab.
38	(fasting adj plasma adj glucose).ti,ab.
39	FPG.ti,ab.
40	HEMOGLOBIN A1c/
41	HbA1c.ti,ab.
42	(h?emoglobin? adj3 glycosylat\$).ti,ab.
43	(glycated adj3 h?emoglobin?).ti,ab.
44	or/30-43
45	and/29,44

46	conference abstract.pt.
47	letter.pt. or LETTER/
48	note.pt.
49	editorial.pt.
50	CASE REPORT/ or CASE STUDY/
51	(letter or comment* or abstracts).ti.
52	or/46-51
53	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
54	52 not 53
55	ANIMAL/ not HUMAN/
56	NONHUMAN/
57	exp ANIMAL EXPERIMENT/
58	exp EXPERIMENTAL ANIMAL/
59	ANIMAL MODEL/
60	exp RODENT/
61	(rat or rats or mouse or mice).ti.
62	or/54-61
63	45 not 62
64	limit 63 to english language
65	limit 64 to yr="2008 -Current"

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2013

Search Strategy: DiP_update_HbA1c_blood_glucose_HbA1c_monitor_values_hta_260413

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.

9	diabet\$.tw.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IQR.tw.
18	GLUCOSE INTOLERANCE/
19	HYPERGLYCEMIA/
20	hyperglyc?em?.tw.
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).tw.
24	PREGNANT WOMEN/
25	PRECONCEPTION CARE/
26	PRENATAL CARE/
27	pre?conception.tw.
28	(pre adj conception).tw.
29	pre?pregnancy.tw.
30	(pre adj pregnancy).tw.
31	(pre?natal\$ or pre?conception or ante?natal).tw.
32	(pre adj natal\$).tw.
33	(pre adj conception).tw.
34	(ante adj natal\$).tw.
35	or/22-34
36	and/21,35
37	or/5,36
38	BLOOD GLUCOSE/
39	(blood adj3 (glucose or sugar?)).tw.

40	BLOOD GLUCOSE SELF-MONITORING/
41	BGSM.tw.
42	(home glucose adj (test\$ or monitor\$)).tw.
43	(self adj (test\$ or monitor\$)).tw.
44	GLUCOSE TOLERANCE TEST/
45	OGTT.tw.
46	(glucose adj (toleran\$ or test\$ or load\$)).tw.
47	(fasting adj plasma adj glucose).tw.
48	FPG.tw.
49	HEMOGLOBIN A, GLYCOSYLATED/
50	HbA1c.tw.
51	(h?emoglobin? adj3 glycosylat\$).tw.
52	(glycated adj3 h?emoglobin?).tw.
53	or/38-52
54	and/37,53

Database(s): Ovid MEDLINE(R) 1946 to April Week 3 2013

Search Strategy: DiP_update_HbA1c_blood_glucose_HbA1c_monitor_values_medline_260413

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.

14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	HYPERGLYCEMIA/
20	hyperglyc?emi?.ti,ab.
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).ti,ab.
24	PREGNANT WOMEN/
25	PRECONCEPTION CARE/
26	PRENATAL CARE/
27	pre?conception.ti,ab.
28	(pre adj conception).ti,ab.
29	pre?pregnancy.ti,ab.
30	(pre adj pregnancy).ti,ab.
31	(pre?natal\$ or pre?conception or ante?natal\$).ti,ab.
32	(pre adj natal\$).ti,ab.
33	(pre adj conception).ti,ab.
34	(ante adj natal\$).ti,ab.
35	or/22-34
36	and/21,35
37	or/5,36
38	BLOOD GLUCOSE/
39	(blood adj3 (glucose or sugar?)).ti,ab.
40	BLOOD GLUCOSE SELF-MONITORING/
41	BGSM.ti,ab.
42	(home glucose adj (test\$ or monitor\$)).ti,ab.
43	(self adj (test\$ or monitor\$)).ti,ab.
44	GLUCOSE TOLERANCE TEST/

45	(glucose adj (toleran\$ or test\$ or load\$)).ti,ab.
46	OGTT.ti,ab.
47	(fasting adj plasma adj glucose).ti,ab.
48	FPG.ti,ab.
49	HEMOGLOBIN A, GLYCOSYLATED/
50	HbA1c.ti,ab.
51	(h?emoglobin? adj3 glycosylat\$).ti,ab.
52	(glycated adj3 h?emoglobin?).ti,ab.
53	or/38-52
54	and/37,53
55	LETTER/
56	EDITORIAL/
57	NEWS/
58	exp HISTORICAL ARTICLE/
59	ANECDOTES AS TOPIC/
60	COMMENT/
61	CASE REPORT/
62	(letter or comment* or abstracts).ti.
63	or/55-62
64	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
65	63 not 64
66	ANIMALS/ not HUMANS/
67	exp ANIMALS, LABORATORY/
68	exp ANIMAL EXPERIMENTATION/
69	exp MODELS, ANIMAL/
70	exp RODENTIA/
71	(rat or rats or mouse or mice).ti.
72	or/65-71
73	54 not 72
74	limit 73 to english language
75	limit 74 to yr="2008 -Current"

#	Searches
1	((gestation\$ or pregnan\$) adj3 diabet\$).ti,ab.
2	(diabet\$ or prediabet\$ or pre?diabet\$).ti,ab.
3	(T1DM or T2DM).ti,ab.
4	impaired glucose tolerance.ti,ab.
5	impaired fasting glucose.ti,ab.
6	impaired glucose regulation.ti,ab.
7	(IGT or IFG or IGR).ti,ab.
8	(glucose adj3 intoleran\$).ti,ab.
9	hyperglyc?emi?.ti,ab.
10	or/2-9
11	(pregnan\$ or gestation\$).ti,ab.
12	(pre?natal\$ or pre?conception or ante?natal\$).ti,ab.
13	(pre adj natal\$).ti,ab.
14	(pre adj conception).ti,ab.
15	(ante adj natal\$).ti,ab.
16	or/11-15
17	and/10,16
18	or/1,17
19	(blood adj3 (glucose or sugar?)).ti,ab.
20	(glucose adj3 (test\$ or monitor\$ or assess\$)).ti,ab.
21	OGTT.ti,ab.
22	(glucose adj (toleran\$ or test\$ or load\$)).ti,ab.
23	fasting plasma glucose.ti,ab.
24	FPG.ti,ab.
25	(h?emoglobin? adj3 glycosylat\$).ti,ab.
26	(glycated adj3 h?emoglobin?).ti,ab.
27	HbA1c.ti,ab.
28	or/19-27
29	and/18,28

What is the effectiveness of blood ketone monitoring compared with urine ketone monitoring for women with type 1 or type 2 diabetes who are planning pregnancy?

What is the effectiveness of blood ketone monitoring compared with urine ketone monitoring for women with type 1, type 2 or gestational diabetes during pregnancy?

Database(s): Ovid MEDLINE(R) 1946 to February Week 2 2014

Search Strategy: **DiP_update_ketone_monitoring_RERUN1_medline_260214**

#	Searches
1	randomized controlled trial.pt.
2	controlled clinical trial.pt.
3	DOUBLE BLIND METHOD/
4	SINGLE BLIND METHOD/
5	RANDOM ALLOCATION/
6	or/1-5
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.
8	clinical trial.pt.
9	exp CLINICAL TRIAL/
10	exp CLINICAL TRIALS AS TOPIC/
11	(clinic\$ adj5 trial\$).tw,sh.
12	PLACEBOS/
13	placebo\$.tw,sh.
14	random\$.tw,sh.
15	or/7-14
16	or/6,15
17	META ANALYSIS/
18	META ANALYSIS AS TOPIC/
19	meta analysis.pt.
20	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.
21	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.
22	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.
23	or/17-22
24	review\$.pt.
25	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.
26	((hand or manual\$) adj2 search\$).tw.
27	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.
28	(pooling or pooled or mantel haenszel).tw,sh.
29	(peto or dersimonian or der simonian or fixed effect).tw,sh.
30	or/25-29

31	and/24,30
32	exp CASE-CONTROL STUDIES/
33	(case\$ adj2 control\$).tw.
34	exp COHORT STUDIES/
35	cohort\$.tw.
36	or/32-35
37	or/16,23,31,36
38	exp PREGNANCY IN DIABETICS/
39	DIABETES, GESTATIONAL/
40	(diabet\$ adj3 (gestat\$ or pregnan\$ or gravid\$)).ti,ab.
41	GDM.ti,ab.
42	or/38-41
43	exp DIABETES MELLITUS/
44	exp DIABETES INSIPIDUS/
45	(T?1DM or T?2DM or IDDM or NIDDM).ti,ab.
46	diabet\$.ti.
47	PREDIABETIC STATE/
48	(prediabet\$ or pre diabet\$).ti,ab.
49	impaired glucose tolerance.ti,ab.
50	IGT.ti,ab.
51	(impaired fasting glucose or impaired fasting glyc?emi\$).ti,ab.
52	IFG.ti,ab.
53	Impaired glucose regulation.ti,ab.
54	IIGR.ti,ab.
55	(Non diabetic hyperglyc?emi# or nondiabetic hyperglyc?emi#).ti,ab.
56	NDH.ti,ab.
57	GLUCOSE INTOLERANCE/
58	(glucose adj2 intoleran\$).ti,ab.
59	or/43-58
60	PREGNANCY/
61	(pregnan\$ or gestat\$ or gravid\$).ti,ab.
62	PREGNANT WOMEN/
63	or/60-62
64	and/59,63
65	or/42,64
66	KETONES/ or KETONE BODIES/
67	3-HYDROXYBUTYRIC ACID/
68	(keton?e\$ or hyperketon?e\$ or ketonuria or hyperketonuria).ti,ab.
69	(ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB).ti,ab,nm.
70	exp KETOSIS/
71	(diabet\$ adj3 (ketogenesis or ketosis or ketoacido\$)).ti,ab.
72	DKA.ti,ab.
73	or/66-72

74	MONITORING, PHYSIOLOGIC/ or BLOOD GLUCOSE SELF-MONITORING/ or exp FETAL MONITORING/ or SELF CARE/
75	(self monitor\$ or monitor\$ or meter\$ or measur\$ or test\$ or screen\$ or determin\$ or assess\$ or surveillance or check\$).ti,ab.
76	or/74-75
77	and/73,76
78	((capillar\$ or blood\$ or plasma or serum or urine or urinary) adj5 (ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB)).ti,ab.
79	or/77-78
80	and/65,79
81	and/37,80
82	LETTER/
83	EDITORIAL/
84	NEWS/
85	exp HISTORICAL ARTICLE/
86	ANECDOTES AS TOPIC/
87	COMMENT/
88	CASE REPORT/
89	(letter or comment* or abstracts).ti.
90	or/82-89
91	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
92	90 not 91
93	ANIMALS/ not HUMANS/
94	exp ANIMALS, LABORATORY/
95	exp ANIMAL EXPERIMENTATION/
96	exp MODELS, ANIMAL/
97	exp RODENTIA/
98	(rat or rats or mouse or mice).ti.
99	or/92-98
100	81 not 99
101	limit 100 to english language
102	limit 101 to yr="2013 -Current"

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations** March 22, 2013

Search Strategy: DiP_update_ketone_monitoring_mip_250313

#	Searches
1	(diabet\$ adj3 (gestat\$ or pregnan\$ or gravid\$)).ti,ab.
2	GDM.ti,ab.
3	or/1-2

4	(T?1DM or T?2DM or IDDM or NIDDM).ti,ab.
5	diabet\$.ti.
6	(prediabet\$ or pre diabet\$).ti,ab.
7	impaired glucose tolerance.ti,ab.
8	IGT.ti,ab.
9	(impaired fasting glucose or impaired fasting glyc?emi\$).ti,ab.
10	IFG.ti,ab.
11	Impaired glucose regulation.ti,ab.
12	IGR.ti,ab.
13	(Non diabetic hyperglyc?emi# or nondiabetic hyperglyc?emi#).ti,ab.
14	NDH.ti,ab.
15	(glucose adj2 intoleran\$).ti,ab.
16	or/4-15
17	(pregnan\$ or gestat\$ or gravid\$).ti,ab.
18	and/16-17
19	or/3,18
20	(keton?e\$ or hyperketon?e\$ or ketonuria or hyperketonuria).ti,ab.
21	(ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB).ti,ab.
22	(diabet\$ adj3 (ketogenesis or ketosis or ketoacido\$)).ti,ab.
23	DKA.ti,ab.
24	or/20-23
25	(self monitor\$ or monitor\$ or meter\$ or measur\$ or test\$ or screen\$ or determin\$ or assess\$ or surveillance or check\$).ti,ab.
26	and/24-25
27	((capillar\$ or blood\$ or plasma or serum or urine or urinary) adj5 (ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB)).ti,ab.
28	or/26-27

29	and/19,28
----	-----------

Database(s): **EBM Reviews - Cochrane Central Register of Controlled Trials** February 2013

Search Strategy: DiP_update_ketone_monitoring_cctr_250313

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(diabet\$ adj3 (gestat\$ or pregnan\$ or gravid\$)).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T?1DM or T?2DM or IDDM or NIDDM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	(prediabet\$ or pre diabet\$).ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	(impaired fasting glucose or impaired fasting glyc?emi\$).ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	(Non diabetic hyperglyc?emi# or nondiabetic hyperglyc?emi#).ti,ab.
19	NDH.ti,ab.
20	GLUCOSE INTOLERANCE/
21	(glucose adj2 intoleran\$).ti,ab.
22	or/6-21
23	PREGNANCY/
24	(pregnan\$ or gestat\$ or gravid\$).ti,ab.
25	PREGNANT WOMEN/

26	or/23-25
27	and/22,26
28	or/5,27
29	KETONES/ or KETONE BODIES/
30	3-HYDROXYBUTYRIC ACID/
31	(keton?e\$ or hyperketon?e\$ or ketonuria or hyperketonuria).ti,ab.
32	(ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB).ti,ab.
33	exp KETOSIS/
34	(diabet\$ adj3 (ketogenesis or ketosis or ketoacido\$)).ti,ab.
35	DKA.ti,ab.
36	or/29-35
37	MONITORING, PHYSIOLOGIC/ or BLOOD GLUCOSE SELF-MONITORING/ or exp FETAL MONITORING/ or SELF CARE/
38	(self monitor\$ or monitor\$ or meter\$ or measur\$ or test\$ or screen\$ or determin\$ or assess\$ or surveillance or check\$).ti,ab.
39	or/37-38
40	and/36,39
41	((capillar\$ or blood\$ or plasma or serum or urine or urinary) adj5 (ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB)).ti,ab.
42	or/40-41
43	and/28,42
44	limit 43 to yr="2007 -Current"

Database(s): **EBM Reviews - Health Technology Assessment** 1st Quarter 2013

Search Strategy: DiP_update_ketone_monitoring_hta_250313

#	Searches
1	exp PREGNANCY IN DIABETICS/

2	DIABETES, GESTATIONAL/
3	(diabet\$ adj3 (gestat\$ or pregnan\$ or gravid\$)).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T?1DM or T?2DM or IDDM or NIDDM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	(prediabet\$ or pre diabet\$).tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	(impaired fasting glucose or impaired fasting glyc?emi\$).tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	(Non diabetic hyperglyc?emi# or nondiabetic hyperglyc?emi#).tw.
19	NDH.tw.
20	GLUCOSE INTOLERANCE/
21	(glucose adj2 intoleran\$).tw.
22	or/6-21
23	PREGNANCY/
24	(pregnan\$ or gestat\$ or gravid\$).tw.
25	PREGNANT WOMEN/
26	or/23-25
27	and/22,26
28	or/5,27
29	KETONES/ or KETONE BODIES/
30	3-HYDROXYBUTYRIC ACID/
31	(keton?e\$ or hyperketon?e\$ or ketonuria or hyperketonuria).tw.
32	(ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or

	betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB).tw.
33	exp KETOSIS/
34	((diabet\$ adj3 (ketogenesis or ketosis or ketoacido\$)).tw.
35	DKA.tw.
36	or/29-35
37	MONITORING, PHYSIOLOGIC/ or BLOOD GLUCOSE SELF-MONITORING/ or exp FETAL MONITORING/ or SELF CARE/
38	(self monitor\$ or monitor\$ or meter\$ or measur\$ or test\$ or screen\$ or determin\$ or assess\$ or surveillance or check\$).tw.
39	or/37-38
40	and/36,39
41	((capillar\$ or blood\$ or plasma or serum or urine or urinary) adj5 (ketone? or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or "3-hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or B OHB or BOHB or "3 OHB" or "3-OHB" or 3OHB or "3 HB" or "3-HB" or 3HB)).tw.
42	or/40-41
43	and/28,42
44	limit 43 to yr="2007 -Current"

Database(s): Embase 1974 to 2014 February 25

Search Strategy: **DiP_update_ketone_monitoring_RERUN1_embase_260214**

#	Searches
1	CLINICAL TRIALS/ or "CLINICAL TRIAL (TOPIC)"/
2	(clinic\$ adj5 trial\$).tw,sh.
3	SINGLE BLIND PROCEDURE/
4	DOUBLE BLIND PROCEDURE/
5	RANDOM ALLOCATION/
6	CROSSOVER PROCEDURE/
7	PLACEBO/
8	placebo\$.tw,sh.
9	random\$.tw,sh.

10	RANDOMIZED CONTROLLED TRIALS/
11	((single or double or triple or treble) adj (blind\$ or mask\$)).tw,sh.
12	randomi?ed control\$ trial\$.tw.
13	or/1-12
14	META ANALYSIS/
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw,sh.
16	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.
17	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.
18	or/14-17
19	review.pt.
20	(medline or medlars or embase).ab.
21	(scisearch or science citation index).ab.
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.
23	((hand or manual\$) adj2 search\$).tw.
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.
25	(pooling or pooled or mantel haenszel).tw.
26	(peto or dersimonian or "der simonian" or fixed effect).tw.
27	or/20-26
28	19 and 27
29	COMPARATIVE STUDY/
30	(compar\$ adj5 stud\$).tw.
31	CASE-CONTROL STUDY/
32	RETROSPECTIVE STUDY/
33	PROSPECTIVE STUDY/
34	COHORT STUDY/
35	(case\$ adj2 control\$).tw.
36	or/29-35
37	or/13,18,28,36
38	abstract report.tw,sh.
39	note.tw,sh.
40	short survey.tw,sh.
41	letter.tw,sh.
42	editorial.tw,sh.
43	or/38-42
44	37 not 43
45	exp PREGNANCY DIABETES MELLITUS/
46	((diabet\$ adj3 (gestation\$ or pregnan\$ or gravid\$)).ti,ab.
47	GDM.ti,ab.

48	or/45-47
49	exp DIABETES MELLITUS/
50	exp DIABETES INSIPIDUS/
51	diabet\$.ti.
52	(T?1DM or T?2DM).ti,ab.
53	(IDDM or NIDDM).ti,ab.
54	(prediabet\$ or pre diabet\$).ti,ab.
55	IMPAIRED GLUCOSE TOLERANCE/
56	IGT.ti,ab.
57	(impaired fasting glucose or impaired fasting glyc?emi\$).ti,ab.
58	IFG.ti,ab.
59	impaired glucose regulat\$.ti,ab.
60	IGR.ti,ab.
61	(Non diabetic hyperglyc?emi# or nondiabetic hyperglyc?emi#).ti,ab.
62	NDH.ti,ab.
63	GLUCOSE INTOLERANCE/
64	(glucose adj2 intoleran\$).ti,ab.
65	or/49-62
66	PREGNANCY/ or FIRST TRIMESTER PREGNANCY/ or PREGNANT WOMAN/ or SECOND TRIMESTER PREGNANCY/ or THIRD TRIMESTER PREGNANCY/
67	(pregnan\$ or gestation\$ or gravid\$).ti,ab.
68	or/66-67
69	and/65,68
70	or/48,69
71	KETOGENESIS/
72	KETONE/
73	KETONE BODY/
74	KETONURIA/
75	3 HYDROXYBUTYRIC ACID/
76	DIABETIC KETOACIDOSIS/
77	(keton?e\$ or hyperketon?e\$ or keton?ur\$ or hyperketon?e\$).ti,ab.
78	(hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or "B OHB" or 3OHB or "3 OHB" or BHB? or 3HB or "3 HB").ti,ab.
79	(diabet\$ adj3 (ketogenesis or ketosis or ketoacido\$)).ti,ab.
80	DKA.ti,ab.
81	or/71-80
82	PATIENT MONITORING/
83	FETUS MONITORING/

84	BLOOD GLUCOSE MONITORING/
85	SELF CARE/
86	(self monitor\$ or monitor\$ or meter\$ or measure\$ or test\$ or assess\$ or screen\$ or determin\$ or surveillance or check\$).ti,ab.
87	or/82-86
88	and/81,87
89	((capillar\$ or blood\$ or plasma or serum or urine or urinary) adj5 (keton\$ or hydroxy butyr\$ or hydroxybutyr\$ or beta hydroxybutyr\$ or betahydroxybutyr\$ or "3 hydroxybutyr\$" or 3hydroxybutyr\$ or OHB or beta OHB or betaOHB or "B OHB" or 3OHB or "3 OHB" or BHB? or 3HB or "3 HB")).ti,ab.
90	or/88-89
91	and/70,90
92	and/44,91
93	conference abstract.pt.
94	letter.pt. or LETTER/
95	note.pt.
96	editorial.pt.
97	CASE REPORT/ or CASE STUDY/
98	(letter or comment* or abstracts).ti.
99	or/93-98
100	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
101	99 not 100
102	ANIMAL/ not HUMAN/
103	NONHUMAN/
104	exp ANIMAL EXPERIMENT/
105	exp EXPERIMENTAL ANIMAL/
106	ANIMAL MODEL/
107	exp RODENT/
108	(rat or rats or mouse or mice).ti.
109	or/101-108
110	92 not 109
111	limit 110 to english language
112	limit 111 to yr="2013 -Current"

What is the effectiveness of the following procedures in detecting glucose intolerance in the first trimester diagnosed using a 75g oral glucose tolerance test (OGTT):

- risk factor based screening
- urine test for glycosuria
- random blood glucose test
- 50g oral glucose challenge test
- fasting blood glucose test
- HbA_{1c} test?

Database(s): Ovid MEDLINE(R) 1946 to February Week 2 2014

Search Strategy: **DiP_update_diagnosis_1st_2nd_trimester_RERUN1_medline_240214**

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	Non?diabetic hyperglyc?emi#.ti,ab.
19	NDH.ti,ab.
20	GLUCOSE INTOLERANCE/
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).ti,ab.
24	PREGNANT WOMEN/
25	or/22-24

26	and/21,25
27	or/5,26
28	RISK ASSESSMENT/ or RISK FACTORS/
29	MASS SCREENING/
30	screen\$.ti,ab.
31	or/29-30
32	and/28,31
33	(risk adj2 factor? adj2 screen\$.ti,ab.
34	or/32-33
35	exp GLYCOSURIA/
36	((glucose or sugar\$) adj2 urine).ti,ab.
37	GLUCOSE TOLERANCE TEST/
38	BLOOD GLUCOSE/an [Analysis]
39	((random or fast\$ or oral) adj2 blood glucose).ti,ab.
40	"oral glucose tolerance test".ti,ab.
41	(OGTT or FPG or IFG).ti,ab.
42	HEMOGLOBIN A, GLYCOSYLATED/
43	HbA1c.ti,ab.
44	((glycated or glycosylated) adj2 (haemoglobin or hemoglobin)).ti,ab.
45	MATERNAL SERUM SCREENING TESTS/
46	or/34-45
47	and/27,46
48	LETTER/
49	EDITORIAL/
50	NEWS/
51	exp HISTORICAL ARTICLE/
52	ANECDOTES AS TOPIC/
53	COMMENT/
54	CASE REPORT/
55	(letter or comment* or abstracts).ti.
56	or/48-55
57	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
58	56 not 57
59	ANIMALS/ not HUMANS/
60	exp ANIMALS, LABORATORY/
61	exp ANIMAL EXPERIMENTATION/
62	exp MODELS, ANIMAL/
63	exp RODENTIA/
64	(rat or rats or mouse or mice).ti.

65	or/58-64
66	47 not 65
67	limit 66 to english language
68	limit 67 to yr="2012 -Current"

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations** June 13, 2014

Search Strategy:**DiP_update_diagnosis_1st_2nd_trimester_mip_160614**

#	Searches
1	((gestation\$ or pregnan\$) adj3 diabet\$.ti,ab.
2	GDM.ti,ab.
3	or/1-2
4	(T1DM or T2DM).ti,ab.
5	diabet\$.ti,ab.
6	prediabet\$.ti,ab.
7	impaired glucose tolerance.ti,ab.
8	IGT.ti,ab.
9	Impaired fasting glucose.ti,ab.
10	IFG.ti,ab.
11	Impaired glucose regulation.ti,ab.
12	IGR.ti,ab.
13	Non?diabetic hyperglyc?emi#.ti,ab.
14	NDH.ti,ab.
15	(glucose adj (toleran\$ or intoleran\$)).ti,ab.
16	or/4-15
17	(pregnan\$ or gestation\$).ti,ab.
18	and/16-17
19	or/3,18
20	(risk adj2 factor? adj5 screen\$).ti,ab.
21	glycosuria.ti,ab.
22	((glucose or sugar\$) adj2 urine).ti,ab.
23	glucose tolerance test?.ti,ab.

24	((random or fast\$ or oral) adj2 blood glucose).ti,ab.
25	"oral glucose tolerance test".ti,ab.
26	(OGTT or FPG or IFG).ti,ab.
27	HbA1c.ti,ab.
28	((glycated or glycosylated) adj2 (haemoglobin or hemoglobin)).ti,ab.
29	or/20-28
30	and/19,29

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials January 2014
Search Strategy: **DiP_update_diagnosis_1st_2nd_trimester_RERUN1_cctr_240214**

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	Non?diabetic hyperglyc?emi#.ti,ab.
19	NDH.ti,ab.
20	GLUCOSE INTOLERANCE/
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).ti,ab.
24	PREGNANT WOMEN/

25	or/22-24
26	and/21,25
27	or/5,26
28	RISK ASSESSMENT/ or RISK FACTORS/
29	MASS SCREENING/
30	screen\$.ti,ab.
31	or/29-30
32	and/28,31
33	(risk adj2 factor? adj2 screen\$).ti,ab.
34	or/32-33
35	exp GLYCOSURIA/
36	((glucose or sugar\$) adj2 urine).ti,ab.
37	GLUCOSE TOLERANCE TEST/
38	BLOOD GLUCOSE/an [Analysis]
39	((random or fast\$ or oral) adj2 blood glucose).ti,ab.
40	"oral glucose tolerance test".ti,ab.
41	(OGTT or FPG or IFG).ti,ab.
42	HEMOGLOBIN A, GLYCOSYLATED/
43	HbA1c.ti,ab.
44	((glycated or glycosylated) adj2 (haemoglobin or hemoglobin)).i,ab.
45	MATERNAL SERUM SCREENING TESTS/
46	or/34-45
47	and/27,46
48	limit 47 to yr="2012 -Current"

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to December 2013, EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2014
Search Strategy: **DiP_update_diagnosis_1st_2nd_trimester_RERUN1_cdsrdare_240214**

#	Searches
1	PREGNANCY IN DIABETICS.kw.
2	DIABETES, GESTATIONAL.kw.
3	(gestation\$ adj3 diabet\$).tw,tx.
4	GDM.tw,tx.
5	or/1-4
6	DIABETES MELLITUS.kw.
7	DIABETES INSIPIDUS.kw.
8	(T1DM or T2DM).tw,tx.
9	diabet\$.ti.

10	PREDIABETIC STATE.kw.
11	prediabet\$.tw,tx.
12	impaired glucose tolerance.tw,tx.
13	IGT.tw,tx.
14	Impaired fasting glucose.tw,tx.
15	IFG.tw,tx.
16	Impaired glucose regulation.tw,tx.
17	IGR.tw,tx.
18	Non?diabetic hyperglyc?emi#.tw,tx.
19	NDH.tw,tx.
20	GLUCOSE INTOLERANCE.kw.
21	or/6-20
22	PREGNANCY.kw.
23	(pregnan\$ or gestation\$).tw,tx.
24	PREGNANT WOMEN.kw.
25	or/22-24
26	and/21,25
27	or/5,26
28	(RISK ASSESSMENT or RISK FACTORS).kw.
29	MASS SCREENING.kw.
30	screen\$.tw,tx.
31	or/29-30
32	and/28,31
33	(risk adj2 factor? adj2 screen\$).tw,tx.
34	or/32-33
35	GLYCOSURIA.kw.
36	((glucose or sugar\$) adj2 urine).ti,ab.
37	GLUCOSE TOLERANCE TEST.kw.
38	BLOOD GLUCOSE.kw.
39	((random or fast\$ or oral) adj2 blood glucose).tw,tx.
40	"oral glucose tolerance test".tw,tx.
41	(OGTT or FPG or IFG).tw,tx.
42	HEMOGLOBIN A, GLYCOSYLATED.kw.
43	HbA1c.tw,tx.
44	((glycated or glycosylated) adj (haemoglobin or hemoglobin)).tw,tx.
45	MATERNAL SERUM SCREENING TESTS.kw.
46	or/34-45
47	and/27,46
48	("2012" or "2013" or "2014").dp.

49	and/47-48
----	-----------

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2014
Search Strategy: **DiP_update_diagnosis_1st_2nd_trimester_RERUN1_hta_240214**

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	Non?diabetic hyperglyc?emi#.tw.
19	NDH.tw.
20	GLUCOSE INTOLERANCE/
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).tw.
24	PREGNANT WOMEN/
25	or/22-24
26	and/21,25
27	or/5,26
28	RISK ASSESSMENT/ or RISK FACTORS/
29	MASS SCREENING/
30	screen\$.tw.
31	or/29-30
32	and/28,31

33	(risk adj2 factor? adj2 screen\$).tw.
34	or/32-33
35	exp GLYCOSURIA/
36	((glucose or sugar\$) adj2 urine).ti,ab.
37	GLUCOSE TOLERANCE TEST/
38	BLOOD GLUCOSE/an [Analysis]
39	((random or fast\$ or oral) adj2 blood glucose).tw.
40	"oral glucose tolerance test".tw.
41	(OGTT or FPG or IFG).tw.
42	HEMOGLOBIN A, GLYCOSYLATED/
43	HbA1c.tw.
44	((glycated or glycosylated) adj2 (haemoglobin or hemoglobin)).tw.
45	MATERNAL SERUM SCREENING TESTS/
46	or/34-45
47	and/27,46
48	("2012" or "2013" or "2014").dp.
49	47 and 48

Which diagnostic criteria should be used to diagnose diabetes in pregnant women using a 75g OGTT: WHO or IADPSG?

Database(s): Ovid MEDLINE(R) 1946 to June Week 2 2012

Search Strategy: **DiP_update_WHO_IADPSG_medline_250612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.ti,ab.
2	IADPSG.ti,ab.
3	or/1-2
4	LETTER/
5	EDITORIAL/
6	NEWS/
7	exp HISTORICAL ARTICLE/
8	ANECDOTES AS TOPIC/
9	COMMENT/
10	CASE REPORT/
11	(letter or comment* or abstracts).ti.
12	or/4-11
13	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.

14	12 not 13
15	ANIMALS/ not HUMANS/
16	exp ANIMALS, LABORATORY/
17	exp ANIMAL EXPERIMENTATION/
18	exp MODELS, ANIMAL/
19	exp RODENTIA/
20	(rat or rats or mouse or mice).ti.
21	or/14-20
22	3 not 21
23	limit 22 to english language

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations June 25, 2012
Search Strategy: **DiP_update_WHO_IADPSG_mip_250612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.ti,ab.
2	IADPSG.ti,ab.
3	or/1-2

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials June 2012
Search Strategy: **DiP_update_WHO_IADPSG_ctr_250612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.ti,ab.
2	IADPSG.ti,ab.
3	or/1-2

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to June 2012,
EBM Reviews - Database of Abstracts of Reviews of Effects 2nd Quarter 2012
Search Strategy: **DiP_update_WHO_IADPSG_cdsrdare_250612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.tw,tx.
2	IADPSG.tw,tx.

3	or/1-2
---	--------

Database(s): EBM Reviews - Health Technology Assessment 2nd Quarter 2012

Search Strategy: **DiP_update_WHO_IADPSG_hta_270612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.tw,tx.
2	IADPSG.tw,tx.
3	or/1-2

Database(s): Embase 1974 to 2012 Week 25

Search Strategy: **DiP_update_WHO_IADPSG_embase_250612**

#	Searches
1	"International Association of the Diabetes and Pregnancy Study Group\$.ti,ab.
2	IADPSG.ti,ab.
3	or/1-2
4	conference abstract.pt.
5	letter.pt. or LETTER/
6	note.pt.
7	editorial.pt.
8	CASE REPORT/ or CASE STUDY/
9	(letter or comment* or abstracts).ti.
10	or/4-9
11	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
12	10 not 11
13	ANIMAL/ not HUMAN/
14	NONHUMAN/
15	exp ANIMAL EXPERIMENT/
16	exp EXPERIMENTAL ANIMAL/
17	ANIMAL MODEL/
18	exp RODENT/
19	(rat or rats or mouse or mice).ti.
20	or/12-19
21	3 not 20
22	limit 21 to english language

GM interventions - dietary advice, exercise, metformin, glibenclimide, insulin

Database(s): Ovid MEDLINE(R) 1946 to March Week 3 2014

Search Strategy: **DiP_update_GDM_interventions_RERUN1_medline_270314**

#	Searches
1	randomized controlled trial.pt.
2	controlled clinical trial.pt.
3	DOUBLE BLIND METHOD/
4	SINGLE BLIND METHOD/
5	RANDOM ALLOCATION/
6	or/1-5
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.
8	clinical trial.pt.
9	exp CLINICAL TRIAL/
10	exp CLINICAL TRIALS AS TOPIC/
11	(clinic\$ adj5 trial\$).tw,sh.
12	PLACEBOS/
13	placebo\$.tw,sh.
14	random\$.tw,sh.
15	or/7-14
16	or/6,15
17	META ANALYSIS/
18	META ANALYSIS AS TOPIC/
19	meta analysis.pt.
20	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.
21	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.
22	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.
23	or/17-22
24	review\$.pt.
25	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.
26	((hand or manual\$) adj2 search\$).tw.
27	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.
28	(pooling or pooled or mantel haenszel).tw,sh.
29	(peto or dersimonian or der simonian or fixed effect).tw,sh.
30	or/25-29
31	and/24,30
32	or/23,31
33	letter.pt.

34	case report.tw.
35	comment.pt.
36	editorial.pt.
37	historical article.pt.
38	or/33-37
39	32 not 38
40	16 not 38
41	32 not 38
42	or/40-41
43	DIABETES, GESTATIONAL/th, dh, dt [Therapy, Diet Therapy, Drug Therapy]
44	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).ti,ab.
45	GDM.ti,ab.
46	or/43-45
47	exp LIFE STYLE/
48	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).ti,ab.
49	WEIGHT LOSS/
50	WEIGHT REDUCTION PROGRAMS/
51	DIABETIC DIET/
52	DIET THERAPY/
53	DIET, REDUCING/
54	CALORIC RESTRICTION/
55	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).ti,ab.
56	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$ or reduc\$ or hypocalor\$)).ti,ab.
57	(weigh\$ adj3 (los\$ or reduc\$)).ti,ab.
58	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).ti,ab.
59	exp EXERCISE/
60	exp EXERCISE THERAPY/
61	exp EXERCISE MOVEMENT TECHNIQUES/
62	exp "PHYSICAL EDUCATION AND TRAINING"/
63	PHYSICAL FITNESS/
64	exp SPORTS/
65	(exercis\$ or sport\$ or kinesi?therap\$).ti,ab.
66	(physic\$ adj5 (activ\$ or fit\$)).ti,ab.
67	METFORMIN/
68	(metformin or glucophage or glucient or metsol or bolamyn or metabet).ti,ab.
69	GLYBURIDE/
70	(gl#bencl#mid? or gl#buride).ti,ab.
71	exp INSULIN/tu [Therapeutic Use]

72	exp INSULINS/tu [Therapeutic Use]
73	insulin\$.ti,ab.
74	or/47-73
75	and/46,74
76	limit 75 to english language
77	LETTER/
78	EDITORIAL/
79	NEWS/
80	exp HISTORICAL ARTICLE/
81	ANECDOTES AS TOPIC/
82	COMMENT/
83	CASE REPORT/
84	(letter or comment* or abstracts).ti.
85	or/77-84
86	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
87	85 not 86
88	ANIMALS/ not HUMANS/
89	exp ANIMALS, LABORATORY/
90	exp ANIMAL EXPERIMENTATION/
91	exp MODELS, ANIMAL/
92	exp RODENTIA/
93	(rat or rats or mouse or mice).ti.
94	or/87-93
95	76 not 94
96	and/42,95
97	limit 96 to yr="2012 -Current"

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations June 20, 2012

DiP_update_GDM_interventions_mip_210612

Search Strategy:

#	Searches
1	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).ti,ab.
2	GDM.ti,ab.
3	or/1-2
4	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).ti,ab.
5	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).ti,ab.
6	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$

	or reduc\$ or hypocalor\$)).ti,ab.
7	(weigh\$ adj3 (los\$ or reduc\$)).ti,ab.
8	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).ti,ab.
9	(exercis\$ or sport\$ or kinesi?therap\$).ti,ab.
10	(physic\$ adj5 (activ\$ or fit\$)).ti,ab.
11	(metformin or glucophage or glucient or metsol or bolamyn or metabet).ti,ab.
12	(gl#bencl#mid? or gl#buride).ti,ab.
13	insulin\$.ti,ab.
14	or/4-13
15	and/3,14

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials June 2012

DiP_update_GDM_interventions_ctr_200612

Search Strategy:

#	Searches
1	DIABETES, GESTATIONAL/
2	(diabet\$ adj3 (pregnan\$ or gestat\$)).kw.
3	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp LIFE STYLE/
7	(life style\$ or life?style\$).kw.
8	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).ti,ab.
9	WEIGHT LOSS/
10	WEIGHT REDUCTION PROGRAMS/
11	DIABETIC DIET/
12	DIET THERAPY/
13	DIET, REDUCING/
14	CALORIC RESTRICTION/
15	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).ti,ab,kw.
16	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$ or reduc\$ or hypocalor\$)).ti,ab,kw.
17	(weigh\$ adj3 (los\$ or reduc\$)).ti,ab,kw.
18	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).ti,ab,kw.
19	exp EXERCISE/
20	exp EXERCISE THERAPY/
21	exp EXERCISE MOVEMENT TECHNIQUES/
22	exp "PHYSICAL EDUCATION AND TRAINING"/

23	PHYSICAL FITNESS/
24	exp SPORTS/
25	(exercis\$ or sport\$ or kinesi?therap\$).ti,ab,kw.
26	(physic\$ adj5 (activ\$ or fit\$)).ti,ab,kw.
27	physical education.kw.
28	METFORMIN/
29	(metformin or glucophage or glucient or metsol or bolamyn or metabet).ti,ab,kw.
30	GLYBURIDE/
31	(gl#bencl#mid? or gl#buride).ti,ab,kw.
32	exp INSULIN/
33	exp INSULINS/
34	insulin\$.ti,ab,kw.
35	or/6-34
36	and/5,35

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to June 2012, EBM Reviews - Database of Abstracts of Reviews of Effects 2nd Quarter 2012

DiP_update_GDM_interventions_cdsrdare_210612

Search Strategy:

#	Searches
1	(diabet\$ adj3 (pregnan\$ or gestat\$)).kw.
2	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).tw,tx.
3	GDM.tw,tx.
4	or/1-3
5	(life style\$ or life?style\$).kw.
6	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).tw,tx.
7	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).tw,tx.
8	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$ or reduc\$ or hypocalor\$)).tw,tx.
9	(weigh\$ adj3 (los\$ or reduc\$)).tw,tx.
10	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).tw,tx.
11	(exercis\$ or sport\$ or kinesi?therap\$).tw,tx.
12	(physic\$ adj5 (activ\$ or fit\$)).tw,tx.
13	physical education.kw.
14	(metformin or glucophage or glucient or metsol or bolamyn or metabet).tw,tx.
15	(gl#bencl#mid? or gl#buride).tw,tx.
16	insulin\$.tw,tx.
17	or/5-16

18	and/4,17
----	----------

Database(s): EBM Reviews - Health Technology Assessment 2nd Quarter 2012

DiP_update_GDM_interventions_hta_210612

Search Strategy:

#	Searches
1	DIABETES, GESTATIONAL/
2	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).tw.
3	GDM.tw.
4	or/1-3
5	exp LIFE STYLE/
6	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).tw.
7	WEIGHT LOSS/
8	WEIGHT REDUCTION PROGRAMS/
9	DIABETIC DIET/
10	DIET THERAPY/
11	DIET, REDUCING/
12	CALORIC RESTRICTION/
13	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).tw.
14	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$ or reduc\$ or hypocalor\$)).tw.
15	(weigh\$ adj3 (los\$ or reduc\$)).tw.
16	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).tw.
17	exp EXERCISE/
18	exp EXERCISE THERAPY/
19	exp EXERCISE MOVEMENT TECHNIQUES/
20	exp "PHYSICAL EDUCATION AND TRAINING"/
21	PHYSICAL FITNESS/
22	exp SPORTS/
23	(exercis\$ or sport\$ or kinesi?therap\$).tw.
24	(physic\$ adj5 (activ\$ or fit\$)).tw.
25	METFORMIN/
26	(metformin or glucophage or glucient or metsol or bolamyn or metabet).tw.
27	GLYBURIDE/
28	(gl#bencl#mid? or gl#buride).tw.
29	exp INSULIN/
30	insulin\$.tw.
31	or/5-30

32	and/4,31
----	----------

Database(s): Embase 1974 to 2014 March 26

Search Strategy: **DiP_update_GDM_intervention_RERUN1_embase_270314**

#	Searches
1	CLINICAL TRIAL/ or "CLINICAL TRIAL (TOPIC)"/
2	(clinic\$ adj5 trial\$.ti,ab,sh.
3	SINGLE BLIND PROCEDURE/
4	DOUBLE BLIND PROCEDURE/
5	RANDOM ALLOCATION/
6	CROSSOVER PROCEDURE/
7	PLACEBO/
8	placebo\$.ti,ab,sh.
9	random\$.ti,ab,sh.
10	RANDOMIZED CONTROLLED TRIAL/ or "RANDOMIZED CONTROLLED TRIAL (TOPIC)"/
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.
12	randomi?ed control\$ trial\$.tw.
13	or/1-12
14	META ANALYSIS/
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.
18	or/14-17
19	review.pt.
20	(medline or medlars or embase).ab.
21	(scisearch or science citation index).ab.
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.
23	((hand or manual\$) adj2 search\$).tw.
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.
25	(pooling or pooled or mantel haenszel).tw.
26	(peto or dersimonian or "der simonian" or fixed effect).tw.
27	or/20-26
28	and/19,27
29	or/18,28
30	(book or conference paper or editorial or letter or note or proceeding or short survey).pt.
31	13 not 30

32	29 not 30
33	or/31-32
34	exp PREGNANCY DIABETES MELLITUS/th, dt [Therapy, Drug Therapy]
35	(diabet\$ adj3 ("pregnancy induced" or gestat\$ or gravid\$)).ti,ab.
36	GDM.ti,ab.
37	or/34-36
38	LIFESTYLE/
39	LIFESTYLE MODIFICATION/
40	((life style\$ or life?style\$) adj3 (modif\$ or chang\$ or advi\$ or therap\$)).ti,ab.
41	WEIGHT REDUCTION/
42	DIABETIC DIET/
43	DIET THERAPY/
44	DIET RESTRICTION/
45	LOW CALORY DIET/
46	CALORIC RESTRICTION/
47	(diet\$ adj2 (therap\$ or advi\$ or modif\$ or chang\$)).ti,ab.
48	(diet\$ adj5 (diabet\$ or carbohydrat\$ or fat\$ or weigh\$ or sugar\$ or glyc?em\$ or restrict\$ or reduc\$ or hypocalor\$)).ti,ab.
49	(weigh\$ adj3 (los\$ or reduc\$)).ti,ab.
50	((calori\$ or calory) adj3 (restrict\$ or reduc\$ or low)).ti,ab.
51	exp EXERCISE/
52	exp PHYSICAL ACTIVITY/
53	FITNESS/
54	exp KINESIOTHERAPY/
55	PHYSICAL EDUCATION/
56	exp SPORT/
57	(exercis\$ or sport\$ or kinesi?therap\$).ti,ab.
58	(physic\$ adj5 (activ\$ or fit\$)).ti,ab.
59	METFORMIN/
60	(metformin or glucophage or glucient or metsol or bolamyn or metabet).ti,ab.
61	GLIBENCLAMIDE/
62	(gl#bencl#mid? or gl#buride).ti,ab.
63	exp INSULIN DERIVATIVE/ct, dt [Clinical Trial, Drug Therapy]
64	insulin\$.ti,ab.
65	or/38-64
66	and/37,65
67	limit 66 to english language
68	conference abstract.pt.
69	letter.pt. or LETTER/

70	note.pt.
71	editorial.pt.
72	CASE REPORT/ or CASE STUDY/
73	(letter or comment* or abstracts).ti.
74	or/68-73
75	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
76	74 not 75
77	ANIMAL/ not HUMAN/
78	NONHUMAN/
79	exp ANIMAL EXPERIMENT/
80	exp EXPERIMENTAL ANIMAL/
81	ANIMAL MODEL/
82	exp RODENT/
83	(rat or rats or mouse or mice).ti.
84	or/76-83
85	67 not 84
86	and/33,85
87	limit 86 to yr="2012 -Current"

What is the effectiveness of continuous glucose monitoring in pregnant women with diabetes compared with intermittent capillary blood glucose monitoring?

Database(s): Ovid MEDLINE(R) 1946 to March Week 2 2013
Search Strategy:DiP_update_CGM_medline_260313

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.

16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).ti,ab.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	or/5,24
26	(continu\$ adj2 glucose monitor\$).ti,ab.
27	(ambulatory adj3 (glucose adj3 monitor\$)).ti,ab.
28	(CGM or CGMS or CBGM).ti,ab.
29	EXTRACELLULAR FLUID/
30	interstitial.ti,ab.
31	(home glucose adj (test\$ or monitor\$)).ti,ab.
32	(self adj (test\$ or monitor\$)).ti,ab.
33	BLOOD GLUCOSE SELF- MONITORING/
34	BGSM.ti,ab.
35	intermittent.ti,ab.
36	IGM.ti,ab.
37	(ICGM or ICBGM).ti,ab.
38	or/26-37
39	and/25,38
40	LETTER/
41	EDITORIAL/
42	NEWS/
43	exp HISTORICAL ARTICLE/
44	ANECDOTES AS TOPIC/
45	COMMENT/
46	CASE REPORT/
47	(letter or comment* or abstracts).ti.
48	or/40-47
49	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
50	48 not 49
51	ANIMALS/ not HUMANS/
52	exp ANIMALS, LABORATORY/
53	exp ANIMAL EXPERIMENTATION/
54	exp MODELS, ANIMAL/
55	exp RODENTIA/
56	(rat or rats or mouse or mice).ti.
57	or/50-56
58	39 not 57
59	limit 58 to english language
60	limit 59 to yr="2008 -Current"

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations March 26, 2013
Search Strategy:DiP_update_CGM_mip_270313

#	Searches
1	(gestation\$ adj3 diabet\$).ti,ab.
2	GDM.ti,ab.
3	(diabet\$ adj3 pregnan\$).ti,ab.
4	or/1-3
5	(T1DM or T2DM).ti,ab.
6	diabet\$.ti,ab.
7	prediabet\$.ti,ab.
8	impaired glucose tolerance.ti,ab.
9	IGT.ti,ab.
10	Impaired fasting glucose.ti,ab.
11	IFG.ti,ab.
12	Impaired glucose regulation.ti,ab.
13	IGR.ti,ab.
14	or/5-13
15	(pregnan\$ or gestation\$).ti,ab.
16	and/14-15
17	or/4,16
18	(continu\$ adj2 glucose monitor\$).ti,ab.
19	(ambulatory adj3 (glucose adj3 monitor\$)).ti,ab.
20	(CGM or CGMS or CBGM).ti,ab.
21	interstitial.ti,ab.
22	(home glucose adj (test\$ or monitor\$)).ti,ab.
23	(self adj (test\$ or monitor\$)).ti,ab.
24	("blood glucose" adj self adj monitor\$).ti,ab.
25	BGSM.ti,ab.
26	intermittent.ti,ab.
27	IGM.ti,ab.
28	(ICGM or ICBGM).ti,ab.
29	or/18-28
30	and/17,29

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials March 2013
Search Strategy:DiP_update_CGM_ctr_260313

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.

9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).ti,ab.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	or/5,24
26	(continu\$ adj2 glucose monitor\$).ti,ab.
27	(ambulatory adj3 (glucose adj3 monitor\$)).ti,ab.
28	(CGM or CGMS or CBGM).ti,ab.
29	EXTRACELLULAR FLUID/
30	interstitial.ti,ab.
31	(home glucose adj (test\$ or monitor\$)).ti,ab.
32	(self adj (test\$ or monitor\$)).ti,ab.
33	BLOOD GLUCOSE SELF- MONITORING/
34	BGSM.ti,ab.
35	intermittent.ti,ab.
36	IGM.ti,ab.
37	(ICGM or ICBGM).ti,ab.
38	or/26-37
39	and/25,38
40	limit 39 to yr="2008 -Current"

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to February 2013,
EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013
Search Strategy:DiP_update_CGM_cdsrdare_260313

#	Searches
1	PREGNANCY IN DIABETICS.kw.
2	DIABETES, GESTATIONAL.kw.
3	(gestation\$ adj3 diabet\$).tw,tx.
4	GDM.tw,tx.
5	or/1-4

6	DIABETES MELLITUS.kw.
7	DIABETES INSIPIDUS.kw.
8	(T1DM or T2DM).tw,tx.
9	diabet\$.tw,tx.
10	PREDIABETIC STATE.kw.
11	prediabet\$.tw,tx.
12	impaired glucose tolerance.tw,tx.
13	IGT.tw,tx.
14	Impaired fasting glucose.tw,tx.
15	IFG.tw,tx.
16	Impaired glucose regulation.tw,tx.
17	IQR.tw,tx.
18	GLUCOSE INTOLERANCE.kw.
19	or/6-18
20	PREGNANCY.kw.
21	(pregnan\$ or gestation\$).tw,tx.
22	PREGNANT WOMEN.kw.
23	or/20-22
24	and/19,23
25	or/5,24
26	(continu\$ adj2 glucose monitor\$).tw,tx.
27	(ambulatory adj3 (glucose adj3 monitor\$)).tw,tx.
28	(CGM or CGMS or CBGM).tw,tx.
29	EXTRACELLULAR FLUID.kw.
30	interstitial.tw,tx.
31	(home glucose adj (test\$ or monitor\$)).tw,tx.
32	(self adj (test\$ or monitor\$)).tw,tx.
33	BLOOD GLUCOSE SELF- MONITORING.kw.
34	BGSM.tw,tx.
35	intermittent.tw,tx.
36	IGM.tw,tx.
37	(ICGM or ICBGM).tw,tx.
38	or/26-37
39	and/25,38

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2013
Search Strategy:DiP_update_CGM_hta_270313

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/

8	(T1DM or T2DM).tw.
9	diabet\$.tw.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).tw.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	and/5,24
26	(continu\$ adj2 glucose monitor\$).tw.
27	(ambulatory adj3 (glucose adj3 monitor\$)).tw.
28	(CGM or CGMS or CBGM).tw.
29	EXTRACELLULAR FLUID/
30	interstitial.tw.
31	(home glucose adj (test\$ or monitor\$)).tw.
32	(self adj (test\$ or monitor\$)).tw.
33	BLOOD GLUCOSE SELF- MONITORING/
34	BGSM.tw.
35	intermittent.tw.
36	IGM.tw.
37	(ICGM or ICBGM).tw.
38	or/26-37
39	and/25,38

Database(s): Embase 1974 to 2013 April 12
Search Strategy: DiP_update_CGM_embase_150413

#	Searches
1	PREGNANCY DIABETES MELLITUS/ or MATERNAL DIABETES MELLITUS/
2	(gestation\$ adj3 diabet\$).ti,ab.
3	or/1-2
4	DIABETES MELLITUS/ or IMPAIRED GLUCOSE TOLERANCE/ or INSULIN DEPENDENT DIABETES MELLITUS/ or JUVENILE DIABETES MELLITUS/ or NON INSULIN DEPENDENT DIABETES MELLITUS/
5	(T1DM or T2DM).ti,ab.
6	(IDDM or NIDDM).ti,ab.
7	diabet\$.ti.

8	pre?diabet\$.ti,ab.
9	impaired fasting glucose.ti,ab.
10	(IGT or IFG).ti,ab.
11	IQR.ti,ab.
12	GLUCOSE INTOLERANCE/
13	or/4-12
14	PREGNANCY/ or PREGNANT WOMAN/
15	(pregnan\$ or gestation\$).ti,ab.
16	or/14-15
17	and/13,16
18	or/3,17
19	(continu\$ adj2 glucose monitor\$).ti,ab.
20	(ambulatory adj3 (glucose adj3 monitor\$)).ti,ab.
21	(CGM or CGMS or CBGM).ti,ab.
22	INTERSTITIAL FLUID/
23	(interstitial adj2 fluid?).ti,ab.
24	(home glucose adj (test\$ or monitor\$)).ti,ab.
25	(self adj (test\$ or monitor\$)).ti,ab.
26	BLOOD GLUCOSE MONITORING/
27	BGSM.ti,ab.
28	(intermittent adj3 monitor\$).ti,ab.
29	IGM.ti,ab.
30	(ICGM or ICBGM).ti,ab.
31	or/19-30
32	and/18,31
33	conference abstract.pt.
34	letter.pt. or LETTER/
35	note.pt.
36	editorial.pt.
37	CASE REPORT/ or CASE STUDY/
38	(letter or comment* or abstracts).ti.
39	or/33-38
40	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
41	39 not 40
42	ANIMAL/ not HUMAN/
43	NONHUMAN/
44	exp ANIMAL EXPERIMENT/
45	exp EXPERIMENTAL ANIMAL/
46	ANIMAL MODEL/
47	exp RODENT/
48	(rat or rats or mouse or mice).ti.
49	or/41-48
50	32 not 49
51	limit 50 to english language
52	limit 51 to yr="2008 -Current"

What is the effectiveness of specialist teams for pregnant women with diabetes compared to separate obstetric and endocrinology teams?

Database(s): Ovid MEDLINE(R) 1946 to December Week 4 2012
 Search Strategy:DiP_update_specialist_care_medline_070113

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	or/6-17
19	PREGNANCY/
20	(pregnan\$ or gestation\$).ti,ab.
21	PREGNANT WOMEN/
22	or/19-21
23	and/18,22
24	or/5,23
25	((unified or joint or combined or integrated or specialist or divided or centrali#ed) adj5 (care or clinic\$)).ti,ab.
26	(specialist adj3 (team\$ or clinic\$)).ti,ab.

27	("diabetes-obstetrical" adj clinic\$.ti,ab.
28	NURSE MIDWIVES/
29	COMMUNITY HEALTH NURSING/
30	and/28-29
31	(community adj (midwife or midwives or midwifery)).ti,ab.
32	or/25-27,30-31
33	and/24,32
34	LETTER/
35	EDITORIAL/
36	NEWS/
37	exp HISTORICAL ARTICLE/
38	ANECDOTES AS TOPIC/
39	COMMENT/
40	CASE REPORT/
41	(letter or comment* or abstracts).ti.
42	or/34-41
43	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
44	42 not 43
45	ANIMALS/ not HUMANS/
46	exp ANIMALS, LABORATORY/
47	exp ANIMAL EXPERIMENTATION/
48	exp MODELS, ANIMAL/
49	exp RODENTIA/
50	(rat or rats or mouse or mice).ti.
51	or/44-50
52	33 not 51

#	Searches
1	(pregnan\$ adj3 diabet\$).ti,ab.
2	(gestation\$ adj3 diabet\$).ti,ab.
3	GDM.ti,ab.
4	or/1-3
5	(T1DM or T2DM).ti,ab.
6	diabet\$.ti,ab.
7	prediabet\$.ti,ab.
8	impaired glucose tolerance.ti,ab.
9	IGT.ti,ab.
10	Impaired fasting glucose.ti,ab.
11	IFG.ti,ab.
12	Impaired glucose regulation.ti,ab.
13	IGR.ti,ab.
14	or/5-13
15	(pregnan\$ or gestation\$).ti,ab.
16	and/14-15
17	or/4,16
18	((unified or joint or combined or integrated or specialist or divided or centrali#ed) adj5 (care or clinic\$)).ti,ab.
19	(specialist adj3 (team\$ or clinic\$)).ti,ab.
20	("diabetes-obstetrical" adj clinic\$).ti,ab.
21	(community adj (midwife or midwives or midwifery)).ti,ab.
22	or/18-21
23	and/17,22

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials December 2012
Search Strategy: DiP_update_specialist_care_ctr_070113

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	or/6-17
19	PREGNANCY/
20	(pregnan\$ or gestation\$).ti,ab.
21	PREGNANT WOMEN/
22	or/19-21
23	and/18,22
24	or/5,23
25	((unified or joint or combined or integrated or specialist or divided or centrali#ed) adj5 (care or clinic\$)).ti,ab.
26	(specialist adj3 (team\$ or clinic\$)).ti,ab.
27	("diabetes-obstetrical" adj clinic\$).ti,ab.
28	NURSE MIDWIVES/
29	COMMUNITY HEALTH NURSING/

30	and/28-29
31	(community adj (midwife or midwives or midwifery)).ti,ab.
32	or/25-27,30-31
33	and/24,32

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to November 2012,
 EBM Reviews - Database of Abstracts of Reviews of Effects 4th Quarter 2012
 Search Strategy: DiP_update_specialist_care_cdsrdare_070113

#	Searches
1	PREGNANCY IN DIABETICS.kw.
2	DIABETES, GESTATIONAL.kw.
3	(gestation\$ adj3 diabet\$).tw,tx.
4	GDM.ti,ab.
5	or/1-4
6	DIABETES MELLITUS.kw.
7	DIABETES INSIPIDUS.kw.
8	(T1DM or T2DM).tw,tx.
9	diabet\$.tw,tx.
10	PREDIABETIC STATE.kw.
11	prediabet\$.tw,tx.
12	impaired glucose tolerance.tw,tx.
13	IGT.tw,tx.
14	Impaired fasting glucose.tw,tx.
15	IFG.tw,tx.
16	Impaired glucose regulation.tw,tx.
17	IGR.tw,tx.
18	or/6-17
19	PREGNANCY.kw.
20	(pregnan\$ or gestation\$).tw,tx.
21	PREGNANT WOMEN.kw.

22	or/19-21
23	and/18,22
24	or/5,23
25	((unified or joint or combined or integrated or specialist or divided or central#ed) adj5 (care or clinic\$)).tw,tx.
26	(specialist adj3 (team\$ or clinic\$)).tw,tx.
27	("diabetes-obstetrical" adj clinic\$).tw,tx.
28	NURSE MIDWIVES.kw.
29	COMMUNITY HEALTH NURSING.kw.
30	and/28-29
31	(community adj (midwife or midwives or midwifery)).tw,tx.
32	or/25-27,30-31
33	and/24,32

Database(s): EBM Reviews - Health Technology Assessment 4th Quarter 2012
Search Strategy: DiP_update_specialist_care_hta_070113

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.

15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	or/6-17
19	PREGNANCY/
20	(pregnan\$ or gestation\$).tw.
21	PREGNANT WOMEN/
22	or/19-21
23	and/18,22
24	or/5,23
25	((unified or joint or combined or integrated or specialist or divided or centrali#ed) adj5 (care or clinic\$)).tw.
26	(specialist adj3 (team\$ or clinic\$)).tw.
27	("diabetes-obstetrical" adj clinic\$).tw.
28	NURSE MIDWIVES/
29	COMMUNITY HEALTH NURSING/
30	and/28-29
31	(community adj (midwife or midwives or midwifery)).tw.
32	or/25-27,30-31
33	and/24,32

Database(s): Embase 1974 to 2013 January 07
Search Strategy: DiP_update_specialist_care_embase_080113

#	Searches
1	PREGNANCY DIABETES MELLITUS/ or MATERNAL DIABETES MELLITUS/
2	(gestation\$ adj3 diabet\$).ti,ab.
3	or/1-2
4	DIABETES MELLITUS/ or IMPAIRED GLUCOSE TOLERANCE/ or INSULIN DEPENDENT DIABETES MELLITUS/ or JUVENILE DIABETES MELLITUS/ or NON INSULIN DEPENDENT DIABETES MELLITUS/
5	(T1DM or T2DM).ti,ab.
6	(IDDM or NIDDM).ti,ab.

7	diabet\$.ti.
8	pre?diabet\$.ti,ab.
9	impaired fasting glucose.ti,ab.
10	(IGT or IFG).ti,ab.
11	IGR.ti,ab.
12	GLUCOSE INTOLERANCE/
13	or/4-12
14	PREGNANCY/ or PREGNANT WOMEN/
15	(pregnan\$ or gestation\$).ti,ab.
16	or/14-15
17	and/13,16
18	or/3,17
19	(specialist adj3 (team\$ or clinic\$)).ti,ab.
20	((unified or joint or combined or integrated or specialist or divided or centrali#ed) adj5 (care or clinic\$)).ti,ab.
21	NURSE MIDWIFE/
22	COMMUNITY HEALTH NURSING/
23	COMMUNITY/
24	or/22-23
25	and/21,24
26	(community adj3 (midwife or midwives or midwifery)).ti,ab.
27	("diabetes-obstetrical" adj clinic\$).ti,ab.
28	or/19-20,25-27
29	and/18,28
30	limit 29 to english language

DiP_update_specialist_care_cinahl_090113

Wednesday, January 09, 2013 8:53:43 AM

#	Query
S47	S27 AND S45
S46	S27 AND S45
S45	S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S42 OR S43 OR S44
S44	AB (community N3 midwi?e*)
S43	TI (community N3 midwi?e*)
S42	S40 AND S41
S41	(MH "COMMUNITY HEALTH NURSING+")
S40	(MH "Nurse Midwifery")
S39	TI (diabetes?obstetrical) or AB (diabetes?obstetrical)
S38	TI (centrali?ed N3 clinic*) or AB (centrali?ed N3 clinic*)
S37	TI (centrali?ed N3 care) or AB (central?ed care)
S36	AB (unified N3 clinic*) or AB (unified N3 clinic*)
S35	TI (unified N3 care) or AB (unified N3 care)
S34	TI (integrated N3 care*) or AB (integrated N3 care*)
S33	TI (integrated N3 clinic*) or AB (integrated N3 clinic*)
S32	TI (joint N3 care) or AB (joint N3 care)
S31	TI (joint N3 clinic*) or AB (joint N3 clinic*)
S30	TI (combined N3 care) or AB (combined N3 care)
S29	TI (specialist N3 clinic*) or AB (specialist N3 clinic*)
S28	TI (specialist N3 team*) or AB (specialist N3 team*)
S27	S5 OR S26
S26	S20 AND S25

S25	S21 OR S22 OR S23 OR S24
S24	(MH "EXPECTANT MOTHERS")
S23	AB (pregnan* or gestation*)
S22	TI (pregnan* or gestation*)
S21	(MH "PREGNANCY")
S20	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19
S19	(MH "GLUCOSE INTOLERANCE")
S18	AB (IGT or IFG or IGR)
S17	TI (IGT or IFG or IGR)
S16	AB ("impaired glucose regulation")
S15	TI ("impaired glucose regulation")
S14	AB ("impaired fasting glucose")
S13	TI ("impaired fasting glucose")
S12	AB ("impaired glucose tolerance")
S11	TI ("impaired glucose tolerance")
S10	TI (prediabet*) or AB (prediabet*)
S9	(MH "PREDIABETIC STATE")
S8	TI diabet*
S7	TI (T1DM) or TI (T2DM)
S6	(MH "DIABETES MELLITUS+")
S5	S1 OR S2 OR S3 OR S4
S4	TI (GDM) or AB (GDM)
S3	AB (diabet* N3 pregnan*) or AB (diabet* N3 gestat*) or AB (diabet* N3 gravid*)

S2	TI (diabet* N3 pregnan*) or TI (diabet* N3 gestat*) or TI (diabet* N3 gravid*)
S1	MH DIABETES MELLITUS, GESTATIONAL

What is the gestational age-specific risk of intrauterine death in pregnancies with type 1, type 2 or gestational diabetes, and the optimal timing of birth?

Database(s): Ovid MEDLINE(R) 1946 to February Week 2 2013
 Search Strategy:DiP_update_intrauterine_timing_medline_260213

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).ti,ab.
22	PREGNANT WOMEN/

23	or/20-22
24	and/19,23
25	or/5,24
26	FETAL DEATH/
27	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).ti,ab.
28	(intrauterine adj2 death).ti,ab.
29	STILLBIRTH/
30	IUFD.ti,ab.
31	(stillbirth or still?born).ti,ab.
32	INFANT MORTALITY/
33	((peri?natal\$ or neo?natal\$) adj3 (death? or dying or mortality or demise)).ti,ab.
34	LABOR, INDUCED/
35	((induct\$ or induc\$) adj3 lab?or).ti,ab.
36	((elective or planned) adj2 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).ti,ab.
37	exp DELIVERY, OBSTETRIC/
38	WATCHFUL WAITING/
39	(expectant adj3 (manag\$ or monitor\$)).ti,ab.
40	or/26-39
41	GESTATIONAL AGE/
42	(gestation\$ adj age?).ti,ab.
43	TIME FACTORS/
44	((time or timing) adj3 (birth or deliver\$ or induction or induced or cesarean? or caesarean or c?section?)).ti,ab.
45	((optimal or optimum) adj3 (time or timing)).ti,ab.
46	or/41-44
47	and/25,40,46
48	LETTER/
49	EDITORIAL/
50	NEWS/
51	exp HISTORICAL ARTICLE/
52	ANECDOTES AS TOPIC/
53	COMMENT/

54	CASE REPORT/
55	(letter or comment* or abstracts).ti.
56	or/48-55
57	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
58	56 not 57
59	ANIMALS/ not HUMANS/
60	exp ANIMALS, LABORATORY/
61	exp ANIMAL EXPERIMENTATION/
62	exp MODELS, ANIMAL/
63	exp RODENTIA/
64	(rat or rats or mouse or mice).ti.
65	or/58-64
66	47 not 65
67	limit 66 to english language
68	limit 67 to yr="2008 -Current"

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations February 25, 2013
Search Strategy:DiP_update_intrauterine_death_timing_mip_260213

#	Searches
1	(gestation\$ adj3 diabet\$).ti,ab.
2	GDM.ti,ab.
3	(diabet\$ adj3 pregnan\$).ti,ab.
4	or/1-3
5	(T1DM or T2DM).ti,ab.
6	diabet\$.ti,ab.
7	prediabet\$.ti,ab.
8	impaired glucose tolerance.ti,ab.
9	IGT.ti,ab.
10	Impaired fasting glucose.ti,ab.
11	IFG.ti,ab.

12	Impaired glucose regulation.ti,ab.
13	IQR.ti,ab.
14	or/5-13
15	(pregnan\$ or gestation\$).ti,ab.
16	and/14-15
17	or/4,16
18	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).ti,ab.
19	(intrauterine adj2 death).ti,ab.
20	IUFD.ti,ab.
21	(stillbirth or still?born).ti,ab.
22	((peri?natal\$ or neo?natal\$ or infant?) adj3 (death? or dying or mortality or demise)).ti,ab.
23	((induct\$ or induc\$) adj3 labo?r).ti,ab.
24	((elective or planned) adj5 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).ti,ab.
25	(obstetric adj3 deliver\$).ti,ab.
26	(watchful adj2 waiting).ti,ab.
27	(expectant adj3 (manag\$ or monitor\$)).ti,ab.
28	or/18-27
29	(gestation\$ adj age?).ti,ab.
30	((time or timing) adj3 (birth or deliver\$ or induction or inducted or cesarean? or caesarean or c?section?)).ti,ab.
31	((optimal or optimum) adj3 (time or timing)).ti,ab.
32	or/29-31
33	and/17,28,32

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials January 2013
Search Strategy:DIP_update_intrauterine_death_timing_cctr_280213

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).ti,ab.
4	GDM.ti,ab.
5	or/1-4

6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).ti,ab.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.ti,ab.
12	impaired glucose tolerance.ti,ab.
13	IGT.ti,ab.
14	Impaired fasting glucose.ti,ab.
15	IFG.ti,ab.
16	Impaired glucose regulation.ti,ab.
17	IGR.ti,ab.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).ti,ab.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	or/5,24
26	FETAL DEATH/
27	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).ti,ab.
28	(intrauterine adj2 death).ti,ab.
29	STILLBIRTH/
30	IUFD.ti,ab.
31	(stillbirth or still?born).ti,ab.
32	INFANT MORTALITY/
33	((peri?natal\$ or neo?natal\$) adj3 (death? or dying or mortality or demise)).ti,ab.
34	LABOR, INDUCED/
35	((induct\$ or induc\$) adj3 labo?r).ti,ab.
36	((elective or planned) adj2 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).ti,ab.

37	exp DELIVERY, OBSTETRIC/
38	WATCHFUL WAITING/
39	(expectant adj3 (manag\$ or monitor\$)).ti,ab.
40	or/26-39
41	GESTATIONAL AGE/
42	(gestation\$ adj age?).ti,ab.
43	TIME FACTORS/
44	((time or timing) adj3 (birth or deliver\$ or induction or induced or cesarean? or caesarean or c?section?)).ti,ab.
45	((optimal or optimum) adj3 (time or timing)).ti,ab.
46	or/41-44
47	and/25,40,46

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to January 2013, EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013
Search Strategy:DiP_update_intrauterine_death_timing_cdsrdare_280213

#	Searches
1	PREGNANCY IN DIABETICS.kw.
2	DIABETES, GESTATIONAL.kw.
3	(gestation\$ adj3 diabet\$).tw,tx.
4	GDM.tw,tx.
5	or/1-4
6	DIABETES MELLITUS.kw.
7	DIABETES INSIPIDUS.kw.
8	(T1DM or T2DM).tw,tx.
9	diabet\$.ti.
10	PREDIABETIC STATE.kw.
11	prediabet\$.tw,tx.
12	impaired glucose tolerance.tw,tx.
13	IGT.tw,tx.
14	Impaired fasting glucose.tw,tx.

15	IFG.tw,tx.
16	Impaired glucose regulation.tw,tx.
17	IGR.tw,tx.
18	GLUCOSE INTOLERANCE.kw.
19	or/6-18
20	PREGNANCY.kw.
21	(pregnan\$ or gestation\$).tw,tx.
22	PREGNANT WOMEN.kw.
23	or/20-22
24	and/19,23
25	or/5,24
26	FETAL DEATH.kw.
27	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).tw,tx.
28	(intrauterine adj2 death).tw,tx.
29	STILLBIRTH.kw.
30	IUFD.tw,tx.
31	(stillbirth or still?born).tw,tx.
32	[INFANT MORTALITY/]
33	((peri?natal\$ or neo?natal\$) adj3 (death? or dying or mortality or demise)).tw,tx.
34	LABOR, INDUCED.kw.
35	((induct\$ or induc\$) adj3 labo?r).tw,tx.
36	((elective or planned) adj2 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).tw,tx.
37	DELIVERY, OBSTETRIC.kw.
38	WATCHFUL WAITING.kw.
39	(expectant adj3 (manag\$ or monitor\$)).tw,tx.
40	or/26-39
41	GESTATIONAL AGE.kw.
42	(gestation\$ adj age?).tw,tx.
43	TIME FACTORS.kw.
44	((time or timing) adj3 (birth or deliver\$ or induction or inducted or cesarean? or caesarean or c?section?)).tw,tx.
45	((optimal or optimum) adj3 (time or timing)).tw,tx.

46	or/41-44
47	and/25,40,46

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2013
Search Strategy:DiP_update_intrauterine_death_timing_hta_280213

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).tw.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23

25	or/5,24
26	FETAL DEATH/
27	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).tw.
28	(intrauterine adj2 death).tw.
29	STILLBIRTH/
30	IUFD.tw.
31	(stillbirth or still?born).tw.
32	INFANT MORTALITY/
33	((peri?natal\$ or neo?natal\$) adj3 (death? or dying or mortality or demise)).tw.
34	LABOR, INDUCED/
35	((induct\$ or induc\$) adj3 labo?r).tw.
36	((elective or planned) adj2 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).tw.
37	exp DELIVERY, OBSTETRIC/
38	WATCHFUL WAITING/
39	(expectant adj3 (manag\$ or monitor\$)).tw.
40	or/26-39
41	GESTATIONAL AGE/
42	(gestation\$ adj age?).tw.
43	TIME FACTORS/
44	((time or timing) adj3 (birth or deliver\$ or induction or inducted or cesarean? or caesarean or c?section?)).tw.
45	((optimal or optimum) adj3 (time or timing)).tw.
46	or/41-44
47	and/25,40,46

Database(s): Embase 1974 to 2013 February 27
Search Strategy: DiP_update_intrauterine_death_timing_embase_270213

#	Searches
1	PREGNANCY DIABETES MELLITUS/ or MATERNAL DIABETES MELLITUS/
2	(gestation\$ adj3 diabet\$).ti,ab.
3	or/1-2
4	DIABETES MELLITUS/ or IMPAIRED GLUCOSE TOLERANCE/ or INSULIN DEPENDENT DIABETES MELLITUS/ or JUVENILE DIABETES MELLITUS/ or NON INSULIN DEPENDENT DIABETES MELLITUS/

5	(T1DM or T2DM).ti,ab.
6	(IDDM or NIDDM).ti,ab.
7	diabet\$.ti.
8	pre?diabet\$.ti,ab.
9	impaired fasting glucose.ti,ab.
10	(IGT or IFG).ti,ab.
11	IGR.ti,ab.
12	GLUCOSE INTOLERANCE/
13	or/4-12
14	PREGNANCY/ or PREGNANT WOMAN/
15	(pregnan\$ or gestation\$).ti,ab.
16	or/14-15
17	and/13,16
18	or/3,17
19	FETUS DEATH/ or STILLBIRTH/
20	((foetal or fetal or fetus\$ or foetus\$) adj (death or dying or demise)).ti,ab.
21	(intrauterine adj2 death).ti,ab.
22	IUFD.ti,ab.
23	(stillbirth or still?born).ti,ab.
24	((peri?natal\$ or neo?natal\$) adj3 (death? or dying or mortality or demise)).ti,ab.
25	NEWBORN DEATH/
26	LABOR INDUCTION/
27	((induct\$ or induc\$) adj3 lab?or).ti,ab.
28	((elective or planned) adj2 (birth? or deliver\$ or induct\$ or caesar#an\$ or cesar#an\$)).ti,ab.
29	exp DELIVERY/
30	WATCHFUL WAITING/
31	conservative treatment/ or watchful waiting/
32	(expectant adj3 (manag\$ or monitor\$)).ti,ab.
33	or/19-32
34	GESTATIONAL AGE/
35	(gestation\$ adj age?).ti,ab.

36	TIME/
37	((time or timing) adj3 (birth or deliver\$ or induction or inducted or cesarean? or caesarean or c?section?)).ti,ab.
38	((optimal or optimum) adj3 (time or timing)).ti,ab.
39	or/34-38
40	and/18,33,39
41	conference abstract.pt.
42	letter.pt. or LETTER/
43	note.pt.
44	editorial.pt.
45	CASE REPORT/ or CASE STUDY/
46	(letter or comment* or abstracts).ti.
47	or/41-46
48	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
49	47 not 48
50	ANIMAL/ not HUMAN/
51	NONHUMAN/
52	exp ANIMAL EXPERIMENT/
53	exp EXPERIMENTAL ANIMAL/
54	ANIMAL MODEL/
55	exp RODENT/
56	(rat or rats or mouse or mice).ti.
57	or/49-56
58	40 not 57
59	limit 58 to english language
60	limit 59 to yr="2008 -Current"

What is the effectiveness of the following tests in detecting glucose intolerance after pregnancy in women who have had gestational diabetes (but are not hyperglycaemic before they are transferred to community care):

- fasting plasma glucose test

- HbA_{1c} test
- 75 g oral glucose tolerance test (OGTT)?

What is the optimal timing of postnatal testing in detecting glucose intolerance after pregnancy in women who have had gestational diabetes (but are not hyperglycaemic before they are transferred to community care)?

A single search was conducted to cover both review questions.

Database(s): Ovid MEDLINE(R) 1946 to June Week 4 2012
 Search Strategy: DiP_update_postnatal_test_medline_090712_2

#	Searches
1	exp DIABETES, GESTATIONAL/
2	exp HYPERGLYCEMIA/
3	exp PREGNANCY/
4	PREGNANT WOMAN/
5	or/2-4
6	and/2,5
7	(glucose adj3 (intoleran\$ or dysregulat\$)).ti,ab.
8	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
9	(GDM or HGP).ti,ab.
10	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
11	(GDM or HGP or IGT or pre?diabet\$ or HAPO).ti,ab.
12	or/7-11
13	or/1,6,12
14	POSTPARTUM PERIOD/
15	POSTNATAL CARE/
16	(postnatal\$ or post?natal\$ or puerper\$ or post?partum).ti,ab.
17	((after or following) adj3 (birth\$ or deliver\$ or parturi\$)).ti,ab.
18	AFTERCARE/
19	after?care.ti,ab.
20	or/14-19
21	MASS SCREENING/
22	BLOOD GLUCOSE/
23	GLUCOSE TOLERANCE TEST/
24	HEMOGLOBIN A, GLYCOSYLATED/

25	(FPG or OGTT or HbA1c).ti,ab.
26	((glucose or blood sugar\$) adj5 (test\$ or assessment\$ or monitor\$)).ti,ab.
27	((fasting or oral) adj3 glucose).ti,ab.
28	(plasma adj3 glucose).ti,ab.
29	(glucose adj (level\$ or read\$ or monitor\$ or assess\$ or check\$)).ti,ab.
30	((glycosylated or glycated) adj3 h?emoglobin\$).ti,ab.
31	or/21-30
32	and/13,20,31
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	(rat or rats or mouse or mice).ti.
50	or/43-49
51	32 not 50
52	limit 51 to english language

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations July 06, 2012
Search Strategy: DiP_update_postnatal_test_mip_090712

#	Searches
---	----------

1	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
2	(glucose adj3 (impaired or dysregulat\$)).ti,ab.
3	(GDM or HGP or IGT or pre?diabet\$ or HAPO).ti,ab.
4	or/1-3
5	(postnatal\$ or post?natal\$ or puerper\$ or post?partum).ti,ab.
6	((after or following or post\$) adj3 (birth\$ or deliver\$ or parturi\$)).ti,ab.
7	after?care.ti,ab.
8	or/5-7
9	screen\$.ti,ab.
10	(FPG or OGTT or HbA1c).ti,ab.
11	((glucose or blood sugar\$) adj5 (test\$ or assessment\$ or monitor\$)).ti,ab.
12	((fasting or oral) adj3 glucose).ti,ab.
13	((plasma or blood) adj3 glucose).ti,ab.
14	(glucose adj (level\$ or read\$ or monitor\$ or assess\$ or check\$)).ti,ab.
15	((glycosylated or glycated) adj3 h?emoglobin\$).ti,ab.
16	or/9-15
17	and/4,8,16

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials June 2012
Search Strategy: DiP_update_postnatal_test_cctr_090712

#	Searches
1	exp DIABETES, GESTATIONAL/
2	exp HYPERGLYCEMIA/
3	(glucose adj3 (intoleran\$ or dysregulat\$)).ti,ab.
4	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
5	(GDM or HGP).ti,ab.
6	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
7	(GDM or HGP or IGT or pre?diabet\$ or HAPO).ti,ab.
8	or/1-7
9	POSTPARTUM PERIOD/
10	POSTNATAL CARE/
11	(postnatal\$ or post?natal\$ or puerper\$ or post?partum).ti,ab.

12	((after or following) adj3 (birth\$ or deliver\$ or parturi\$)).ti,ab.
13	AFTERCARE/
14	after?care.ti,ab.
15	or/9-14
16	MASS SCREENING/
17	BLOOD GLUCOSE/
18	GLUCOSE TOLERANCE TEST/
19	HEMOGLOBIN A, GLYCOSYLATED/
20	(FPG or OGTT or HbA1c).ti,ab.
21	((glucose or blood sugar\$) adj5 (test\$ or assessment\$ or monitor\$)).ti,ab.
22	((fasting or oral) adj3 glucose).ti,ab.
23	(plasma adj3 glucose).ti,ab.
24	(glucose adj (level\$ or read\$ or monitor\$ or assess\$ or check\$)).ti,ab.
25	((glycosylated or glycated) adj3 h?emoglobin\$).ti,ab.
26	or/16-25
27	and/8,15,26

Database(s): EBM Reviews - Cochrane Database of Systematic Reviews 2005 to June 2012, EBM Reviews - Database of Abstracts of Reviews of Effects 2nd Quarter 2012
Search Strategy: DiP_update_postnatal_test_cdsrdare_090712

#	Searches
1	DIABETES, GESTATIONAL.kw.
2	HYPERGLYCEMIA.kw.
3	(glucose adj3 (intoleran\$ or dysregulat\$)).tw,tx.
4	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).tw,tx.
5	(GDM or HGP).tw,tx.
6	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).tw,tx.
7	(GDM or HGP or IGT or pre?diabet\$ or HAPO).tw,tx.
8	or/1-7
9	POSTPARTUM PERIOD.kw.
10	POSTNATAL CARE.kw.
11	(postnatal\$ or post?natal\$ or puerper\$ or post?partum).tw,tx.

12	((after or following) adj3 (birth\$ or deliver\$ or parturi\$)).tw,tx.
13	AFTERCARE.tw.
14	after?care.tw,tx.
15	or/9-14
16	MASS SCREENING.kw.
17	BLOOD GLUCOSE.kw.
18	GLUCOSE TOLERANCE TEST.kw.
19	HEMOGLOBIN A, GLYCOSYLATED.kw.
20	(FPG or OGTT or HbA1c).tw,tx.
21	((glucose or blood sugar\$) adj5 (test\$ or assessment\$ or monitor\$)).tw,tx.
22	((fasting or oral) adj3 glucose).tw,tx.
23	(plasma adj3 glucose).tw,tx.
24	(glucose adj (level\$ or read\$ or monitor\$ or assess\$ or check\$)).tw,tx.
25	((glycosylated or glyated) adj3 h?emoglobin\$).tw,tx.
26	or/16-25
27	and/8,15,26

Database(s): EBM Reviews - Health Technology Assessment 1st Quarter 2014
Search Strategy: DiP_update_postnatal_test_RERUN1_hta_270214

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.tw.
10	PREDIABETIC STATE/
11	prediabet\$.tw.

12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	GLUCOSE INTOLERANCE/
19	HYPERGLYCEMIA/
20	hyperglyc?em?.tw.
21	or/6-20
22	PREGNANCY/
23	(pregnan\$ or gestation\$).tw.
24	PREGNANT WOMEN/
25	PRECONCEPTION CARE/
26	PRENATAL CARE/
27	pre?conception.tw.
28	(pre adj conception).tw.
29	pre?pregnancy.tw.
30	(pre adj pregnancy).tw.
31	(pre?natal\$ or pre?conception or ante?natal).tw.
32	(pre adj natal\$).tw.
33	(pre adj conception).tw.
34	(ante adj natal\$).tw.
35	or/22-34
36	and/21,35
37	or/5,36
38	BLOOD GLUCOSE/
39	(blood adj3 (glucose or sugar?)).tw.
40	BLOOD GLUCOSE SELF-MONITORING/
41	BGSM.tw.
42	(home glucose adj (test\$ or monitor\$)).tw.

43	(self adj (test\$ or monitor\$)).tw.
44	GLUCOSE TOLERANCE TEST/
45	OGTT.tw.
46	(glucose adj (toleran\$ or test\$ or load\$)).tw.
47	(fasting adj plasma adj glucose).tw.
48	FPG.tw.
49	HEMOGLOBIN A, GLYCOSYLATED/
50	HbA1c.tw.
51	(h?emoglobin? adj3 glycosylat\$).tw.
52	(glycated adj3 h?emoglobin?).tw.
53	or/38-52
54	and/37,53

Database(s): Embase 1974 to 2012 July 06
Search Strategy: DiP_update_postnatal_test_embase_090712

#	Searches
1	PREGNANCY DIABETES MELLITUS/
2	IMPAIRED GLUCOSE TOLERANCE/
3	HYPERGLYCEMIA/
4	((diabet\$ or hyperglyc?emi\$) adj3 (gestat\$ or pregnan\$)).ti,ab.
5	(GDM or HGP or IGT or pre?diabet\$ or HAPO).ti,ab.
6	or/1-5
7	PUERPERIUM/
8	POSTNATAL CARE/
9	(postnatal\$ or post?natal\$ or puerper\$ or post?partum).ti,ab.
10	((after or follow\$) adj3 (birth\$ or deliver\$ or parturi\$)).ti,ab.
11	AFTERCARE/
12	after?care.ti,ab.
13	or/7-12
14	MASS SCREENING/

15	GLUCOSE BLOOD LEVEL/
16	exp GLUCOSE TOLERANCE TEST/
17	GLYCOSYLATED HEMOGLOBIN/
18	((FPG or OGTT or HbA1c).ti,ab.
19	((glucose or blood sugar\$) adj5 (test\$ or assess\$ or monitor\$)).ti,ab.
20	((fast\$ or oral) adj3 glucose).ti,ab.
21	((glycosylated or glycated) adj3 h?emoglobin).ti,ab.
22	or/14-21
23	and/6,13,22
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
42	limit 41 to english language

Health Economic Searches (population-only)

Database(s): Ovid MEDLINE(R) 1946 to November Week 2 2012
 Search Strategy: **DiP_update_population_search_HE_medline_151112**

#	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	exp PREGNANCY IN DIABETICS/
23	DIABETES, GESTATIONAL/
24	(gestation\$ adj3 diabet\$).ti,ab.
25	GDM.ti,ab.
26	or/22-25
27	exp DIABETES MELLITUS/
28	exp DIABETES INSIPIDUS/
29	(T1DM or T2DM).ti,ab.
30	diabet\$.ti.
31	PREDIABETIC STATE/
32	prediabet\$.ti,ab.
33	impaired glucose tolerance.ti,ab.
34	IGT.ti,ab.
35	Impaired fasting glucose.ti,ab.

36	IFG.ti,ab.
37	Impaired glucose regulation.ti,ab.
38	IGR.ti,ab.
39	GLUCOSE INTOLERANCE/
40	or/27-39
41	PREGNANCY/
42	(pregnan\$ or gestation\$).ti,ab.
43	PREGNANT WOMEN/
44	or/41-43
45	and/40,44
46	or/26,45
47	and/21,46
48	LETTER/
49	EDITORIAL/
50	NEWS/
51	exp HISTORICAL ARTICLE/
52	ANECDOTES AS TOPIC/
53	COMMENT/
54	CASE REPORT/
55	(letter or comment* or abstracts).ti.
56	or/48-55
57	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
58	56 not 57
59	ANIMALS/ not HUMANS/
60	exp ANIMALS, LABORATORY/
61	exp ANIMAL EXPERIMENTATION/
62	exp MODELS, ANIMAL/
63	exp RODENTIA/
64	(rat or rats or mouse or mice).ti.
65	or/58-64
66	47 not 65
67	limit 66 to english language

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials November 2012
Search Strategy: **DiP_update_population_search_HE_ctr_151112**

#	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	exp PREGNANCY IN DIABETICS/
23	DIABETES, GESTATIONAL/
24	(gestation\$ adj3 diabet\$).ti,ab.
25	GDM.ti,ab.
26	or/22-25
27	exp DIABETES MELLITUS/
28	exp DIABETES INSIPIDUS/
29	(T1DM or T2DM).ti,ab.
30	diabet\$.ti.
31	PREDIABETIC STATE/
32	prediabet\$.ti,ab.
33	impaired glucose tolerance.ti,ab.
34	IGT.ti,ab.
35	Impaired fasting glucose.ti,ab.
36	IFG.ti,ab.
37	Impaired glucose regulation.ti,ab.
38	IGR.ti,ab.
39	GLUCOSE INTOLERANCE/

40	or/27-39
41	PREGNANCY/
42	(pregnan\$ or gestation\$).ti,ab.
43	PREGNANT WOMEN/
44	or/41-43
45	and/40,44
46	or/26,45
47	and/21,46

Database(s): EBM Reviews - Health Technology Assessment 4th Quarter 2012
Search Strategy: **EBM Reviews - Health Technology Assessment 4th Quarter 2012**

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).tw.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	or/5,24

Database(s): EBM Reviews - NHS Economic Evaluation Database 4th Quarter 2012
 Search Strategy: **DiP_update_population_search_HE_nhseed_151112**

#	Searches
1	exp PREGNANCY IN DIABETICS/
2	DIABETES, GESTATIONAL/
3	(gestation\$ adj3 diabet\$).tw.
4	GDM.tw.
5	or/1-4
6	exp DIABETES MELLITUS/
7	exp DIABETES INSIPIDUS/
8	(T1DM or T2DM).tw.
9	diabet\$.ti.
10	PREDIABETIC STATE/
11	prediabet\$.tw.
12	impaired glucose tolerance.tw.
13	IGT.tw.
14	Impaired fasting glucose.tw.
15	IFG.tw.
16	Impaired glucose regulation.tw.
17	IGR.tw.
18	GLUCOSE INTOLERANCE/
19	or/6-18
20	PREGNANCY/
21	(pregnan\$ or gestation\$).tw.
22	PREGNANT WOMEN/
23	or/20-22
24	and/19,23
25	or/5,24

Database(s): Embase 1980 to 2012 Week 46
 Search Strategy: **DiP_update_population_search_HE_embase_191112**

#	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	exp PREGNANCY DIABETES MELLITUS/
19	gestational diabet\$.ti,ab.
20	GDM.ti,ab.
21	or/18-20
22	exp DIABETES MELLITUS/
23	diabet\$.ti.
24	(T?1DM or T?2DM).ti,ab.
25	(IDDM or NIDDM).ti,ab.
26	IMPAIRED GLUCOSE TOLERANCE/
27	IGT.ti,ab.
28	impaired fasting glucose.ti,ab.
29	IFG.ti,ab.
30	impaired glucose regulat\$.ti,ab.
31	IGR.ti,ab.
32	GLUCOSE INTOLERANCE/
33	or/22-32
34	PREGNANCY/ or FIRST TRIMESTER PREGNANCY/ or PREGNANT WOMAN/ or SECOND TRIMESTER PREGNANCY/ or THIRD TRIMESTER PREGNANCY/
35	(pregnan\$ or gestation\$).ti,ab.
36	or/34-35
37	and/33,36
38	or/21,37
39	and/17,38
40	limit 39 to english language

