

Early submission

Epilepsies in children, young people and adults

Literature search strategies

NICE guideline tbc

Literature search strategies

September 2021

Early submission

*Developed by the National Guideline
Alliance part of the Royal College of
Obstetricians and Gynaecologists*

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Local commissioners and/or providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

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ISBN:

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Literature search strategies

A. What is the yield of relevant abnormalities detected by MRI in people with epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to November 25, 2019; Embase Classic+Embase 1947 to 2019 November 25; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2019 November 25, 2019

Date of last search: 25 November 2019

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ use ppez, emczd, emcr or epilep*.ti,ab.
2	((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*)) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or seizure* or spasm*)) or (benign adj3 convulsion* adj2 centrotemporal adj2 spike*) or ((centralopathic or centrotemporal or temporal-central focal) adj (convulsion* or seizure*)) or continuous spike wave of slow sleep or doose* or dravet or ((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or hypsarrhythmia* or infant* spasm* or ((jackknife or jack nife or lightning or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or (landau adj2 kleffner) or lennox gastaut or massive myoclonia or (myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or seizure* or spasm*)) or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
3	(bcects or bects or brec or cects or lgs or mae or smei).ti,ab.
4	or/1-3
5	seizure*.ti,ab,hw. or (convulsion* or fits or jerk* or spasm*).ti,ab.
6	4 and 5
7	exp magnetic resonance imaging/ use ppez or exp nuclear magnetic resonance imaging/ use emczd, emcr
8	(magnetic resonance or mri or mrs or nmr* or ((magnet* or mr or nuclear or nm) adj2 (angiogra* or elastogra* or examin* or imag* or scan* or spectroscop* or tomogra* or tomoangiogra*))).ti,ab.
9	or/7-8
10	brain injuries/ use ppez or exp brain injury/ use emczd, emcr or ((brain* or cerebral) adj2 (abnormal* or damage or lesion* or malformation*)).ti,ab.
11	exp encephalomalacia/ use ppez, emczd, emcr or ((brain adj (malacia or softening)) or cerebromalacia* or encephalomalacia* or scarring).ti,ab.
12	exp hemorrhage/ or (bleeding or (blood adj (effusion or loss)) or ha?morrhag* or he?morrhag*).ti,ab.
13	infarction/ use ppez, emczd, emcr or (infarct* or ((thrombo embolic or thromboembolic) adj accident)).ti,ab.
14	calcification*.hw. or calcification.ti,ab.
15	exp vascular malformations/ use ppez or exp congenital blood vessel malformation/ use emczd, emcr or ((vascular adj (abnormal* or malformation*)) or ((arteriovenous or arterio venous) adj malformation) or avm).ti,ab.
16	exp hydrocephalus/ use ppez, emczd, emcr or (aqueductal stenosis or cerebral ventriculomegal* or hydrocephal*).ti,ab.
17	exp edema/ use ppez, emczd, emcr or (anasarca or dropsy or hydrops or oedema* or edema* or tissue swelling).ti,ab.
18	exp brain neoplasms/ use ppez or meningioma/ use ppez, emczd, emcr or exp brain tumor/ use emczd, emcr
19	((brain or cerebral or intracranial or meninges or midline) adj2 (cancer* or metastases or neoplasm* or tumor* or tumour*)) or cerebroma* or meningioma*).ti,ab.
20	posterior leukoencephalopathy syndrome/ use ppez or posterior reversible encephalopathy syndrome/ use emczd, emcr or ((posterior adj (leukoencephalopath* or leuko encephalopath*)) or (posterior adj2 reversible encephalopath*)) or pres or rpls).ti,ab.
21	exp vasculitis/ use ppez, emczd, emcr or (angiitis or vasculiti*).ti,ab.

#	searches
22	exp sinus thrombosis, intracranial/ use ppez or cerebral sinus thrombosis/ use emczd, emcr or (cerebral venous sinus thrombosis or cvst).ti,ab.
23	exp cicatrix/ use ppez or exp scar/ use emczd, emcr or (cicatri?ation or scar*1 or scarring).ti,ab.
24	gliosis/ use ppez, emczd, emcr or (glios?s or gliomatosis or microgliosis).ti,ab.
25	(hippocampus and sclerosis).sh. or ((hippocampal or ammon horn or hippocampus or incisural or mesial temporal or parahrinal) adj sclerosis).ti,ab.
26	ulegyria.ti,ab.
27	exp demyelinating diseases/ use ppez or exp demyelinating disease/ use emczd, emcr or (demyelination or (demyelinating adj2 (disorder* or disease*))).ti,ab.
28	exp "malformations of cortical development"/ use ppez or exp cortical dysplasia/ use emczd, emcr or (((brain cortex or cortical) adj2 (dysplasia* or development malformation*)) or ((abnormal* or malformation*) adj2 cortical development)).ti,ab.
29	exp neurocutaneous syndromes/ use ppez or phakomatosis/ use emczd, emcr or ((neurocutaneous adj (disorder* or syndrome*)) or phakoma* or phacomatos*).ti,ab.
30	exp encephalitis/ use ppez, emczd, emcr or limbic encephalitis/ use ppez or paraneoplastic neuropathy/ use emczd, emcr or ((allergic adj (leukoencephalopath* or leuko encephalopath*)) or encephaliti* or limbic encephaliti*).ti,ab.
31	*infection/ use ppez or infection*.ti,ab.
32	exp "congenital disorders of glycosylation"/ use ppez or exp "congenital disorder of glycosylation"/ use emczd, emcr
33	(carbohydrate deficient glycoprotein syndrome* or cdg syndrome* or (congenital disorders adj2 glycosylation) or glycanosis cdg or (carbohydrate deficient adj (glycoprotein disorders or inborn error*))).ti,ab.
34	leukodystrophy*.sh. or ((leucodystroph* or metabolic leucoencephalopa* or very long chain) adj3 deficien*).ti,ab.
35	exp lysosomal storage diseases/ use ppez or exp lysosome storage disease/ use emczd, emcr or (lysosomal adj (enzyme or storage) adj (disease* or disorder*)).ti,ab.
36	exp mitochondrial diseases/ use ppez or exp "disorders of mitochondrial functions"/ use emczd, emcr or ((mitochondrial adj (deficien* or disease* or disorder*)) or mitochondriopath* or ((electron transport chain or oxidative phosphorylation or respiratory chain) adj2 (deficien* or disease* or disorder*))).ti,ab.
37	amino acid metabolism, inborn errors/ use ppez or "disorders of amino acid and protein metabolism"/ use emczd, emcr or (organic adj (acidemia or aciduria*).ti,ab.
38	molybdenum cofactor deficiency / use emczd, emcr or (molybdenum adj (co factor or cofactor) adj deficiency).ti,ab.
39	(sulfite oxidase and deficiency).hw. or ((sulfite adj2 oxidase adj2 deficiency) or isod).ti,ab.
40	((disorder* adj3 (amino acid* or protein*) adj3 metaboli*) or (phenyl ketonuria* or phenylketonuria* or tyrosinemia* or homocystinuria* or non-ketotic hyperglycinemia* or maple syrup urine disease) or (amino acid metablism adj3 inborn error*).ti,ab.
41	(glucose transporter*.sh. and deficien*.hw.) or ((glucose transporter adj3 deficien*) or glut1).ti,ab.
42	(or/10-41) or (abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.
43	exp epilepsy/di or diagnos*.sh. or (diagnos* or detect* or identif* or indicat* or reveal* or ((epilepsy or seizure) adj protocol*) or yield*).ti,ab.
44	6 and 9 and 42 and 43
45	6 and 9 and ((magnetic resonance or mri or mrs or nmr* or angiogra* or tomoangiogra* or imag* or scan* or spectroscop* or tomogra* or elastogra* or examin*) adj3 (abnormal* or lesion* or malformation*).ti,ab.
46	(6 and 9 and (exp case control studies/ or exp cohort studies/ or cross-sectional studies/ or epidemiologic studies/ or observational study/ or (case control or (cohort adj (analy* or study or studies)) or cross sectional or (follow up adj (study or studies)) or longitudinal or (observational adj (study or studies)) or retrospective).ti,ab.) and ((abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.)) use ppez or (6 and 9 and (exp case control study/ or cohort analysis/ or cross-sectional study/ or follow up/ or longitudinal study/ or observational study/ or prospective study/ or retrospective study/ or (case control or (cohort adj (analy* or study or studies)) or cross sectional or (follow up adj (study or studies)) or longitudinal or (observational adj (study or studies)) or retrospective).ti,ab.) and ((abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.)) use emczd, emcr
47	or/44-46
48	limit 47 to yr="2000 - 2021"
49	limit 48 to english language [general exclusions filter applied]

B. What is the yield of relevant abnormalities detected by CT in people with epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to November 25, 2019; Embase Classic+Embase 1947 to 2019 November 25; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2019 November 25, 2019

Date of last search: 25 November 2019

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ use ppez, emczd, emcr or epilep*.ti,ab.
2	((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*)) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or seizure* or spasm*)) or (benign adj3 convulsion* adj2 centrottemporal adj2 spike*) or ((centralopathic or centrottemporal or temporal-central focal) adj (convulsion* or seizure*)) or continuous spike wave of slow sleep or doose* or dravet or ((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or hypsarrhythmia* or infant* spasm* or ((jackknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or (landau adj2 kleffner) or lennox gastaut or massive myoclonia or (myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or seizure* or spasm*)) or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
3	(bcects or bects or brec or cects or lgs or mae or smei).ti,ab.
4	or/1-3
5	seizure*.ti,ab,hw. or (convulsion* or fits or jerk* or spasm*).ti,ab.
6	4 and 5
7	exp tomography, emission-computed/ use ppez or tomography, x-ray computed/ ppez or computer assisted tomography/ use emczd, emcr
8	((comput* or ct* or cat* or emission or radionuclide) adj2 (angiogra* or imag* or scan* or tomogra* or tomoangiogra*).ti,ab.
9	or/7-8
10	brain injuries/ use ppez or exp brain injury/ use emczd, emcr or ((brain* or cerebral) adj2 (abnormal* or damage or lesion* or malformation*).ti,ab.
11	exp encephalomalacia/ use ppez, emczd, emcr or ((brain adj (malacia or softening)) or cerebromalacia* or encephalomalacia* or scarring).ti,ab.
12	exp hemorrhage/ or (bleeding or (blood adj (effusion or loss)) or ha?morrhag* or he?morrhag*).ti,ab.
13	infarction/ use ppez, emczd, emcr or (infarct* or ((thrombo embolic or thromboembolic) adj accident*).ti,ab.
14	calcification*.hw. or calcification.ti,ab.
15	exp vascular malformations/ use ppez or exp congenital blood vessel malformation/ use emczd, emcr or ((vascular adj (abnormal* or malformation*)) or ((arteriovenous or arterio venous) adj malformation*) or avm).ti,ab.
16	exp hydrocephalus/ use ppez, emczd, emcr or (aqueductal stenosis or cerebral ventriculomegal* or hydrocephal*).ti,ab.
17	exp edema/ use ppez, emczd, emcr or (anasarca or dropsy or hydrops or oedema* or edema* or tissue swelling).ti,ab.
18	exp brain neoplasms/ use ppez or meningioma/ use ppez, emczd, emcr or exp brain tumor/ use emczd, emcr
19	((brain or cerebral or intracranial or meninges or midline) adj2 (cancer* or metastases or neoplasm* or tumor* or tumour*)) or cerebroma* or meningioma*).ti,ab.
20	(or/10-19) or (abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.
21	exp epilepsy/di or diagnos*.sh. or (diagnos* or detect* or identif* or indicat* or reveal* or ((epilepsy or seizure) adj protocol*) or yield*).ti,ab.
22	6 and 9 and 20 and 21
23	6 and 9 and ((angiogra* or tomoangiogra* or imag* or scan* or tomogra*) adj3 (abnormal* or lesion* or malformation*).ti,ab.
24	(6 and 9 and (exp case control studies/ or exp cohort studies/ or cross-sectional studies/ or epidemiologic studies/ or observational study/ or (case control or (cohort adj (analy* or study or studies)) or cross sectional or (follow up adj (study or studies)) or longitudinal or (observational adj

#	searches
	(study or studies)) or retrospective).ti,ab.) and ((abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.)) use ppez or (6 and 9 and (exp case control study/ or cohort analysis/ or cross-sectional study/ or follow up/ or longitudinal study/ or observational study/ or prospective study/ or retrospective study/ or (case control or (cohort adj (analy* or study or studies)) or cross sectional or (follow up adj (study or studies)) or longitudinal or (observational adj (study or studies)) or retrospective).ti,ab.) and ((abnormal* or lesion* or malformation*).ti,ab. or malformation*.hw.)) use emczd, emcr
25	or/22-24
26	limit 25 to english language [general exclusions filter applied]

C. What is the effectiveness of genetic testing in determining the aetiology of epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 April 07; Embase Classic+Embase 1947 to 2021 April 07; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 April 07, 2021

Date of last search: 07 April 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ or landau kleffner syndrome/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emczd, emcr
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(convulsion* or dravet syndrome or epilep* or continous spike wave of slow sleep or landau kleffner syndrome or lennox gastaut syndrome or infant* spasm* or seizure* or west syndrome).ti,ab.
6	or/2,4-5
7	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or generali?ed flexion epileps* or hypsarrhythmia* or ((jacknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
8	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or generali?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*)).ti,ab.
9	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrottemporal adj2 spike*) or cects or ((centralopathic or centrottemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm*))).ti,ab.
10	landau kleffner syndrome/ use emczd, emcr, ppez or (dravet or lennox gastaut or lgs or (landau adj2 kleffner) or sme).ti,ab.

#	searches
11	severe myoclonic epilepsy in infancy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or (dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegtc* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
12	or/6-11
13	genetic screening/ use emczd, emcr or exp genetic testing/ use ppez
14	((gene or genes or genetic or next generation) adj2 (analys* or screen* or sequencing or test*)).ti,ab.
15	or/13-14
16	karyotyping/ use emczd, emcr or exp karyotyping/ use ppez
17	(karyotyping* or (karyotyp* adj2 (analys* or screen* or sequenc* or test*))).ti,ab.
18	or/16-17
19	whole exome sequencing/ use emczd, emcr,ppez
20	((complete or entire or full or whole) adj (exome or transcriptome) adj (analys* or screen* or sequencing or test*)) or wes).ti,ab.
21	or/19-20
22	whole genome sequencing/ use emczd, emcr or exp whole genome sequencing/ use ppez
23	((complete or entire or full or whole) adj genome adj (analy* or screen* or sequencing or test*)) or wgs).ti,ab.
24	or/22-23
25	((gene* panel or multigen* or multi gen* or multiple gen*) adj2 (analys* or sequencing or test*) adj2 panel*) or ((gene* or multigen* or multi gen* or multiple gen*) adj2 panel* adj2 (analys* or screen* or sequencing or test*)).ti,ab.
26	(single gen* adj2 (analys* or screen* or sequencing or test*)).ti,ab.
27	microarray analysis/ use emczd, emcr or chromosome analysis/ use emczd, emcr or exp microarray analysis/ use ppez
28	(array comparative genomic hybrid* or ((array or matrix) adj cgh) or acgh or (((chromosom* or snp or whole genome) adj microarray) or micro array) or microarray-based comparative genomic hybrid*ation).ti,ab.
29	or/27-28
30	or/15,18,21,24-26,29
31	12 and 30
32	limit 31 to english language
33	limit 32 to yr="1995 -current" [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 4 of 12, April 2021; Cochrane Central Register of Controlled Trials, Issue 4 of 12, April 2021

Date of last search 07 April 2021

#	searches
1	mesh descriptor: [epilepsy] explode all trees

#	searches
2	mesh descriptor: [seizures, febrile] this term only
3	mesh descriptor: [seizures] this term only
4	mesh descriptor: [status epilepticus] explode all trees
5	((convulsion* or "dravet syndrome" or epilep* or "continous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome")):ti,ab,kw
6	mesh descriptor: [spasms, infantile] this term only
7	(((((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "generalized flexion epileps*" or hypsarrhythmia* or ((jacknife or "jack nife" or lightening or nodding or salaam) near/1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome"))):ti,ab,kw
8	mesh descriptor: [epilepsies, myoclonic] explode all trees
9	((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy" or ((absence or astatic or atonic or tonic or "tonic clonic") near/2 (seizure* or spasm*))):ti,ab,kw
10	mesh descriptor: [epilepsy, rolandic] this term only
11	((bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrotemporal near/2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") near/1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)))):ti,ab,kw
12	((dravet or smei or "lennox gastaut" or lgs or (landau near/2 kleffner))):ti,ab,kw
13	mesh descriptor: [epilepsies, myoclonic] explode all trees
14	((dravet* or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeb or smei)):ti,ab,kw
15	{or #1-#14}
16	mesh descriptor: [genetic testing] explode all trees
17	((karyotyping* or (karyotyp* near/1 2 (analys* or screen* or sequenc* or test*)))):ti,ab,kw
18	mesh descriptor: [whole genome sequencing] explode all trees
19	(((((complete or entire or full or whole) near/1 (exome or transcriptome) near/1 (analys* or screen* or sequencing or test*)) or wes)):ti,ab,kw
20	(((((complete or entire or full or whole) near/1 genome near/1 (analy* or screen* or sequencing or test*)) or wgs)):ti,ab,kw
21	(((((("gene* panel" or multigen* or "multi gen*" or "multiple gen*") near/1 2 (analys* or sequencing or test*) near/1 2 panel*) or ((gene* or multigen* or "multi gen*" or "multiple gen*") near/1 2 panel* near/1 2 (analys* or screen* or sequencing or test*))))):ti,ab,kw
22	((("single gen*" near/1 2 (analys* or screen* or sequencing or test*)))):ti,ab,kw
23	mesh descriptor: [microarray analysis] explode all trees

#	searches
24	((“array comparative genomic hybrid*” or ((array or matrix) near/1 cgh) or acgh or (((chromosom* or snp or “whole genome”) near/1 microarray) or “micro array”) or “microarray-based comparative genomic hybridisation” or “microarray based comparative genomic hybridization”)):ti,ab,kw
25	((gene or genes or genetic or “next generation”) near/2 (analys* or screen* or sequencing or test*)):ti,ab,kw
26	{or #16-#25}
27	#15 and #26 with cochrane library publication date between jan 1995 and apr 2021

Database(s): DARE; HTA database - CRD interface

Date of last search: 07 April 2021

#	Searches
1	epilepsy explode all trees
2	seizures, febrile this term only
3	seizures this term only
4	status epilepticus explode all trees
5	spasms, infantile this term only
6	epilepsies, myoclonic explode all trees
7	epilepsy, rolandic this term only
8	epilepsies, myoclonic explode all trees
9	((convulsion* or “dravet syndrome” or epilep* or “continous spike wave of slow sleep” or “landau kleffner syndrome” or “lennox gastaut syndrome” or “infant* spasm*” or seizure* or “west syndrome”))
10	((((early or infantile) near2 myoclonic near2 encephalopath*) or ((early or infantile) near2 epileptic near2 encephalopath*) or “epileptic spasm*” or ((flexor or infantile or neonatal) near2 (seizure* or spasm*)) or “generalized flexion epileps*” or hypsarrhythmia* or ((jacknife or “jack nife” or lightening or nodding or salaam) near1 (attack* or convulsion* or seizure* or spasm*)) or “massive myoclonia” or “minor motor epilepsy” or “propulsive petit mal” or “spasm in* flexion” or “spasmus nutans” or “west syndrome*))
11	((myoclonic near2 (astatic or atonic)) or (myoclonic near3 (seizure* or spasm*)) or “doose* syndrome” or mae or “generalized idiopathic epilepsy”) or ((absence or astatic or atonic or tonic or “tonic clonic”) near2 (seizure* or spasm*))
12	((bcects or bects or brec or “benign epilepsy” or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 epileps*) or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near3 (convulsion* or epileps*) near2 centrottemporal near2 spike*) or cects or ((centralopathic or centrottemporal or “temporal-central focal”) near1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near2 (convulsion* or epileps* or seizure* or spasm*)))
13	((dravet or smei or “lennox gastaut” or lgs or (landau near2 kleffner))
14	((dravet* or (“intractable childhood epilepsy” near2 (“generalised tonic clonic” or gtc)) or icegtc* or (severe near2 (myoclonic or polymorphic) near2 epilepsy near2 infancy) or smeb or smei))
15	(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14) from 1995 to 2021

D. In people with epilepsy, who should have antibody testing?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2019 June 21; Embase Classic+Embase 1947 to 2019 June 21; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2019 June 21, 2019

Date of last search: 21 June 2019

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	Searches
1	exp epilepsy/ or landau kleffner syndrome/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emczd, emcr
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(convulsion* or dravet syndrome or epilep* or continous spike wave of slow sleep or landau kleffner syndrome or lennox gastaut syndrome or infant* spasm* or seizure* or west syndrome).ti,ab.
6	or/2,4-5
7	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or generalis?ed flexion epileps* or hypsarrhythmia* or ((jacknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasms nutans or west syndrome*).ti,ab.
8	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or generalis?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
9	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrottemporal adj2 spike*) or cects or ((centralopathic or centrottemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm))).ti,ab.
10	landau kleffner syndrome/ use emczd, emcr, ppez or (dravet or smei or lennox gastaut or lgs or (landau adj2 kleffner)).ti,ab.
11	severe myoclonic epilepsy in infancy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or (dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegtc* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
12	or/6-11
13	autoantibodies/ use emczd, emcr,ppez
14	(autoantibod* or auto antibod*).ti,ab.
15	or/13-14
16	antibody/ use emczd, emcr or antibodies/ use ppez
17	antibod*.ti,ab.
18	or/16-17
19	((((autoantibodies adj3 against glutamic acid decarboxylase) or gad or gad-ab or gadab* or gad 65* or gad65*) and gad67*) or gad 67*).ti,ab.
20	(contactin-associated protein-like 2 or caspr2 or caspr 2).ti,ab.
21	exp voltage gated potassium channel/ use emczd, emcr or exp potassium channels, voltage-gated/ use ppez
22	(voltage gated potassium channel* or vgkc*1).ti,ab.
23	potassium channel*.ti,ab.

#	Searches
24	(kva1* or kva2* or kva2* or kva3* or kva4* or kva5* or kva6* or kva7* or kva8* or kva9* or kva10* or kva11* or kva12* or kv1* or kv2* or kv3* or kv4* or kv5* or kv6* or kv7* or kv8* or kv9* or kv10* or kv11* or kv12* or kcna1 or kcna10 or kcna2 or kcna3 or kcna4 or kcna5 or kcna6 or kcna7 or kcnb1 or kcnb2 or kcnc1 or kcnc2 or kcnc3 or kcnc4 or kcnd1 or kcnd2 or kcnd3 or kcnf1 or kcnng1 or kcnng2 or kcnng3 or kcnng4 or kcnh1 or kcnh2 or kcnh3 or kcnh4 or kcnh5 or kcnh6 or kcnh7 or kcnh8 or kcnq1 or kcnq2 or kcnq3 or kcnq4 or kcnq5 or kcns1 or kcns2 or kcns3 or kcnv1 or kcnv2 or kcnip1 or kcnip2 or kcnip3 or kcnip4 or kcnab1 or kcnab2 or kcnab3 or kcne1 or mirp1 or kcne2 or mirp2 or kcne3 or mirp3 or kcne4 or kcne1).ti,ab.
25	(leucine-rich glioma-inactivated 1 or leucine-rich glioma-inactivated protein 1 or lgi1).ti,ab.
26	or/21-25
27	thyroid peroxidase/ use emczd, emcr or iodide peroxidase/ use ppez
28	(thyroid gland peroxidase or thyroid peroxidase or thyroperoxidase or tpo).ti,ab.
29	or/27-28
30	receptors, gaba-b/ use ppez or gamma-aminobutyric acid/ use ppez or 4 aminobutyric acid a receptor/ use emczd, emcr
31	(aminobutyric acid or baclofen receptor* or gaba a or gabaa or gabaar or gabab or gaba b or gababr).ti,ab.
32	or/30-31
33	ampa receptor/ use emczd, emcr or receptors, ampa/ use ppez
34	((ampa adj2 receptor*) or ampa 1 or ampa 2 or ((excitatory amino or quisqual* acid or quisqual*) adj receptor*).ti,ab.
35	or/33-34
36	n methyl dextro aspartic acid receptor/ use emczd, emcr or receptors, n-methyl-d-aspartate/ use ppez
37	(neuronal cell surface antigen* or (n methyl d adj (aspartate or aspartic acid) adj receptor*) or nmdar or nmda receptor).ti,ab.
38	or/36-37
39	glycine receptor/ use emczd, emcr or receptors, glycine/ use ppez
40	(glycin* adj (nerve cell or receptor*).ti,ab.
41	or/39-40
42	antigen/ or nucleolysin tia 1 isoform p40/ or hu antibody/ or amphiphysin/
43	42 use emczd, emcr
44	t-cell intracellular antigen-1/ use ppez
45	antigen*.ti,ab.
46	(collapsin response mediator protein 5 or crmp5 or crmp 5).ti,ab.
47	amphiphysin.ti,ab.
48	(human antigen r or hur or (hu and (antigen* or antibod* or autoantibod*))).ti,ab.
49	(paraneoplastic antigen or pnma2 or pnma 2 or ma2 or ma 2 or (ma and (antigen* or antibod* or autoantibod*))).ti,ab.
50	((ri or nova or nova1 or anna 2 or anna2) and (antigen* or antibod* or autoantibod*).ti,ab.

#	Searches
51	(crd2 or (yo and (antigen* or antibod* or autoantibod*))).ti,ab.
52	or/41,43-51
53	or/15,18-20,26,29,32,35,38,52
54	predict.ti.
55	(validat* or rule*).ti,ab.
56	(predict* and (outcome* or risk* or model*)).ti,ab.
57	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (predict* or model* or decision* or identif* or prognos*)).ti,ab.
58	logistic models/ use ppez or statistical model/ use emczd, emcr
59	58 and decision*.ti,ab.
60	(decision* and (model* or clinical*)).ti,ab.
61	(prognostic and (history or variable* or criteria or scor* or characteristic* or finding* or factor* or model*)).ti,ab.
62	(stratification or discrimination or discriminate or c statistic or "area under the curve" or auc or calibration or indices or algorithm or multivariable).ti,ab.
63	roc curve/ use ppez or receiver operating characteristic/ use emczd, emcr
64	or/54-57,59-63
65	"*area under the curve"/ or *diagnostic accuracy/ or exp diagnostic test/ or diagnostic test accuracy study/ or *predictive validity/ or *receiver operating characteristic/ or *reliability/ or ""sensitivity and specificity"/ or statistical model/ or *test retest reliability/ or *validity/ or diagnos*.sh. or di.fs.
66	65 use emczd, emcr
67	"area under curve"/ or diagnostic tests, routine/ or likelihood functions/ or "predictive value of tests"/ or "reproducibility of results"/ or roc curve/ or "sensitivity and specificity"/ or validation studies/ or diagnos*.sh. or di.fs.
68	67 use ppez
69	(accurac* or accurat* or area under curve or auc or clinical utilit* or (diagnos* adj2 (accurac* or analys* or effectiveness or efficien* or odds ratio or performance* or screen* or sequenc* or test* or utilit* or value*)) or (likelihood adj3 ratio*) or npv or ((pretest or pre test or posttest or post test) adj2 probabilit*) or (predict* adj3 value*) or ppv or receiver operating characteristic or (roc adj2 curv*) or reliabil* or sensititiv* or specificit* or valid*).tw. or diagnos*.ti. or gold standard.ab.
70	or/66,68-69
71	or/64,70
72	12 and 53 and 71
73	limit 72 to english language
74	limit 73 to yr="1995 -current" [general exclusions filter applied]

E. What antiseizure medications (monotherapy) are effective in the treatment of generalised tonic-clonic (GTC) seizures?

[Search undertaken by Cochrane]**What antiseizure medications (monotherapy) are effective in the treatment of focal onset seizures?****Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface**

EMCare 1995 to February 03, 2021; Embase Classic+Embase 1947 to 2021 February 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 February 03, 2021

Date of last search: 03 February 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ use ppez, emczd, emcr or (epilep* or seizure* or convuls*).ti,ab.
2	epilepsy, tonic-clonic/ use ppez or epilepsy, generalized/ use ppez or generalized epilepsy/ use emczd, emcr or grand mal epilepsy/ use emczd, emcr or (((clonic or grand mal or tonic or (tonic adj3 clonic)) adj2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (generali* adj (contraction* or convuls* or insult or seizure*))).ti,ab.
3	exp epilepsies, partial/ use ppez or exp focal epilepsy/ use emczd, emcr or ((focal or focal onset or local or partial or simple partial) adj3 (epileps* or seizure*)).ti,ab.
4	or/1-3
5	brivaracetam/ use emczd, emcr or (brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
6	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
7	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
8	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
9	exp eslicarbazepine/ use emczd, emcr or (eslicarbazepin* or aptiom or zebinix).ti,ab.
10	ethosuximide/ use emczd, emcr or ethosuximide/ use ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccinamide or ethylsuccinamide or ethylsuccinamide or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
11	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
12	(diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/) use ppez or (fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/) use emczd, emcr
13	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
14	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
15	lamotrigine/ use emczd, emcr, ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamitor* or amitrin* or lamodex or lamogine or lamotrin* or lamotrigin* or lamotrix or neurium).ti,ab.
16	levetiracetam/ use emczd, emcr, ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
17	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin).ti,ab.
18	perampanel/ use emczd, emcr or (fycompa or perampanel).ti,ab.
19	phenobarbital/ use emczd, emcr or exp phenobarbital/ use ppez or (adonal or aephenal or agrypnaal or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellen or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or

#	searches
	barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbronal or cardenal or cernalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettae or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or hennoletten or hypnaletten or hypno tablinetten or hypnogen fragner or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or leonal leo or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokal or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or monosodium salt or neurobarb or nirvonal or noptil or nova pheno or nunol or parkotal or pharmetten or phen bar or phenaemal or phenemal or phenethylbarbital sodium or phenobal or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbital or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or phenyl ethyl barbituric acid or phenylbarbital or phenylethyl barbituric acid or phenylethylbarbituric acid or phenylethylmalonyl urea or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or seda tablinen or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or sombutol mcclung or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triabarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal).ti,ab.
20	phenytoin/ use emczd, emcr or phenytoin/ use ppez or (alepsin or alleviatin or antilepsin or antisacer or auratile or cansoin or causoin or citrull?amon or comital or comitoina or convul or cumatil or danten or dantinal or dantoin* or denyl or fifenilhidantoin* or di hydan or difenin or difetoin or differenin or dihycon or difhydan* or dihydan or di-hydan or dilabid or dilantin* or di lan or dintoin or dintoina or diphantoin* or diphedal or diphedan or di-phen or di phetine or diphenat or diphenin* or diph?ntoin or diphentyn or diphenyl?hydantoin or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenylhydatanoin* or diphenytoin or ditoin* or ditomed or ekko or elepsindon or enkelfel or epamin or epanutin or epasmir or epifenylyl or epilantin or epinat or orepdantoin* or epelin or ephihydan or epilan or epilantin or epised or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin* or fentoin or fenylepsin or fenytoin* or hidan or hindatal or hidanil or hidantal or hidantomim or hydant?in or hydantilo or hidantina or hydant?! or hydant?inal or h?dantoina* or hydantol or ictalis or idantoil or idantoin or iphenylhydantoin or kessodanten or labopal or lehydan or leptoin or lepsin or mesantoin or minetoin or neosidantoina or novantoina or novophenytin or omhidantoina or oxylan or phanantin or phanatine or phenat?ine or phenhydan or phenhydane or phenilep or phent?toin or phenybin or phenydan or phenydantin or phenytek or phenytex or phen?toin* or pyoredol or ritmenal or saceril or sanepil or silantin or sinergina or sodantoin or sodant?on or solant?in or solantyl or sylantoin or tacosal or thilophenyl or toin or vasilcon or zentralon or zentropil).ti,ab.
21	placebo*.ti,ab,sh. or double-blind method/ use ppez or double blind procedure/ use emczd, emcr
22	pregabalin/ use emczd, emcr, ppez or (lyrica or pregabalin).ti,ab.
23	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valeril or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
24	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramate or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitraz or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramate* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
25	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
26	or/5-25
27	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
28	27 use ppez

#	searches
29	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
30	29 use ppez
31	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
32	31 use emczd, emcr
33	or/28,30,32
34	meta-analysis/
35	meta-analysis as topic/ or systematic reviews as topic/
36	"systematic review"/
37	meta-analysis/
38	(meta analy* or metanaly* or metaanaly*).ti,ab.
39	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
40	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
41	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
42	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
43	(search* adj4 literature).ab.
44	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
45	cochrane.jw.
46	((pool* or combined) adj2 (data or trials or studies or results)).ab.
47	(or/34-35,38,40-46) use ppez
48	(or/36-39,41-46) use emczd, emcr
49	or/47-48
50	or/33,49
51	4 and 26 and 50
52	limit 51 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 2 of 12, February 2021; Cochrane Central Register of Controlled Trials, Issue 2 of 12, February 2021

Date of last search 03 February 2021

#	searches
1	mesh descriptor: [epilepsy] explode all trees
2	(epilep* or seizure* or convuls*):ti,ab.
3	mesh descriptor: [epilepsy, tonic-clonic] this term only
4	mesh descriptor: [epilepsy, generalized] this term only
5	((((clonic or "grand mal" or tonic or (tonic near/3 clonic)) near/2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* next (contraction* or convuls* or insult or seizure*))) :ti,ab.
6	mesh descriptor: [epilepsies, partial] explode all trees
7	((focal or "focal onset" or local or partial or "simple partial") adj3 (epileps* or seizure*)):ti,ab,kw
8	{or #1-#7}
9	((brivaracetam or brivlera or nubriveo or rikelta)):ti,ab,kw
10	mesh descriptor: [carbamazepine] explode all trees
11	((amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol)):ti,ab,kw
12	mesh descriptor: [clobazam] explode all trees
13	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
14	mesh descriptor: [clonazepam] this term only
15	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
16	((eslicarbazepin* or aptiom or zebinix)):ti,ab,kw
17	mesh descriptor: [ethosuximide] this term only
18	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or

#	searches
	pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin):ti,ab,kw
19	mesh descriptor: [vigabatrín] this term only
20	((("4 vinyl 4 aminobutyric acid" or "4 vinylaminobutyric acid" or "4 vinylgaba" or "gamma vinyl 4 aminobutyric acid" or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid" or "gamma vinylgaba" or "n vinyl 4 aminobutyric acid" or "n vinyl gaba" or "n vinyl gamma aminobutyric acid" or vigadrone or sabril or sabrilex or vigabatrín or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid")):ti,ab,kw (word variations have been searched)
21	mesh descriptor: [diet, carbohydrate-restricted] this term only
22	mesh descriptor: [dietary fats] explode all trees
23	mesh descriptor: [glycemic index] explode all trees
24	mesh descriptor: [diet, ketogenic] this term only
25	mesh descriptor: [triglycerides] explode all trees
26	((((adequate near/3 protein*) or atkin* or keto* or kd or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulac*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/ (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
27	mesh descriptor: [lacosamide] this term only
28	((erlosamide or harkoseride or lacosamide or vimpat)):ti,ab,kw
29	mesh descriptor: [lamotrigine] this term only
30	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
31	mesh descriptor: [levetiracetam] this term only
32	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
33	mesh descriptor: [oxcarbazepine] this term only
34	((apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin)):ti,ab,kw
35	((fycompa or perampanel)):ti,ab,kw
36	mesh descriptor: [phenobarbital] explode all trees
37	((adonal or aephenal or agrypnal or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellen or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbronal or cardenal or cemalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettaa or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or henoletten or hypnaletten or "hypno tablinetten" or "hypnogen fragner" or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or lefebar or leonal or lephebar or lepinal or lethyl or linsasen or liquital or lixophen or lubergal or lubrokla or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or "monosodium salt" or neurobarb or nirvonol or noptil or "nova pheno" or nunol or parkotal or pharmetten or "phen bar" or phenaemal or phenemal or "phenethylbarbital sodium" or phenobal or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or "phenyl ethyl barbituric acid" or phenylbarbital or "phenylethyl barbituric acid" or "phenylethylbarbituric acid" or "phenylethylmalonyl urea" or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or "seda tablinen" or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or "sombutol mcclung" or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettaa or stental or teolaxin or theolaxin or triarbarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal)):ti,ab,kw
38	mesh descriptor: [phenytoin] this term only
39	((alepsin or alleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyil or "di hydan" or difenin or difetoin or differenin or difhydan or dihydan or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or "di-phen" or diphenin* or diphentoin or "diphenyl hydantoin" or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or lepitoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phenytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil)):ti,ab,kw

#	searches
40	mesh descriptor: [placebox] this term only
41	mesh descriptor: [double-blind method] this term only
42	placebo*.ti,ab,kw.
43	mesh descriptor: [pregabalin] this term only
44	((lyrica or pregabalin)):ti,ab,kw
45	mesh descriptor: [valproic acid] this term only
46	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral)):ti,ab,kw
47	mesh descriptor: [topiramate] this term only
48	((epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
49	mesh descriptor: [zonisamide] this term only
50	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
51	{or #9-#50}
52	#8 and #51

Database(s): DARE; HTA database - CRD interface

Date of last search: 03 February 2021

#	searches
1	epilepsy explode all trees
2	epilepsy, tonic-clonic this term only
3	epilepsy, generalized this term only
4	epilepsies, partial explode all trees
5	(epilep* or seizure* or convuls*):ti,ab.
6	((((clonic or "grand mal" or tonic or (tonic near3 clonic)) near2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* next (contraction* or convuls* or insult or seizure*)))
7	((focal or "focal onset" or local or partial or "simple partial") near2 (epileps* or seizure*))
8	#1 or #2 or #3 or #4 or #5 or #6 or #7

F. What antiseizure therapies (add-on) are effective in the treatment of generalised tonic-clonic (GTC) seizures?

[Search undertaken by Cochrane]

What antiseizure therapies (add-on) are effective in the treatment of focal onset seizures?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to February 03, 2021; Embase Classic+Embase 1947 to 2021 February 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 February 03, 2021

Date of last search: 03 February 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ use ppez, emczd, emcr or (epilep* or seizure* or convuls*).ti,ab.
2	epilepsy, tonic-clonic/ use ppez or epilepsy, generalized/ use ppez or generalized epilepsy/ use emczd, emcr or grand mal epilepsy/ use emczd, emcr or (((clonic or grand mal or tonic or (tonic adj3 clonic)) adj2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* adj (contraction* or convuls* or insult or seizure*))).ti,ab.
3	exp epilepsies, partial/ use ppez or exp focal epilepsy/ use emczd, emcr or ((focal or focal onset or local or partial or simple partial) adj3 (epileps* or seizure*)).ti,ab.
4	or/1-3
5	brivaracetam/ use emczd, emcr or (brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
6	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
7	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
8	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
9	exp eslicarbazepine/ use emczd, emcr or (eslicarbazepin* or aptiom or zebinix).ti,ab.
10	ethosuximide/ use emczd, emcr or ethosuximide/ use ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
11	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
12	(diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/) use ppez or (fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/) use emczd, emcr
13	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgjt or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
14	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
15	lamotrigine/ use emczd, emcr, ppez or (crisomet or labileno or lametil or lamictal or lamictin or lamiktal or lamitor* or amitrin* or lamodex or lamogine or lamotrin* or lamotrigin* or lamotrix or neurium).ti,ab.
16	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
17	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin).ti,ab.
18	perampanel/ use emczd, emcr or (fycompa or perampanel).ti,ab.
19	phenobarbital/ use emczd, emcr or exp phenobarbital/ use ppez or (adonal or aephenal or agrypnal or alepsal or amylofene or andral or aparoxal or aphenybarbit or aphenyletten or atrofen or austrominal or barbapil or barbellen or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbonal or cardenal or cernalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettae or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or henoletten or hypnaletten or hypno tablinetten or hypnogen fragner or hypnolone or hypnotablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or leonal leo or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokala or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or monosodium salt or neurobarb or nirvonol or noptil or nova pheno or nunol or parkotal or pharmetten or phen bar or phenaemal or phenemal or phenethylbarbital sodium or phenobal or phenobarb or phenobarbital or phenobarbitol or

#	searches
	phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or phenyl ethyl barbituric acid or phenylbarbital or phenylethyl barbituric acid or phenylethylbarbituric acid or phenylethylmalonyl urea or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or seda tablinen or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or sombutol mcclung or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triabarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal).ti,ab.
20	phenytoin/ use emczd, emcr or phenytoin/ use ppez or (alepsin or aleviatin or antilepsin or antisacer or auranile or cansoin or causoin or citrull?amon or comital or comitoina or convul or cumatil or danten or dantinal or dantoin* or denyil or fifenilhidantoin* or di hydan or difenin or difetoin or differenin or dihycon or difhydan* or dihydan or di-hydan or dilabid or dilantin* or di lan or dintoin or dintoina or diphantoin* or diphedal or diphedan or di-phen or di phetine or diphenat or diphenin* or diph?ntoin or diphentyn or diphenyl?hydantoin or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenylhydatanoin* or diphenytoin or ditoin* or ditomed or ekko or elepsindon or enkelfel or epamin or epanutin or epasmir or epifenyil or epilantin or epinat or orepdantoin* or epelin or ephihydan or epilan or epilantin or epised or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin* or fentoin or fenylepsin or fenytoin* or hidan or hindatal or hidanil or hidantal or hidantomin or hydant?in or hydantilo or hidantina or hydant?i or hydant?inal or h?dantoina* or hydantol or ictalis or idantoil or idantoin or iphenylhydantoin or kessodanten or labopal or lehydan or lepitoin or lepsin or mesantoin or minetoin or neosidantoina or novantoina or novophenytain or omhidantoina or oxylan or phanantin or phanatine or phenat?ine or phenhydan or phenhydane or phenilep or phenit?toin or phenybin or phenydan or phenydanin or phenytek or phenyteril or phen?toin* or pyoredol or ritmenal or saceril or sanepil or silantin or sinergina or sodantoin or sodant?on or solant?in or solantyl or sylantoinc or tacosal or thilophenyl or toin or vasilcon or zentralon or zentropil).ti,ab.
21	placebo*.ti,ab,sh. or double-blind method/ use ppez or double blind procedure/ use emczd, emcr
22	pregabalin/ use emczd, emcr, ppez or (lyrica or pregabalin).ti,ab.
23	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilix or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valproadura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
24	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitraz or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
25	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
26	or/5-25
27	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
28	27 use ppez
29	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly) or trial).ab.
30	29 use ppez
31	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
32	31 use emczd, emcr
33	or/28,30,32
34	meta-analysis/
35	meta-analysis as topic/ or systematic reviews as topic/
36	"systematic review"/
37	meta-analysis/

#	searches
38	(meta analy* or metanaly* or metaanaly*).ti,ab.
39	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
40	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
41	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
42	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
43	(search* adj4 literature).ab.
44	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
45	cochrane.jw.
46	((pool* or combined) adj2 (data or trials or studies or results)).ab.
47	(or/34-35,38,40-46) use ppez
48	(or/36-39,41-46) use emczd, emcr
49	or/47-48
50	or/33,49
51	4 and 26 and 50
52	limit 51 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 2 of 12, February 2021; Cochrane Central Register of Controlled Trials, Issue 2 of 12, February 2021

Date of last search 03 February 2021

#	searches
1	mesh descriptor: [epilepsy] explode all trees
2	(epilep* or seizure* or convuls*):ti,ab.
3	mesh descriptor: [epilepsy, tonic-clonic] this term only
4	mesh descriptor: [epilepsy, generalized] this term only
5	((clonic or "grand mal" or tonic or (tonic near/3 clonic)) near/2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* next (contraction* or convuls* or insult or seizure*)):ti,ab.
6	mesh descriptor: [epilepsies, partial] explode all trees
7	((focal or "focal onset" or local or partial or "simple partial") adj3 (epileps* or seizure*)):ti,ab,kw
8	{or #1-#7}
9	((brivaracetam or brivlera or nubriveo or rikelta)):ti,ab,kw
10	mesh descriptor: [carbamazepine] explode all trees
11	((amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol)):ti,ab,kw
12	mesh descriptor: [clobazam] explode all trees
13	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
14	mesh descriptor: [clonazepam] this term only
15	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
16	((eslicarbazepin* or aptiom or zebinix)):ti,ab,kw
17	mesh descriptor: [ethosuximide] this term only
18	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin)):ti,ab,kw
19	mesh descriptor: [vigabatrin] this term only
20	((("4 vinyl 4 aminobutyric acid" or "4 vinylaminobutyric acid" or "4 vinylgaba" or "gamma vinyl 4 aminobutyric acid" or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid" or "gamma vinylgaba" or "n vinyl 4 aminobutyric acid" or "n vinyl gaba" or "n vinyl gamma aminobutyric acid" or vigadrone or sabril or sabrilex or vigabatrin or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid")):ti,ab,kw (word variations have been searched)
21	mesh descriptor: [diet, carbohydrate-restricted] this term only
22	mesh descriptor: [dietary fats] explode all trees
23	mesh descriptor: [glycemic index] explode all trees
24	mesh descriptor: [diet, ketogenic] this term only
25	mesh descriptor: [triglycerides] explode all trees

#	searches
26	((adequate near/3 protein*) or atkin* or keto* or kd or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/ (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
27	mesh descriptor: [lacosamide] this term only
28	((erlosamide or harkoseride or lacosamide or vimpat)):ti,ab,kw
29	mesh descriptor: [lamotrigine] this term only
30	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
31	mesh descriptor: [levetiracetam] this term only
32	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
33	mesh descriptor: [oxcarbazepine] this term only
34	((apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or trileptal or trileptin)):ti,ab,kw
35	((fycompa or perampanel)):ti,ab,kw
36	mesh descriptor: [phenobarbital] explode all trees
37	((adonal or aephenal or agrypnaal or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellin or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbronal or cardenal or cernalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettae or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or henoletten or hypnaletten or "hypno tablinetten" or "hypnogen fragner" or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokral or lumesettes or lumesyn or luminal or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or "monosodium salt" or neurobarb or nirvonal or noptil or "nova pheno" or nunol or parkotal or pharmetten or "phen bar" or phenaemal or phenemal or "phenethylbarbital sodium" or phenobal or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or "phenyl ethyl barbituric acid" or phenylbarbital or "phenylethyl barbituric acid" or "phenylethylbarbituric acid" or "phenylethylmalonyl urea" or phenylethylmalonylurea or phenyletten or phenylal or phenylal or promptonal or "seda tablinen" or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or "sombutul mcclung" or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triabarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal)):ti,ab,kw
38	mesh descriptor: [phenytoin] this term only
39	((alepsin or aleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyil or "di hydan" or difenin or difetoin or differenin or difhydan or dihydan or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or "di-phen" or diphenin* or diphentoin or "diphenyl hydantoin" or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or leptoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phentytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil)):ti,ab,kw
40	mesh descriptor: [placebox] this term only
41	mesh descriptor: [double-blind method] this term only
42	placebo* .:ti,ab,kw.
43	mesh descriptor: [pregabalin] this term only
44	((lyrica or pregabalin)):ti,ab,kw
45	mesh descriptor: [valproic acid] this term only
46	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or

#	searches
	"sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab,kw
47	mesh descriptor: [topiramate] this term only
48	((epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
49	mesh descriptor: [zonisamide] this term only
50	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
51	{or #9-#50}
52	#8 and #51

Database(s): DARE; HTA database - CRD interface

Date of last search: 03 February 2021

#	searches
1	epilepsy explode all trees
2	epilepsy, tonic-clonic this term only
3	epilepsy, generalized this term only
4	epilepsies, partial explode all trees
5	(epilep* or seizure* or convuls*):ti,ab.
6	((((clonic or "grand mal" or tonic or (tonic near3 clonic)) near2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* next (contraction* or convuls* or insult or seizure*)))
7	((focal or "focal onset" or local or partial or "simple partial") near2 (epileps* or seizure*))
8	#1 or #2 or #3 or #4 or #5 or #6 or #7

G. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of absence seizures?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to December 03, 2019; Embase Classic+Embase 1947 to 2019 December 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2019 December 03, 2019

Date of last search: 03 December 2019

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	(seizure and absence).sh. use emczd, emcr or seizures/ use ppez or ((absence adj2 (convulsion* or seizure*)) or ((typical or atypical) adj absenc*) or petit mal* or pyknolepsy or typical absence*).ti,ab.
2	ethosuximide/ use emczd, emcr or ethosuximide/ use ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
3	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
4	3 use emczd, emcr
5	exp diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or exp triglycerides/
6	5 use ppez
7	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.

#	searches
8	or/4,6-7
9	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
10	levetiracetam/ use emczd, emcr, ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
11	topiramate/ use emczd, emcr, ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
12	valproic acid/ use emczd, emcr, ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valeril or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
13	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
14	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
15	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
16	mesuximide/ use emczd, emcr or (alpha methylphensuximide or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin).ti,ab.
17	acetazolamide/ use emczd, emcr or acetazolamide/ use ppez or (acetadiazol or acetamox or acetazolamide or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetozolamine or ak zol or akzol or albox or apoacetazolamide or azetazolamide or carbinib or carbonic anhydrase inhibitor or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glauconox or glaupax or huma zolamide or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil).ti,ab.
18	or/2,8-17
19	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
20	19 use ppez
21	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
22	21 use ppez
23	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
24	23 use emczd, emcr
25	or/20,22,24
26	meta-analysis/
27	meta-analysis as topic/ or systematic reviews as topic/
28	"systematic review"/
29	meta-analysis/
30	(meta analy* or metanaly* or metaanaly*).ti,ab.
31	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
32	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
33	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
34	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
35	(search* adj4 literature).ab.

#	searches
36	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
37	cochrane.jw.
38	((pool* or combined) adj2 (data or trials or studies or results)).ab.
39	(or/26-27,30,32-38) use ppez
40	(or/28-31,33-38) use emczd, emcr
41	or/39-40
42	or/25,41
43	1 and 18 and 42
44	limit 43 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 12 of 12, December 2019; Cochrane

Central Register of Controlled Trials, Issue 12 of 12, December 2019

Date of last search 03 December 2019

#	searches
#1	mesh descriptor: [seizures] explode all trees
#2	((absence near/2 (convulsion* or seizure*)) or ((typical or atypical) near/1 absenc*) or "petit mal*" or pyknolepsy or "typical absence*"):ti,ab,kw
#3	#1 or #2
#4	mesh descriptor: [ethosuximide] this term only
#5	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succilep or suksilep or suxilep or suximal or suxinutin or zarondan or zaronin)):ti,ab,kw
#6	mesh descriptor: [diet, carbohydrate-restricted] explode all trees
#7	mesh descriptor: [dietary fats] explode all trees
#8	mesh descriptor: [glycemic index] this term only
#9	mesh descriptor: [triglycerides] this term only
#10	((adequate near/3 protein*) or atkin* or keto* or kd* or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
#11	mesh descriptor: [lamotrigine] this term only
#12	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
#13	mesh descriptor: [levetiracetam] this term only
#14	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
#15	mesh descriptor: [topiramate] this term only
#16	((epitomax or topamax or topiramate or acomicil or ecuram or epiamat or epitomax or epitoram or erravia or etopro or fagodol or jadis or lusitax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
#17	mesh descriptor: [valproic acid] this term only
#18	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanol or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprode or "valproic acid" or valprosid or valprotek or valsup or vupral)):ti,ab,kw
#19	mesh descriptor: [zonisamide] this term only
#20	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw

#	searches
#21	mesh descriptor: [clobazam] this term only
#22	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
#23	mesh descriptor: [clonazepam] this term only
#24	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
#25	(("alpha methylphensuximide" or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin)):ti,ab,kw
#26	mesh descriptor: [acetazolamide] this term only
#27	((acetadiazol or acetamox or "acetazol amide" or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetazolamine or "ak zol" or akzol or albox or apoacetazolamide or azetazolamide or carbinib or "carbonic anhydrase inhibitor" or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glauconox or glaupax or "huma zolamide" or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil)):ti,ab,kw
#28	{or #4-#27}
#29	#3 and #28

Database(s): Database of Abstracts of Reviews of Effects - CRD

Cochrane Database of Systematic Reviews, Issue 12 of 12, December 2019; Cochrane

Central Register of Controlled Trials, Issue 12 of 12, December 2019

Date of last search 03 December 2019

#	Searches
#1	mesh descriptor seizures explode all trees
#2	((absence near2 (convulsion* or seizure*)) or ((typical or atypical) near1 absenc*) or "petit mal*" or pyknolepsy or "typical absence*"))
#3	#1 or #2

H. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of myoclonic seizures?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to November 27, 2019; Embase Classic+Embase 1947 to 2019 November 27;

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2019 November 27, 2019

Date of last search: 27 November 2019

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	myoclonus seizure/ use emczd, emcr or seizures/ use ppez or ((myoclon* adj2 (absence* or epileps* or seizure* or jerk* or progressive familial epilep* or spasm* or convulsion*)) or ((lafora or unverricht) adj2 disease) or muscle jerk).ti,ab.
2	brivaracetam/ use emczd, emcr or (brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
3	clobazam/ use emczd, emcr, ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
4	clonazepam/ use emczd, emcr, ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
5	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
6	5 use emczd, emcr
7	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
8	7 use ppez

#	searches
9	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or (glyc?emic adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
10	or/6,8-9
11	lamotrigine/ use emczd, emcr, ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
12	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
13	perampanel/ use emczd, emcr or (fycompa or perampanel).ti,ab.
14	piracetam/ use emczd, emcr,ppez or (avigilen or axonyl or cerebroforte or cerebrosteril or cerebryl or cereparn or cetam or ciclofalina or cuxabrain or dinagen or durapitrop or encetrop or euvifor or gabacet or geram or geratam or memo puren or memopuren or noostan or nootron or nootrop or nootropil or nootropyl or normabrain or novocetam or oikamid or oxynium or piracebral or piracetam or piracetan or piracetrop or piramem or pirazetam or pyracetam or pyramem or pyrrolidone or sinapsan).ti,ab.
15	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitraz or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
16	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetetic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valproadura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
17	zonisamide/ use emczd, emcr,ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
18	or/2-4,10-17
19	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
20	19 use ppez
21	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
22	21 use ppez
23	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
24	23 use emczd, emcr
25	or/20,22,24
26	meta-analysis/
27	meta-analysis as topic/ or systematic reviews as topic/
28	"systematic review"/
29	meta-analysis/
30	(meta analy* or metanaly* or metaanaly*).ti,ab.
31	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
32	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
33	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
34	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
35	(search* adj4 literature).ab.
36	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
37	cochrane.jw.
38	((pool* or combined) adj2 (data or trials or studies or results)).ab.
39	(or/26-27,30,32-38) use ppez
40	(or/28-31,33-38) use emczd, emcr

#	searches
41	or/39-40
42	or/25,41
43	1 and 18 and 42
44	43
45	limit 44 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 11 of 12 November 2019; Cochrane

Central Register of Controlled Trials, Issue 11 of 12, November 2019

Date of last search 27 November 2019

#	searches
1	mesh descriptor: [seizures] this term only
2	((myoclon* near/2 (absence* or epileps* or seizure* or jerk* or "progressive familial epilep*" or spasm* or convulsion*)) or ((lafora or unverricht) near/2 disease) or "muscle jerk")):ti,ab,kw
3	#1 or #2
4	((brivaracetam or brivlera or nubriveo or rikelta)):ti,ab,kw
5	mesh descriptor: [clobazam] this term only
6	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
7	mesh descriptor: [clonazepam] this term only
8	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
9	mesh descriptor: [diet, carbohydrate-restricted] this term only
10	mesh descriptor: [dietary fats] explode all trees
11	mesh descriptor: [glycemic index] this term only
12	mesh descriptor: [diet, ketogenic] this term only
13	mesh descriptor: [triglycerides] explode all trees
14	((adequate near/3 protein*) or atkin* or keto* or kd* or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulac*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgjt or ("medium chain" near/ (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
15	mesh descriptor: [lamotrigine] this term only
16	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
17	mesh descriptor: [levetiracetam] this term only
18	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
19	((fycompa or perampanel)):ti,ab,kw
20	mesh descriptor: [piracetam] this term only
21	((avigilen or axonyl or cerebroforte or cerebrosteril or cerebryl or cereparn or cetam or ciclofalina or cuxabrain or dinagen or durapitrop or encetrop or euvifor or gabacet or geram or geratam or "memo puren" or memopuren or noostan or nootron or nootrop or nootropil or nootropyl or normabrain or novocetam or oikamid or oxynium or piracebral or piracetam or piracetan or piracetrop or piramem or pirazetam or pyracetam or pyramem or pyrrolidone or sinapsan)):ti,ab,kw
22	mesh descriptor: [topiramate] this term only
23	((epitomax or topamax or topiramate or acomicil or ecuram or epiamat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
24	mesh descriptor: [valproic acid] this term only
25	(convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or epilim chrono or "epilim chronosphere" or epilim or episenta or epival cr or ergenyl or "ergenyl chrono" or "ergenyl chronosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "sodium 2

#	searches
	propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab,kw
26	mesh descriptor: [zonisamide] this term only
27	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
28	{or #4-#27}
29	#3 and #28

Database(s): DARE; HTA database - CRD interface

Date of last search: 27 November 2019

#	searches
1	seizures this term only
2	((myoclon* near2 (absence* or epileps* or seizure* or jerk* or "progressive "familial epilep*" or spasm* or convulsion*)) or ((lafora or unverricht) near2 disease) or "muscle jerk")
3	#1 or #2

I. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of tonic or atonic seizures?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 April 07; Embase Classic+Embase 1947 to 2021 April 07; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 April 07, 2021

Date of last search: 07 April 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	(atonic seizure or tonic seizure).sh. use emczd, emcr or exp seizures/ use ppez or ((drop or akinetic or atonic or tonic) adj2 (attack* or epileps* or seizure* or convulsion*)):ti,ab. or brief seizure.ti,ab. or (tonic adj3 atonic adj3 (attack* or epileps* or seizure* or convulsion*)):ti,ab.
2	ethosuximide/ use emczd, emcr, ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
3	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
4	3 use emczd, emcr
5	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
6	5 use ppez
7	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
8	or/4,6-7
9	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lametil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
10	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
11	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiamat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topimat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.

#	searches
12	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetetic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
13	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
14	cannabidiol/ use emczd, emcr,ppez or (cannabidiol or epidiolex or nabidiolex).ti,ab.
15	brivaracetam/ use emczd, emcr
16	(brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
17	or/15-16
18	felbamate/ use emczd, emcr,ppez or (felbamate or felbamyl or felbamyl or felbatol or felbatol or taloxa or taloxa).ti,ab.
19	rufinamide/ use emczd, emcr or (banzel or inovelon or rufinamid* or xilep).ti,ab.
20	perampanel/ use emczd, emcr or (fycompa or perampanel).ti,ab.
21	or/2,8-14,17-20
22	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
23	22 use ppez
24	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
25	24 use ppez
26	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
27	26 use emczd, emcr
28	or/23,25,27
29	meta-analysis/
30	meta-analysis as topic/ or systematic reviews as topic/
31	"systematic review"/
32	meta-analysis/
33	(meta analy* or metanaly* or metaanaly*).ti,ab.
34	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
35	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
36	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
37	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
38	(search* adj4 literature).ab.
39	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
40	cochrane.jw.
41	((pool* or combined) adj2 (data or trials or studies or results)).ab.
42	(or/29-30,33,35-41) use ppez
43	(or/31-34,36-41) use emczd, emcr
44	or/42-43
45	or/28,44
46	1 and 21 and 45
47	limit 46 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 4 of 12, April 2021; Cochrane Central Register of Controlled Trials, Issue 4 of 12, April 2021

Date of last search: 07 April 2021

#	searches
1	mesh descriptor: [seizures] explode all trees
2	((drop or akinetic or atonic or tonic) near/2 (attack* or epileps* or seizure* or convulsion*)) or "brief seizure" or (tonic near/3 atonic near/3 (attack* or epileps* or seizure* or convulsion*)):ti,ab,kw
3	#1 or #2
4	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin)):ti,ab,kw
5	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
6	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
7	((epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
8	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chromosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or valproic acid or valprosid or valprotek or valsup or vupral)):ti,ab,kw
9	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chromosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or valproic acid or valprosid or valprotek or valsup or vupral)):ti,ab,kw
10	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
11	((cannabidiol or epidiolex or nabidiolex)):ti,ab,kw
12	((brivaracetam or brivlera or nubriveo or rikelta)):ti,ab,kw
13	((felbamate or felbamyl or felbamyl or felbatol or felbatol or taloxa or taloxa)):ti,ab,kw
14	((banzel or inovelon or rufinamid* or xilep)):ti,ab,kw
15	((fycompa or perampanel)):ti,ab,kw
16	mesh descriptor: [diet, carbohydrate-restricted] this term only
17	mesh descriptor: [dietary fats] explode all trees
18	mesh descriptor: [glycemic index] explode all trees
19	mesh descriptor: [diet, ketogenic] this term only
20	mesh descriptor: [triglycerides] explode all trees
21	((adequate near/3 protein*) or atkin* or keto* or kd or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/ (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
22	{or #4-#21}
23	#3 and #22

Database(s): DARE; HTA database - CRD interface

Date of last search: 07 April 2021

#	Searches
1	seizures explode all trees
2	(((drop or akinetic or atonic or tonic) near2 (attack* or epileps* or seizure* or convulsion*)) or "brief seizure" or (tonic near3 atonic near3 (attack* or epileps* or seizure* or convulsion*)))
3	#1 or #2

J. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of seizures in idiopathic generalised epilepsies (IGEs), including juvenile myoclonic epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to April 21, 2021; Embase Classic+Embase 1947 to 2021 April 21; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 April 21, 2021

Date of last search: 21 April 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp generalized epilepsy/ use emczd, emcr or exp epilepsy, generalized/ use ppez
2	(((akinetic or atonic or central or diffuse or general or general?ed or idiopathic or tonic) adj3 (epilep* or seizure*)) or ((childhood absence or juvenile absence or myoclonic or myoclonia or myoclonic astatic or myoclonus or gtcs) adj2 epilep*) or (epilepsy adj2 eyelid myoclonia) or (ige adj2 phantom absenc*) or impulsive petit mal or (janz adj3 (epilep* or petit mal)) or jeavons syndrome* or ((janz or lafora or lafora body or lundborg or unverricht) adj2 (disease or syndrome)) or ((jme or jmes) and epilep*) or perioral myoclon*).ti,ab.
3	or/1-2
4	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
5	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
6	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
7	ethosuximide/ use emczd, emcr or ethosuximide/ use ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
8	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
9	8 use emczd, emcr
10	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
11	10 use ppez
12	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
13	or/9,11-12
14	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
15	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
16	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.

#	searches
17	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or trileptin or trileptin).ti,ab.
18	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
19	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
20	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
21	acetazolamide/ use emczd, emcr or acetazolamide/ use ppez
22	(acetadiazol or acetamox or acetazol amide or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetozolamine or ak zol or akzol or albox or apoacetazolamide or azetazolamide or carbinib or carbonic anhydrase inhibitor or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glaucnox or glaupax or huma zolamide or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil).ti,ab.
23	mesuximide/ use emczd, emcr
24	(alpha methylphensuximide or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin).ti,ab.
25	phenobarbital/ use emczd, emcr or exp phenobarbital/ use ppez
26	(adonal or aephenal or agrypnaal or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellen or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbironal or cardenal or cemalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettaa or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or hennoletten or hypnaletten or hypno tablinetten or hypnogen fragner or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or leonal leo or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokla or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or monosodium salt or neurobarb or nirvonal or noptil or nova pheno or nunol or parkotal or pharmetten or phen bar or phenaemal or phenemal or phenethylbarbital sodium or phenobarb or phenobarb or phenobarbital or phenobarbitol or phenobarbitone or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or phenyl ethyl barbituric acid or phenylbarbital or phenylethyl barbituric acid or phenylethylbarbituric acid or phenylethylmalonyl urea or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or seda tablinen or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or sombutol mcclung or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triabarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal).ti,ab.
27	primidone/ use ppez or primidone/ use emczd, emcr
28	(apo-primidone or cyral or desoxyphenobarbital or desoxyphenobarbitone or hexadiona or lepsiral or liskantin or liskantin or majsolin or midone or misodine or mizodin or mutigan or mylepsin or mylepsinum or mysolin or mysoline or neurosyn or primaclone or primaclone or primadone or primidon* or prysoline or pyrimidone or resimatil or sertan).ti,ab.
29	phenytoin/ use emczd, emcr or phenytoin/ use ppez

#	searches
30	(alepsin or aleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyl or di hydan or difenin or difetoin or differenin or difhydan or dihydan or di-hydan or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or di-phen or diphenin* or diphentoin or diphenyl hydantoin or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or lepitoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phentytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil).ti,ab.
31	perampanel/ use emczd, emcr
32	(fycompa or perampanel).ti,ab.
33	brivaracetam/ use emczd, emcr
34	(brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
35	exp eslicarbazepine/ use emczd, emcr
36	(eslicarbazepin* or aptiom or zebinix).ti,ab.
37	or/4-7,13-36
38	3 and 37
39	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
40	39 use ppez
41	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
42	41 use ppez
44	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
45	44 use emczd, emcr
46	or/40,42,45
47	meta-analysis/
48	meta-analysis as topic/ or systematic reviews as topic/
49	"systematic review"/
50	meta-analysis/
51	(meta analy* or metanaly* or metaanaly*).ti,ab.
52	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
53	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
54	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
55	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
56	(search* adj4 literature).ab.
57	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
58	cochrane.jw.
59	((pool* or combined) adj2 (data or trials or studies or results)).ab.
60	(or/47-48,51,53-59) use ppez
61	(or/49-52,54-59) use emczd, emcr
62	or/60-61
63	or/46,62
64	38 and 63
65	limit 64 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 4 of 12, April 2021; Cochrane Central Register of Controlled Trials, Issue 4 of 12, April 2021

Date of last search: 21 April 2021

#	search
1	mesh descriptor: [epilepsy, generalized] explode all trees
2	((((akineti* or atonic or central or diffuse or general or generalised or generalized or idiopathic or tonic) near/3 (epilep* or seizure*)) or ((“childhood absence” or “juvenile absence” or myoclonic or myoclonia or “myoclonic astatic” or myoclonus or gtcs) near/2 epilep*) or (epilepsy near/2 “eyelid myoclonia”) or

#	search
	(ige near/2 "phantom absenc**") or "impulsive petit mal" or (janz near/3 (epilep* or "petit mal")) or "jeavons syndrome**" or ((janz or lafora or "lafora body" or lundborg or unverricht) near/2 (disease or syndrome)) or ((jime or jmes) and epilep*) or "perioral myoclon**"):ti,ab,kw
3	#1 or #2
4	mesh descriptor: [clobazam] explode all trees
5	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
6	mesh descriptor: [valproic acid] explode all trees
7	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chronosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chronosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral)):ti,ab,kw
8	mesh descriptor: [topiramate] explode all trees
9	((epitomax or topamax or topiramat* or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
10	mesh descriptor: [zonisamide] this term only
11	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
12	mesh descriptor: [levetiracetam] this term only
13	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
14	mesh descriptor: [diet, carbohydrate-restricted] this term only
15	mesh descriptor: [dietary fats] explode all trees
16	mesh descriptor: [glycemic index] this term only
17	mesh descriptor: [diet, ketogenic] this term only
18	mesh descriptor: [triglycerides] explode all trees
19	((adequate near/3 protein*) or atkin* or keto* or kd* or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat**" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb**" or lchf or "low glyc* index treatment**" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
20	mesh descriptor: [carbamazepine] explode all trees
21	((amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol)):ti,ab,kw
22	mesh descriptor: [clonazepam] this term only
23	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
24	mesh descriptor: [ethosuximide] this term only
25	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin)):ti,ab,kw
26	mesh descriptor: [lacosamide] this term only
27	((erlosamide or harkoseride or lacosamide or vimpat)):ti,ab,kw
28	mesh descriptor: [lamotrigine] this term only
29	((crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
30	mesh descriptor: [oxcarbazepine] this term only
31	((apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin)):ti,ab,kw
32	mesh descriptor: [acetazolamide] this term only

#	search
33	((acetadiazol or acetamox or acetazol amide or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetazolamine or "ak zol" or akzol or albox or apoacetazolamide or azetazolamide or carbinib or "carbonic anhydrase inhibitor" or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glauconox or glaupax or huma zolamide or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil)):ti,ab,kw
34	((("alpha methylphensuximide" or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin)):ti,ab,kw
35	mesh descriptor: [phenobarbital] explode all trees
36	((adonal or aephenal or agrypna or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellan or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbonal or cardenal or cemalonal or codibarbitol or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettae or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or hennoletten or hypnaletten or "hypno tablinetten" or "hypnogen fragner" or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokla or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or "monosodium salt" or neurobarb or nirvonol or noptil or "nova pheno" or nunol or parkotal or pharmetten or "phen bar" or phenaemal or phenemal or "phenethylbarbital sodium" or phenobal or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or "phenyl ethyl barbituric acid" or phenylbarbital or "phenylethyl barbituric acid" or "phenylethylbarbituric acid" or "phenylethylmalonyl urea" or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or "seda tablinen" or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or "sombutol mcclung" or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triarbarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal)):ti,ab,kw
37	mesh descriptor: [primidone] this term only
38	((("apo-primidone" or cyral or desoxyphenobarbital or desoxyphenobarbitone or hexadiona or lepsiral or liskantin or liskantim or majsolin or midone or misodine or mizodin or mutigan or mylepsin or mylepsinum or mysolin or mysoline or neurosyn or primaclone or primaclone or primadone or primidon* or prysoline or pyrimidone or resimatil or sertan)):ti,ab,kw
39	mesh descriptor: [phenytoin] this term only
40	((alepsin or aleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyil or "di hydan" or difenin or difetoin or differenin or difhydan or dihydan or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or "di-phen" or diphenin* or diphentoin or "diphenyl hydantoin" or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or leptoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phentytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil)):ti,ab,kw
41	((fycopa or perampanel)):ti,ab,kw
42	((brivaracetam or briviera or nubriveo or rikelta)):ti,ab,kw
43	((eslicarbazepin* or aptiom or zebinix)):ti,ab,kw
44	{or #4-#43}
45	#3 and #44

Database(s): DARE; HTA database - CRD interface

Date of last search: 21 April 2021

line	search
1	epilepsy, generalized explode all trees
2	(((((akinetic or atonic or central or diffuse or general or generalised or generalized or idiopathic or tonic) near3 (epilep* or seizure*)) or (("childhood absence" or "juvenile absence" or myoclonic or myoclonia or

line	search
	"myoclonic astatic" or myoclonus or gtcs) near2 epilep*) or (epilepsy near2 "eyelid myoclonia") or (ige near2 "phantom absenc*") or "impulsive petit mal" or (janz near3 (epilep* or "petit mal")) or "jeavons syndrome*" or ((janz or lafora or "lafora body" or lundborg or unverricht) near2 (disease or syndrome)) or ((jme or jmes) and epilep*) or "perioral myoclon*")
3	#1 or #2

K. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of seizures in Dravet syndrome?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 April 07; Embase Classic+Embase 1947 to 2021 April 07; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 April 07, 2021

Date of last search: 07 April 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	severe myoclonic epilepsy in infancy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez
2	(dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegtc* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeib or smeii).ti,ab.
3	or/1-2
4	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
5	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
6	5 use emczd, emcr
7	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
8	7 use ppez
9	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
10	or/6,8-9
11	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam or "ucb l 059" or ucb l059).ti,ab.
12	exp steroid/ use emczd, emcr or steroids/ use ppez or steroid*.sh. or steroid*.ti,ab.
13	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
14	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
15	bromide/ use emczd, emcr or exp bromides/ use ppez or (bromid* or hydrobromide*).ti,ab.

#	searches
16	midazolam/ use emczd, emcr,ppez or (buccolam or dalam or doricum or dormicum or dormonid or fortanest or fulsed or hypnoval or hypnovel or hypnoyvel or ipnovel or midacum or midazo or midazol or midazolam or midolam or miloz or versed).ti,ab.
17	cannabidiol/ use emczd, emcr,ppez or (cannabidiol or epidiolex or nabidiolex).ti,ab.
18	diazepam/ use emczd, emcr,ppez or (alboral or aliseum or alupram or amiprol or ansiolin or antenex or anxionil or apaurin* or apozepam or armonil or arzepam or assival or atensine or audium or azedipamin or benzopin or betapam or bialzepam or bialzezan or calmpose or caudel or cercin* or cersine or chlordiazeepam or compaz or desconet or diaceplex or dialag or dialar or diano or diapam or diapanil or diapax or diapin or diapine or diapo or diaquel or diastat or diazelium or diazem or diazemuls or diazepa* or diazezin or diazidem or dipaz or dipezona or dizac or doval or drenian or ducene or dupin or duxen or elcion or eridan or euphorin or eurosan or evacalm or fanstan or faustan or gewacalm or gubex or kratium or lamra or lembrol or lipodiazeepam or lorinon or lovium or melode or mentalium or methyl diazezinone or methyl diazezinone or morosan or neocalme or neurolytril or nivalen or noan or novazam or ortopsique or paceum or pacitran or paxum or placidox or plidan or propam or psychopax or q-pam or radizeepam or relanium or reliver or reposepan or saromet or sedapam or seduxen or serendin or setonil or sibazon or simasedan or sipam or sonacon or stesolid or stesolin or tanquo tablinen or tensium or tranimul or tranquirit or tranquo puren or trazepam or umbrium or valaxona or valiquid or valium or valpam or valrelease or vanconin or vatran or vazen or vival or vivol or zetran).ti,ab.
19	fenfluramine/ use emczd, emcr or (adipomin or fenflurami* or fenured or kataline or minifage or moderex or obedrex or pesos or phenfluramine or phenylethylamine or ponderal or ponderax or ponderex or pondimin or ponflural or rotondin).ti,ab.
20	stiripentol/ use emczd, emcr or (stiripentol* or diacomit).ti,ab.
21	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramat* or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitraz or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamax or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
22	or/4,10--21
23	3 and 22
24	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
25	24 use ppez
26	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
27	26 use ppez
28	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
29	28 use emczd, emcr
30	or/25,27,29
31	meta-analysis/
32	meta-analysis as topic/ or systematic reviews as topic/
33	"systematic review"/
34	meta-analysis/
35	(meta analy* or metanaly* or metaanaly*).ti,ab.
36	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
37	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
38	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
39	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
40	(search* adj4 literature).ab.
41	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
42	cochrane.jw.

#	searches
43	((pool* or combined) adj2 (data or trials or studies or results)).ab.
44	(or/31-32,35,37-43) use ppez
45	(or/33-34,38-43) use emczd, emcr
46	or/44-45
47	or/30,46
48	23 and 47
49	limit 48 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 4 of 12, April 2021; Cochrane Central Register of Controlled Trials, Issue 4 of 12, April 2021

Date of last search: 07 April 2021

#	searches
1	mesh descriptor: [epilepsies, myoclonic] explode all trees
2	((dravet* or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeb or smei)):ti,ab,kw
3	#1 or #2
4	mesh descriptor: [bromides] explode all trees
5	((bromid* or hydrobromide*)):ti,ab,kw
6	mesh descriptor: [midazolam] this term only
7	((buccolam or dalam or doricum or dormicum or dormonid or fortanest or fulsed or hypnoval or hypnovel or hypnoyvel or ipnovel or midacum or midazo or midazol or midazolam or midolam or miloz or versed)):ti,ab,kw
8	mesh descriptor: [cannabidiol] this term only
9	((cannabidiol or epidiolex or nabidiolex)):ti,ab,kw
10	mesh descriptor: [clobazam] explode all trees
11	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
12	mesh descriptor: [diazepam] explode all trees
13	((alboral or aliseum or alupram or amiprol or ansiolin or antenex or anxionil or apaurin* or apozepam or armonil or arzepam or assival or atensine or audium or azedipamin or benzopin or betapam or bialzepam or bialzepam or calmpose or caudel or cercin* or cersine or chlordiazeepam or compaz or desconet or diaceplex or dialag or dialar or diano or diapam or diapanil or diapax or diapin or diapine or diapo or diaquel or diastat or diazeliuim or diazem or diazemuls or diazepa* or diazopin or diazidem or dipaz or dipezona or dizac or doval or drenian or ducene or dupin or duxen or elcion or eridan or euphorin or eurosan or evacalm or fanstan or faustan or gewacalm or gubex or kratium or lamra or lembrol or lipodiazeepam or lorinon or lovium or melode or mentalium or methyl diazepepinon or methyl diazepepinone or morosan or neocalme or neurolytril or nivalen or noan or novazam or ortopsique or paceum or pacitran or paxum or placidox or plidan or propam or psychopax or "q-pam" or radizeepam or relanium or reliver or reposepan or saromet or sedapam or seduxen or serendin or setonil or sibazon or simasedan or sipam or sonacon or stesolid or stesolin or tanquo tablinen or tensium or tranimul or tranquirir or "tranquo puren" or trazepam or umbrium or valaxona or valiquid or valium or valpam or valrelease or vanconin or vatan or vazen or vival or vivol or zetran)):ti,ab,kw
14	mesh descriptor: [fenfluramine] explode all trees
15	((adipomin or fenflurami* or fenured or kataline or minifage or moderex or obedrex or pesos or phenfluoramine or phenylethylamine or ponderal or ponderax or ponderex or pondimin or ponflural or rotondin)):ti,ab,kw
16	mesh descriptor: [valproic acid] explode all trees
17	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chronosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chronosphere" or "ergenyl

#	searches
	retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropy acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab,kw
18	((stiripentol* or diacomit):ti,ab,kw
19	mesh descriptor: [topiramate] explode all trees
20	((epitomax or topamax or topiramate* or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramate* or topiramato or topiratore or topit or toramat or torlepta or trokendi):ti,ab,kw
21	mesh descriptor: [zonisamide] this term only
22	((excegran or excemid or zonegran or zonisamid*):ti,ab,kw
23	mesh descriptor: [steroids] this term only
24	(steroid*):ti,ab,kw
25	mesh descriptor: [levetiracetam] this term only
26	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam):ti,ab,kw
27	mesh descriptor: [diet, carbohydrate-restricted] this term only
28	mesh descriptor: [dietary fats] explode all trees
29	mesh descriptor: [glycemic index] this term only
30	mesh descriptor: [diet, ketogenic] this term only
31	mesh descriptor: [triglycerides] explode all trees
32	((adequate near/3 protein* or atkin* or keto* or kd* or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulac*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*):ti,ab,kw (word variations have been searched)
33	{or #4-#32}
34	#3 and #33

Database(s): DARE; HTA database - CRD interface

Date of last search: 07 April 2021

#	Searches
1	epilepsies, myoclonic explode all trees
2	((dravet* or ("intractable childhood epilepsy" near2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near2 (myoclonic or polymorphic) near2 epilepsy near/2 infancy) or smeb or smei))
3	#1 or #2

L. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of seizures in Lennox-Gastaut syndrome (LGS)?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to January 15, 2020; Embase Classic+Embase 1947 to 2020 January 15; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2020 January 15, 2020

Date of last search: 15 January 2020

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	lennox gastaut syndrome/ use emczd, emcr or lennox gastaut syndrome/ use ppez or generalized epilepsy/ use emczd, emcr or epileptic syndromes/ use ppez
2	(child* epileptic encephalopath* or gastaut or lennox or lgs).ti,ab.
3	1 or 2
4	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
5	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
6	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
7	ethosuximide/ use emczd, emcr or ethosuximide/ use ppez or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
8	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
9	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
10	9 use emczd, emcr
11	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
12	11 use ppez
13	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
14	or/10,12-13
15	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
16	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
17	levetiracetam/ use emczd, emcr, ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
18	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxocarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin).ti,ab.
19	rufinamide/ use emczd, emcr or rufinamide*.sh. or (banzel or inovelon or rufinamid* or xilep).ti,ab.
20	topiramate/ use emczd, emcr, ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitraz or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramos or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
21	valproic acid/ use emczd, emcr, ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
22	vigabatrin/ use emczd, emcr, ppez or (4 vinyl 4 aminobutyric acid or 4 vinylaminobutyric acid or 4 vinylgaba or gamma vinyl 4 aminobutyric acid or gamma vinyl gaba or gamma vinyl gamma

#	searches
	aminobutyric acid or gamma vinylgaba or n vinyl 4 aminobutyric acid or n vinyl gaba or n vinyl gamma aminobutyric acid or sabril sabrilex or vigadrone or sabril or sabrilex or vigabatrin or gamma vinyl gaba or gamma vinyl gamma aminobutyric acid).ti,ab.
23	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
24	felbamate/ use emczd, emcr, ppez or (felbamate or felbamyl or felbatol or taloxa).ti,ab.
25	pregabalin/ use emczd, emcr, ppez or (lyrica or pregabalin).ti,ab.
26	tiagabine/ use emczd, emcr, ppez or (gabitril or tiabex or tiagabine).ti,ab.
27	((anti epilep* or antiepilep* or anti convul* or anticonvuls* or anti seizure* or antiseizure*) adj2 (drug* or treatment*)).ti,ab.
28	or/4-8,14-27
29	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
30	29 use ppez
31	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly) or trial).ab.
32	31 use ppez
33	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
34	33 use emczd, emcr
35	or/30,32,34
36	meta-analysis/
37	meta-analysis as topic/ or systematic reviews as topic/
38	"systematic review"/
39	meta-analysis/
40	(meta analy* or metanaly* or metaanaly*).ti,ab.
41	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
42	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
43	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
44	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
45	(search* adj4 literature).ab.
46	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
47	cochrane.jw.
48	((pool* or combined) adj2 (data or trials or studies or results)).ab.
49	(or/36-37,40,42-48) use ppez
50	(or/38-41,43-48) use emczd, emcr
51	or/49-50
52	or/35,51
53	3 and 28 and 52
54	53
55	limit 54 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 01 of 12, January 2020; Cochrane Central Register of Controlled Trials, Issue 1 of 12, January 2020

Date of last search: 15 January 2020

#	searches
1	mesh descriptor: [lennox gastaut syndrome] explode all trees
2	((("childhood epileptic encephalopathy" or (lennox near/1 (gastaut or syndrome*)) or lgs)):ti,ab,kw
3	#1 or #2
4	mesh descriptor: [carbamazepine] explode all trees
5	mesh descriptor: [clobazam] this term only
6	mesh descriptor: [clonazepam] this term only
7	mesh descriptor: [ethosuximide] this term only
8	mesh descriptor: [gabapentin] this term only

#	searches
9	mesh descriptor: [diet, carbohydrate-restricted] explode all trees
10	mesh descriptor: [dietary fats] explode all trees
11	mesh descriptor: [glycemic index] this term only
12	mesh descriptor: [diet, ketogenic] this term only
13	mesh descriptor: [triglycerides] explode all trees
14	mesh descriptor: [lacosamide] this term only
15	mesh descriptor: [lamotrigine] this term only
16	mesh descriptor: [levetiracetam] this term only
17	mesh descriptor: [oxcarbazepine] this term only
18	mesh descriptor: [topiramate] this term only
19	mesh descriptor: [valproic acid] this term only
20	mesh descriptor: [vigabatrin] this term only
21	mesh descriptor: [zonisamide] this term only
22	mesh descriptor: [felbamate] this term only
23	mesh descriptor: [pregabalin] this term only
24	mesh descriptor: [tiagabine] this term only
25	((amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol)):ti,ab,kw
26	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab,kw
27	((aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril)):ti,ab,kw
28	((emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin)):ti,ab,kw
30	((adequate near/1 protein*) or atkin* or keto* or kd or (carbohydrate* near/1 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/1 (index or treat* or modulat*)) or ("high fat*" near/1 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*)):ti,ab,kw
31	((erlosamide or harkoseride or lacosamide or vimpat)):ti,ab,kw
32	((crisomet or labileno or lametil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium)):ti,ab,kw
33	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
34	((apydan or carbamazepine or oxcarbazepin* or oxocarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin)):ti,ab,kw
35	((banzel or inovelon or rufinamid* or xilep)):ti,ab,kw
36	((epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)):ti,ab,kw
37	((convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosome" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodera or "valproic acid" or valprosid or valprotek or valsup or vupral)):ti,ab,kw
38	((("4 vinyl 4 aminobutyric acid" or "4 vinylaminobutyric acid" or "4 vinylgaba" or "gamma vinyl 4 aminobutyric acid" or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid" or "gamma vinylgaba" or "n vinyl 4 aminobutyric acid" or "n vinyl gaba" or "n vinyl gamma aminobutyric acid" or "sabrill sabrilex" or vigadrone or sabril or sabrilex or vigabatrin or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid"))):ti,ab,kw
39	((excegran or excemid or zonegran or zonisamid*)):ti,ab,kw
40	((felbamate or felbamyl or felbatol or taloxa)):ti,ab,kw

#	searches
41	((lyrica or pregabalin)):ti,ab,kw
42	(((antiepilep* or anticonvul* or antiseizure*) near/1 (drug* or treatment*)) or (("anti epilep*" or "anti convul*" or "anti seizure*") near/1 (drug* or treatment*)):ti,ab,kw
43	{or #4-#42}
44	#3 and #43

Database(s): DARE; HTA database - CRD interface

Date of last search: 15 January 2020

#	searches
1	lennox gastaut syndrome explode all trees
2	((("childhood epileptic encephalopathy" or (lennox near1 (gastaut or syndrome*)) or lgs))
3	#1 or #2

M. What are the criteria for stopping antiseizure medications in people with epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to January 22, 2021; Embase Classic+Embase 1947 to 2021 January 22; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 January 22, 2021

Date of last search: 22 January 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ or landau kleffner syndrome/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emczd, emcr
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(convulsion* or dravet syndrome or epilep* or continous spike wave of slow sleep or landau kleffner syndrome or lennox gastaut syndrome or infant* spasm* or seizure* or west syndrome).ti,ab.
6	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or general?ed flexion epileps* or hysarrhythmia* or ((jackknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
7	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or general?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
8	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrotemporal adj2 spike*) or cects

#	searches
	or ((centralopathic or centrotemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm*))).ti,ab.
9	or/2,4-8
10	anticonvulsive agent/ use emczd, emcr or exp anticonvulsants/ use ppez
11	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
12	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
13	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
14	corticotropin/ use emczd, emcr or exp adrenocorticotrophic hormone/ use ppez or adrenocorticotrophic hormone*.sh. or (acethropan or acetophran or acortan or acorto or acth or acthar or acthelea or acthon or acton or actonar or actrope or adactan or (adrenal cortex adj (trophic or tropic) adj hormone) or adrenocorticaltrophormon or adrenocorticotrop* or adrenocorticotrop* or adrenocorticotrophin or adrenocorticotrophic hormone or adrenocorticotropin* or adrenomone or adrenotropin or cibacthen or corticotrophin* or corticotropic or corticotropin* or cortigel or cortilin or cortiphyson or cortosyn or cortrophin* or cortropin or cortrosyn or cosyntropin* or cotrophin* or exactin or hp acthar gel or humacthid or humactid or porcine acth or porcine corticotropin or procortan or reacthin or s cortophin or solacthyl or synacthen retard or tetracosactide or tetracosactrin or tetracosapeptide).ti,ab.
15	ethosuximide/ use emczd, emcr or ethosuximide/ (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
16	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
17	hydrocortisone*.hw. use emczd, emcr or hydrocortisone/ use ppez or (17 hydroxycorticosterone or acticort or aeraseb hc or ala-cort or ala-scalp or alfacort or algicortis or alkindi or alpha derm or alphaderm or anucort-hc or anumed-hc or anutone-hc or aquanil hc or balneol-hc or barseb hc or beta-hc or biacort or cetacort or cobadex or colocort or compound f or cordicare lotion or coripen or cort dome or cortef or cortenema or cortibel or corticorenol or cortifair or cortifan or cortiphate or cortisol or cortisole or cortispray or cortoderm or cortril or cotacort or covocort or cremicort-h or cutaderm or dermacrin hc lotion or dermaid or derm-aid cream or dermaid soft cream or dermocare or dermocortal or dermolate or dioderm or ezcacort or ef cortelan or efcortelan or egocort or eksalb or eldecort or emo-cort or epicort or epicortisol or ficortril or filocot or flexicort or glycort or gly-cort or h-cort or hebcort or hemorrhoidal hc or hemril-30 or hemril-hc uniserts or hi-cor or hidrotisona or hycor or hycort or hydracort or hydrasson or hydro ricortex or hydrocort or hydrocorticosteroid or hydrocortisate or hydrocortisone or hydrocortisone or hydrocortisonum or hydrocortisyl or hydrocortone or hydrogalen or hydrokort or hydrokortison or hydro-rx or hydrotopic or hysone or hytisone or hytone or incortin h or instacort 10 or kyypakkaus or lacticare hc or lemnis fatty cream hc or lenirit or medihaler cort or medihaler duo or medrociol or mildison or mitocortyl demangeaisons or munitren or nogenic hc or novohydrocort or nutracort or optef or otosone f or penecort or plenadren or prepcort or prevex h or pro cort or procort or proctocort or procto-kit or proctosol-hc or proctosone or proctozone or procutan or rectasol-hc or rectocort or rederm or sanatison or scalp-aid or schericur or scherosone or sistral hydrocort or skincalm or stie-cort or substance m or synacort or texacort or triburon-hc or unicort or vasocort).ti,ab.
18	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
19	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
20	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.

#	searches
21	nitrazepam/ use emczd, emcr, ppez or (apodorm or atempol or benzalin or dormalon or dormo-puren or dumolid or eatan or eunoctin or hypnotex or imadorm or imeson or insomin or mogadan or nelbon or nirven or nitra zepam or nitrados or nitravet or nitrazadon or nitrazep or nitrazepam or nitrodiazepam or novanox or pacisyn or radedorm or remnos or restorem or rhoxal nitrazepam or rhoxal-nitrazepam or sedamon or serenade or somnased or somnibel n or somnite).ti,ab.
22	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or trileptin or trileptin).ti,ab.
23	prednisolone*.hw. use emczd, emcr or exp prednisolone/ use ppez or (adelcort or antisolon* or aprednisolon* or benisolon* or berisolon* or caberdelta or capsoid or co hydeltra or codelcortone or compresolon or cortadelton* or cortalone or cortelinter or cortisolone or cotolone or dacortin or decaprednil or decortril or dehydro cortex or dehydro hydrocortison* or dehydrocortex or dehydrocortisol* or dehydrohydrocortison* or delcortol or delta cortef or delta cortril or delta ef cortelan or delta f or delta hycortol or delta hydrocortison* or delta ophthor or delta stab or delta 1 dehydrocortisol or delta1 dehydrohydrocortisone or delta1 hydrocortisone or deltacortef or delta-cortef or deltacortenolo or deltacortil or deltacortoil or deltacortril or deltaderm or deltaglycortril or deltahycortol or deltahydrocortison* or deltaophthor or deltasolone or deltabastab or deltidrosol or deltilolon* or deltilosone or deltolasson or deltolassone or deltosona or deltosone or depo-predate or dermosolon or dhasolone or di adreson* or diadreson* or diadresonf or di-adreson-f or dicortol or domucortone or encortelon* or encortolon* or equisolon or fernisolone-p or glistelone or hefasolon or hostacortin or hydeltra or hydeltrone or hydrelta or hydrocortancyl or hydrocortidelt or hydrodeltalone or hydrodeltisone or hydroretrocortin* or inflanefran or insolone or keteocort h or key-pred or lenisolone or leocortol or liquipred or lygal or kopftinktur n or mediasolone or meprisolon* or metacortalon* or metacortandralon* or metacortelone or meti derm or meticortelone or metiderm or meti-derm or morlone or mydrapred or neo delta or nisolon or nisolone or opredsone or panafcortelone or panafcortolone or panafort or paracortol or phlogex or pre cortisyl or preconin or precortalon or precortancyl or precortisyl or predacort 50 or predaject-50 or predalone 50 or predartrin* or predate or predeltilone or predisole or predisyr or pred-ject-50 or predne dome or prednecort or prednedome or prednelan or predni coelin or predni h tablinen or prednicoelin or prednicort * or prednifor drops or predni-helvacort or predniment or predniretard or prednis or prednisil or prednisolon* or prednivet or prednorsolon* or predonine or predorgasolon* or prelon or prelone or prenilone or prenin or prenlone or preventan or prezolon or rubycort or scherisolon* or serilone or solondo or solone or solupren* or spiricort or spolutane or sterane or sterolone or supercortisol or taracortelone or walesolone or wysolone).ti,ab.
24	prednisone/ use emczd, emcr or prednisone/ use ppez or (ancortone or biocortone or colisone or cortan or cortancyl or cortidelt or cortiprex or cutason or dacorten or dacortin or de cortisyl or decortancyl or decortin* or decortisyl or dihydrocortisone or dekortin or delitisona or dellacort a or delta 1 dehydrocortisone or delta cortelan or delta cortisone or delta dome or delta e or delta prenovis or deltacorten* or deltacortisone or delta-cortisone or deltacortone or delta-dome or deltasone or deltison or deltisona or deltra or di adreson or diadreson or drazone or encorton* or enkortolon or enkorton or fernisone or hostacortin or insone or kortancyl or liquid pred or lodotra or me-korti or meprison or metacortandracin or meticorten or meticortine or nisona or orasone or orisane or panafcort or panasol or paracort or pehacort or precort or precortal or predni tablinen or prednicen-m or prednicorm or prednicot or prednidib or predniment or prednison* or prednisone or prednitone or pronison or pronisone or pronizone or pulmison or rayos or rectodelt or servisona or sone or steerometz or sterapred or ultracorten or urtilone or winpred).ti,ab.
25	pyridoxine/ use emczd, emcr, ppez or pyridoxine*.sh. or (adermine or becilan or beesix or benadon or bexivit or bonadon or bonasanit or campoviton 6 or esa b or gravidox or hexa betalin or hexabetalin or hexabione or hexavibex or hexermin or hexobion or pabroxin or piridoxin* or pyridipca or pyridosine or pyridoxin* or pyridoxin* or pyridoxinium or pyridoxol or pyrivel or pyroxin or rodex or uvimag b6 or viderma or vitamin* b6).ti,ab.
26	rufinamide/ use emczd, emcr or rufinamide*.sh. or (banzel or inovelon or rufinamid* or xilep).ti,ab.
27	exp steroid/ use emczd, emcr or steroids/ use ppez or steroid*.sh. or steroid*.ti,ab.
28	sultiame/ use emczd, emcr or (conadil or contravul or elisal or ospolot or riker or sulphenytyame or sultiame or sultiam* or trolone).ti,ab.

#	searches
29	tetracosactide/ use emczd, emcr or cosyntropin/ use ppez or (acth or actholain or adrenocorticotropin or corticotropin or cortosyn or cortrosinta depot or cortrosyn or cosyntropin or depot tetracosactrin or nuvacthen or synacten or synacthen* or synacthin* or synathen or synthetic acth or tetracosactid* or tetracosactin* or tetracosapeptide).ti,ab.
30	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
31	vagus nerve stimulation/ use emczd, emcr or vagus nerve stimulation/ use ppez or ((vagal or vagus) adj2 (activity or stimulat*)).ti,ab.
32	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerim or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
33	vigabatrin/ use emczd, emcr,ppez or (4 vinyl 4 aminobutyric acid or 4 vinylaminobutyric acid or 4 vinylgaba or gamma vinyl 4 aminobutyric acid or gamma vinyl gaba or gamma vinyl gamma aminobutyric acid or gamma vinylgaba or n vinyl 4 aminobutyric acid or n vinyl gaba or n vinyl gamma aminobutyric acid or sabril sabrilex or vigadrone or sabril or sabrilex or vigabatrin or gamma vinyl gaba or gamma vinyl gamma aminobutyric acid).ti,ab.
34	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
35	bromide/ use emczd, emcr or exp bromides/ use ppez or (bromid* or hydrobromide*).ti,ab.
36	midazolam/ use emczd, emcr,ppez or (buccolam or dalam or doricum or dormicum or dormonid or fortanest or fulsed or hypnoval or hypnovel or hypnoyvel or ipnovel or midacum or midazo or midazol or midazolam or midolam or miloz or versed).ti,ab.
37	cannabidiol/ use emczd, emcr,ppez or (cannabidiol or epidiolex or nabidiolex).ti,ab.
38	diazepam/ use emczd, emcr,ppez or (alboral or aliseum or alupram or amiprol or ansiolin or antenex or anxonil or apaurin* or apozepam or armonil or arzepam or assival or atensine or audium or azedipamin or benzopin or betapam or bialzepam or bialzeban or calmpose or caudel or cercin* or cersine or chlordiazepam or compaz or desconet or diaceplex or dialag or dialar or diano or diapam or diapanil or diapax or diapin or diapine or diapo or diaquel or diastat or diazelium or diazem or diazemuls or diazepa* or diazepin or diazidem or dipaz or dipezona or dizac or doval or drenian or ducene or dupin or duxen or elcion or eridan or euphorin or eurosan or evacalm or fanstan or faustan or gewacalm or gubex or kratium or lamra or lembrol or lipodiazepam or lorinon or lovium or melode or mentalium or methyl diazepinon or methyl diazepinone or morosan or neocalme or neurolytril or nivalen or noan or novazam or ortopsique or paceum or pacitran or paxum or placidox or plidan or propam or psychopax or q-pam or radizepam or relanium or reliver or reposepan or saromet or sedapam or seduxen or serendin or setonil or sibazon or simasedan or sipam or sonacon or stesolid or stesolin or tanquo tablinen or tensium or tranimul or tranquiril or tranquo puren or trazepam or umbrim or valaxona or valiquid or valium or valpam or valrelease or vanconin or vatran or vazen or vival or vivol or zetran).ti,ab.
39	fenfluramine/ use emczd, emcr or (adipomin or fenflurami* or fenured or kataline or minifage or moderex or obedrex or pesos or phenfluoramine or phenylethylamine or ponderal or ponderax or ponderex or pondimin or ponflural or rotondin).ti,ab.

#	searches
40	stiripentol/ use emczd, emcr or (stiripentol* or diacomit).ti,ab.
41	acetazolamide/ use emczd, emcr or acetazolamide/ use ppez
42	(acetadiazol or acetamox or acetazol amide or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetozolamine or ak zol or akzol or albox or apoacetazolamide or azetazolamide or carbinib or carbonic anhydrase inhibitor or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glauconox or glaupax or huma zolamide or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil).ti,ab.
43	(corpus callosotomy or felbamate or rufinamide).ti,ab,sh.
44	mesuximide/ use emczd, emcr
45	(alpha methylphensuximide or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin).ti,ab.
46	phenobarbital/ use emczd, emcr or exp phenobarbital/ use ppez
47	(adonal or aephenal or agrypna or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellen or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbronal or cardenal or cemalonal or codibarbitol or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettae or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or hennoletten or hypnaletten or hypno tablinetten or hypnogen fragner or hypnolone or hypno-tablinetten or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or leonal leo or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokla or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or monosodium salt or neurobarb or nirvonal or noptil or nova pheno or nunol or parkotal or pharmetten or phen bar or phenaemal or phenemal or phenethylbarbital sodium or phenobal or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or phenyl ethyl barbituric acid or phenylbarbital or phenylethyl barbituric acid or phenylethylbarbituric acid or phenylethylmalonyl urea or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or seda tablinen or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or sombutol mcclung or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triabarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal).ti,ab.
48	primidone/ use ppez or primidone/ use emczd, emcr
49	(apo-primidone or cyral or desoxyphenobarbital or desoxyphenobarbitone or hexadiona or lepsiral or liskantin or liskantin or majsolin or midone or misodine or mizodin or mutigan or mylepsin or mylepsinum or mysolin or mysoline or neurosyn or primaclone or primaclone or primadone or primidon* or prysoline or pyrimidone or resimatil or sertan).ti,ab.
50	phenytoin/ use emczd, emcr or phenytoin/ use ppez
51	(alepsin or aleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyil or di hydan or difenin or difetoin or differenin or difhydan or dihydan or di-hydan or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or di-phen or diphenin* or diphentoin or diphenyl hydantoin or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or lepitoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phentytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil).ti,ab.
52	perampanel/ use emczd, emcr

#	searches
53	(fycompa or perampanel).ti,ab.
54	brivaracetam/ use emczd, emcr
55	(brivaracetam or brivlera or nubriveo or rikelta).ti,ab.
56	exp eslicarbazepine/ use emczd, emcr
57	(eslicarbazepin* or aptiom or zebinix).ti,ab.
58	stiripentol/ use emczd, emcr or (stiripentol* or diacomit).ti,ab.
59	or/10-58
60	59 and (abstain* or abstinem* or stop* or withdraw*).ti,ab,hw.
61	((drug*1 or polydrug* or substance*) adj3 (abstain* or abstinem* or stop* or withdraw*)).ti,ab.
62	9 and or/60-61
63	limit 62 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 01 of 12, January 2021; Cochrane Central Register of Controlled Trials, Issue 1 of 12, January 2021

Date of last search: 22 January 2021

#	searches
1	mesh descriptor: [epilepsy] explode all trees
2	mesh descriptor: [seizures] this term only
3	mesh descriptor: [seizures, febrile] this term only
4	mesh descriptor: [status epilepticus] explode all trees
5	(convulsion* or "dravet syndrome" or epilep* or "continuous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome"):ti,ab
6	((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "generalized flexion epileps*" or hypsarrhythmia* or ((jackknife or "jack nife" or lightning or nodding or salaam) next (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome"):ti,ab
7	((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy"):ti,ab (absence or astatic or atonic or tonic or "tonic clonic") near/2 (seizure* or spasm*):ti,ab
8	(bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrottemporal near/2 spike*) or cects or ((centralopathic or centrottemporal or "temporal-central focal") next (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)):ti,ab
9	{or #1-#8}
10	mesh descriptor: [anticonvulsants] explode all trees
11	mesh descriptor: [carbamazepine] explode all trees
12	(amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol):ti,ab
13	mesh descriptor: [clobazam] this term only
14	(chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl):ti,ab
15	mesh descriptor: [clonazepam] this term only

#	searches
16	(aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktrivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril):ti,ab
17	mesh descriptor: [adrenocorticotrophic hormone] explode all trees
18	(acethropan or acetophran or acortan or acorto or acth or acthar or acthelea or acthon or acton or actonar or actrope or adactan or (“adrenal cortex” next (trophic or tropic) next hormone) or adrenocorticaltrophormon or adrenocorticotrop* or adrenocorticotrop* or adrenocorticotrophin or “adrenocorticotrophic hormone” or adrenocorticotropin* or adrenomone or adrenotropin or cibacthen or corticotrophin* or corticotropic or corticotropin* or cortigel or cortilin or cortiphyson or cortosyn or cortrophin * or cortropin or cortrosyn or cosyntropin* or cotrophin* or exactin or “hp acthar gel” or humacthid or humactid or “porcine acth” or “porcine corticotropin” or procortan or reacthin or “s cortophin” or solacthyl or “synacthen retard” or tetracosactide or tetracosactrin or tetracosapeptide):ti,ab
19	mesh descriptor: [ethosuximide] this term only
20	(emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or succsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin):ti,ab
21	mesh descriptor: [gabapentin] this term only
22	(apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin):ti,ab
23	mesh descriptor: [hydrocortisone] explode all trees
24	(hydroxycorticosterone or acticort or “aeroseb hc” or “ala-cort” or “ala-scalp” or alfacort or algicortis or alkindi or “alpha derm” or alphaderm or “anucort-hc” or “anumed-hc” or “anutone-hc” or “aquanil hc” or “baleol-hc” or “barseb hc” or “beta-hc” or biacort or cetacort or cobadex or colocort or “compound f” or “cordicare lotion” or coripen or “cort dome” or cortef or cortenema or cortibel or corticorenol or cortifair or cortifan or cortiphate or cortisol or cortisolole or cortispray or cortoderm or cortril or cotacort or covocort or “cremicort-h” or cutaderm or “dermacrin hc lotion” or dermaid or “derm-aid cream” or “dermaid soft cream” or dermocare or dermocortal or dermolate or dioderm or eczacort or “ef cortelan” or efcortelan or egocort or eksalb or eldecort or “emo-cort” or epicort or epicortisol or ficortril or filocot or flexicort or glycort or “gly-cort” or “h-cort” or hebcort or “hemorrhoidal hc” or “hemril-30” or “hemril-hc uniserts” or “hi-cor” or hidrotisona or hycor or hycort or hydracort or hydrasson or “hydro ricortex” or hydrocort or hydrocorticosteroid or hydrocortisate or hydrocortisone or hydrocortisone or hydrocortisonum or hydrocortisyl or hydrocortone or hydrogalen or hydrokort or hydrokortison or “hydro- rx” or hydrotopic or hysone or hytisona or hytone or “incortin h” or “instacort 10” or kyypakkaus or “lacticare hc” or “lemnis fatty cream hc” or lenirit or “medihaler cort” or “medihaler duo” or medrocil or mildison or “mitocortyl demangeaisons” or munitren or “nogenic hc” or novohydrocort or nutracort or optef or “otosone f” or penecort or plenadren or prepcort or “prevex h” or “pro cort” or procort or proctocort or “procto-kit” or “proctosol-hc” or proctosone or proctozone or procutan or “rectasol-hc” or rectocort or rederm or sanatison or “scalp-aid” or schericur or scherosone or “sistral hydrocort” or skincalm or “stie-cort” or “substance m” or synacort or texacort or triburon-hc or unicort or vasocort):ti,ab
25	mesh descriptor: [lacosamide] this term only
26	(erlosamide or harkoseride or lacosamide or vimpat):ti,ab
27	mesh descriptor: [lamotrigine] this term only
28	(crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium):ti,ab
29	mesh descriptor: [levetiracetam] this term only
30	(elepsia or keppra or kopodex or levetiracetam* or matever or spritam):ti,ab
31	mesh descriptor: [nitrazepam] this term only
32	(apodorm or atempol or benzalin or dormalon or “dormo-puren” or dumolid or eatan or eunoctin or hypnotex or imadorm or imeson or insomin or mogadan or nelbon or nirven or “nitra zepam” or nitrados or nitravet or nitrazadon or nitrazep or nitrazepam or nitrodiazepam or novanox or pacisyn or radedorm or remnos or restorem or “rhoxal nitrazepam” or “rhoxal-nitrazepam” or sedamon or serenade or somnased or “sommibel n” or somnite):ti,ab
33	mesh descriptor: [oxcarbazepine] this term only
34	(apydan or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin):ti,ab
35	mesh descriptor: [prednisolone] explode all trees
36	(adelcort or antisolon* or aprednislon* or benisolon* or berisolon* or caberdelta or capsoid or “co hydeltra” or codelcortone or compresolon or cortadelton* or cortalone or cortelinter or cortisolone or cotolone or dacortin or decaprednil or decortril or “dehydro cortex” or “dehydro hydrocortison**” or dehydrocortex or dehydrocortisol* or dehydrohydrocortison* or delcortol or “delta cortef” or “delta cortril” or “delta ef cortelan” or “delta f” or “delta hycortol” or “delta hydrocortison*” or “delta ophticor” or “delta stab” or “delta1 dehydrocortisol” or “delta1 dehydrohydrocortisone” or “delta1 hydrocortisone” or

#	searches
	deltacortef or "delta-cortef" or deltacortenolo or deltacortil or deltacortoil or deltacortril or deltaderm or deltaglycortril or deltaglycortol or deltaglycortison* or deltaopticot or deltasolone or deltastab or deltidrosol or deltilsolon* or deltilsolone or deltilolasson or deltilolassone or deltilosona or deltilosone or "depo-predate" or dermosolon or dhasolone or "di adreson*" or diadreson* or diadresonf or "di-adreson-f" or dicortol or domucortone or encortelon* or encortolon* or equisolon or "fernisolone-p" or glistelone or hefasolon or hostacortin or hydeltra or hydeltrone or hydrelta or hydrocortancyl or hydrocortidelt or hydrodeltalone or hydrodeltisone or hydroretrocortin* or inflanefran or insolone or "keteocort h" or "key-pred" or lenisolone or leocortol or liquipred or lygal or "kopftinktur n" or mediasolone or meprisolon* or metacortalon* or metacortandralon* or metacortelone or "meti derm" or meticortelone or metiderm or "meti-derm" or morlone or mydrapred or "neo delta" or nisolon or nisolone or opredstone or panafcortelone or panafcortolone or panafort or paracortol or phlogex or "pre cortisyl" or preconin or precortalon or precortancyl or precortisyl or "predacort 50" or "predaject-50" or "predalone 50" or predartrin* or predate or predeltilone or predisole or predisyr or "pred-ject-50" or "predne dome" or prednecort or prednedome or prednelan or "predni coelin" or "predni h tablinen" or prednicoeilin or prednicort* or "prednifor drops" or "predni-helvacort" or predniment or predniretard or prednis or prednisil or prednisolon* or prednivet or prednorsolon* or predonine or predorgasolon* or prelon or prelone or prenilone or prenin or prenolone or preventan or prezolon or rubycort or scherisolon* or serilone or solondo or solone or solupren* or spiricort or spolutane or sterane or sterolone or supercortisol or taracortelone or walesolone or wysolone):ti,ab
37	mesh descriptor: [prednisone] this term only
38	(ancortone or biocortone or colisone or cortan or cortancyl or cortidelt or cortiprex or cutason or dacorten or dacortin or "de cortisyl" or decortancyl or decortin* or decortisyl or dihydrocortisone or dekortin or delitisona or "dellacort a" or "delta 1 dehydrocortisone" or "delta cortelan" or "delta cortisone" or "delta dome" or "delta e" or "delta prenovis" or deltacorten* or deltacortisone or "delta-cortisone" or deltacortone or "delta-dome" or deltasone or deltison or deltisona or deltra or "di adreson" or diadreson or drazone or encorton* or enkortolon or enkorton or fernisone or hostacortin or insone or kortancyl or "liquid pred" or lodotra or "me-korti" or meprison or metacortandracin or meticorten or meticortine or nisona or orasone or orisane or panafcort or panasol or paracort or pehacort or precort or precortal or "predni tablinen" or "prednicen-m" or prednicorm or prednicot or prednidib or predniment or prednison* or prednisone or prednitone or pronison or pronisone or pronizone or pulmison or rayos or rectodelt or servisone or sone or steerometz or sterapred or ultracorten or urtilone or winpred):ti,ab
39	mesh descriptor: [pyridoxine] this term only
40	(adermine or becilan or beesix or benadon or bexivit or bonadon or bonasanit or "campoviton 6" or "esa b" or gravidox or "hexa betalin" or hexabetalin or hexabione or hexavibex or hexermin or hexobion or pabroxin or piridoxin* or pyridipca or pyridosine or pyridoxin* or pyridoxin* or pyridoxinium or pyridoxol or pyrirel or pyroxin or rodex or uvimag b6 or viderma or "vitamin* b6"):ti,ab
41	(banzel or inovelon or rufinamid* or xilep):ti,ab
42	mesh descriptor: [steroids] this term only
43	steroid*:ti,ab
44	(conadil or contravul or elisal or ospolot or riker or sulphenytame or sulthiame or sultiam* or trolone):ti,ab
45	mesh descriptor: [cosyntropin] this term only
46	(acth or actholain or adrenocorticotropin or corticotropin or cortosyn or "cortrosinta depot" or cortrosyn or cosyntropin or "depot tetracosactrin" or nuvacthen or synacten or synacthen* or synacthin* or synathen or "synthetic acth" or tetracosactid* or tetracosactin* or tetracosapeptide):ti,ab
47	mesh descriptor: [topiramate] this term only
48	(epitomax or topamax or topiramat* or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitram or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramos or sincronil or talopam or tiramat or topaben or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi):ti,ab
49	mesh descriptor: [vagus nerve stimulation] this term only
50	((vagal or vagus) near/2 (activity or stimulat*)):ti,ab
51	mesh descriptor: [valproic acid] this term only
52	(convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetetic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilam or epilex or "epilim chrono" or "epilim chronosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chronosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate"

#	searches
	or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valeril or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab
53	mesh descriptor: [vigabatrin] this term only
54	("4 vinyl 4 aminobutyric acid" or "4 vinylaminobutyric acid" or "4 vinylgaba" or "gamma vinyl 4 aminobutyric acid" or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid" or "gamma vinylgaba" or "n vinyl 4 aminobutyric acid" or "n vinyl gaba" or "n vinyl gamma aminobutyric acid" or "sabrill sabrillex" or vigadrone or sabril or sabrillex or vigabatrin or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid"):ti,ab
55	mesh descriptor: [zonisamide] this term only
56	(excegran or excemid or zonegran or zonisamid*):ti,ab
57	mesh descriptor: [bromides] explode all trees
58	(bromid* or hydrobromide*):ti,ab
59	mesh descriptor: [midazolam] this term only
60	(buccolam or dalam or doricum or dormicum or dormonid or fortanest or fulsed or hypnoval or hypnovel or hypnoyvel or ipnovel or midacum or midazo or midazol or midazolam or midolam or miloz or versed):ti,ab
61	mesh descriptor: [cannabidiol] this term only
62	(cannabidiol or epidiolex or nabidiolex):ti,ab
63	mesh descriptor: [diazepam] explode all trees
64	(alboral or aliseum or alupram or amiprol or ansiolin or antenex or anxionil or apaurin* or apozepam or armonil or arzepam or assival or atensine or audium or azedipamin or benzopin or betapam or bialzepam or bialzepam or calmpose or caudel or cercin* or cersine or chlordiaepam or compaz or desconet or diaceplex or dialag or dialar or diano or diapam or diapanil or diapax or diapin or diapine or diapo or diaquel or diastat or diazelium or diazem or diazemuls or diazepa* or diazepin or diazidem or dipaz or dipezona or dizac or doval or drenian or ducene or duxen or dupin or elcion or eridan or euphorin or eurosan or evacalm or fanstan or faustan or gewacalm or gubex or kratium or lamra or lembrol or lipodiaepam or lorinon or lovium or melode or mentalium or methyldiazepinon or methyldiazepinone or morosan or neocalme or neurolytril or nivalen or noan or novazam or ortopsique or paceum or pacitrans or paxum or placidox or plidan or propam or psychopax or "q-pam" or radizepam or relanium or reliver or reposepan or saromet or sedapam or seduxen or serendin or setonil or sibazon or simasedan or sipam or sonacon or stesolid or stesolin or "tanquo tablinen" or tensium or tranimul or tranquiril or "tranquo puren" or trazepam or umbrium or valaxona or valiquid or valium or valpam or valrelease or vanconin or vatran or vazen or vival or vivol or zetran):ti,ab
65	mesh descriptor: [fenfluramine] explode all trees
66	(adipomin or fenflurami* or fenured or kataline or minifage or moderex or obedrex or pesos or phenfluoramine or phenylethylamine or ponderal or ponderax or ponderex or pondimin or ponflural or rotondin):ti,ab
67	(stiripentol* or diacomit):ti,ab
68	(conadil or contravul or elisal or ospolot or riker or sulphenyntame or sulthiame or sultiam* or trolone):ti,ab
69	mesh descriptor: [acetazolamide] this term only
70	(acetadiazol or acetamox or acetazol amide or acetazolam or acetazolamid* or acetazolamine or acetazoleamid* or acetozolamine or "ak zol" or akzol or albox or apoacetazolamide or azetazolamide or carbinib or "carbonic anhydrase inhibitor" or cidamex or dazamide or defiltran or dehydratin or diacarb or diamox or diluran or diomax or diuramid* or diutazol or edemox or eumicton or fonurit or genephamide or glaucomed* or glaucnox or glaupax or "huma zolamide" or humazolamide or ledamox or lediamox or ledimox or natrionex or nephramid or novozolamide or storzolamide or ulcosilvanil or ulcosylvanil):ti,ab
71	("corpus callosotomy" or felbamate or rufinamide).ti,ab,kw.
72	("alpha methylphensuximide" or celontin or methosuximide or celontine or mesuximide or methsuximide or methylsuximide or metsuccimide or petinutin):ti,ab
73	mesh descriptor: [phenobarbital] this term only
74	(adonal or aephenal or agrypnaal or alepsal or amylofene or andral or aparoxal or aphenylbarbit or aphenyletten or atrofen or austrominal or barbapil or barbellan or barbenyl or barbilettae or barbilixir or barbinal or barbiphen or barbiphenyl or barbivis or barbonal or barbonalett or barbophen or bardorm or bartol or bialminal or calmetten or calminal or carbronal or cardenal or cemalonal or codibarbital or coronaletta or cratecil or damoral or dezibarbitur or dormina or dormiral or dromural or ensobarb or ensodorm or epanal or epidorm or epilol or episedal or epsylone or eskabarb or etilfen or euneryl or fenbital or fenemal or fenobarbital or fenolbarbital or fenosed or fenylettaa or gardenal* or gardepanyl or glysoletten or haplopan or haplos or helional or hennoletten or hypnaletten or "hypno tablinetten" or

#	searches
	"hypnogen fragner" or hypnolone or "hypno-tablinetten" or hypnotal or hypnotalon or hysteps or hysteps or lefebar or leonal or leonal leo or lephebar or lepinal or lethyl or linasen or liquital or lixophen or lubergal or lubrokal or lumesettes or lumesyn or luminal or luminale or luminaletas or luminalette or luminaletten or luminalettes or luminalum or lumofridetten or luphenil or luramin or menobarb or molinal or "monosodium salt" or neurobarb or nirvonol or noptil or "nova pheno" or nunol or parkotal or pharmetten or "phen bar" or phenaemal or phenemal or "phenethylbarbital sodium" or phenobarb or phenobarb or phenobarbital or phenobarbitol or phenobarbiton or phenobarbitone or phenobarbitural or phenobarbyl or phenonyl or phenotal or phenoturic or phenoyl or pentobarbital or "phenyl ethyl barbituric acid" or phenylbarbital or "phenylethyl barbituric acid" or "phenylethylbarbituric acid" or "phenylethylmalonyl urea" or phenylethylmalonylurea or phenyletten or phenyral or polcominal or promptonal or "seda tablinen" or sedabar or sedicat or sedizorin or sedlyn or sedofen or sedonal or sedonettes or seneval or sevenal or "sombutul mcclung" or somnolens or somnoletten or somnosan or somonal or spasepilin or starifen or starilettae or stental or teolaxin or theolaxin or triarbarb or tridezibarbitur or uni-feno or versomnal or wakobital or zadoletten or zadonal):ti,ab
75	mesh descriptor: [primidone] this term only
76	("apo-primidone" or cyral or desoxyphenobarbital or desoxyphenobarbitone or hexadiona or lepsiral or liskantin or liskantint or majsolin or midone or misodine or mizodin or mutigan or mylepsin or mylepsinum or mysolin or mysoline or neurosyn or primaclone or primaclone or primadone or primidon* or prysoline or pyrimidone or resimatil or sertan):ti,ab
77	mesh descriptor: [phenytoin] this term only
78	(alepsin or aleviatin or antilepsin or antisacer or cansoin or citrullamon or comital or cumatil or danten or dantoin or denyl or "di hydan" or difenin or difetoin or differenin or difhydan or dihydan or "di-hydan" or dilantin or dilantin or dintoin or dintoina or diphantoin* or diphedal or diphedan or "di-phen" or diphenin* or diphentoin or "diphenyl hydantoin" or diphenylan or diphenyldantoin or diphenylhydantoin* or diphenytoin or ditoin or ditomed or ekko or epamin or epanutin or epelin or epilan or epilantin or eptal or eptoin or felantin or fenantoin or fenatoin or fenidantoin or fenitoin or fenytoin* or hidanil or hidantal or hydantin or hydantinal or hydantoinal or hydantol or idantoin or lehydan or lepitoin or minetoin or neosidantoina or phenhydan or phenhydane or phenilep or phentytoin or phenybin or phenydan or phenydantin or phenytek or phenytek or phenytoin* or pyoredol or sanepil or sodantoin or sodanton or solantoin or solantyl or tacosal or vasilcon or zentropil):ti,ab
79	(fycompa or perampanel):ti,ab
80	(brivaracetam or brivlera or nubriveo or rikelta):ti,ab
81	(eslicarbazepin* or aptiom or zebinix):ti,ab
82	(stiripentol* or diacomit):ti,ab
83	{or #10-#82}
84	#83 and (abstain* or abstinen* or stop or stopping or withdraw*).ti,ab,kw.
85	((drug* or polydrug* or substance*) near/3 (abstain* or abstinen* or withdraw*)):ti,ab
86	#9 and (#84 or #85)

Database(s): DARE; HTA database - CRD interface Date of last search: 22 January 2021

#	searches
1	mesh descriptor seizures this term only
2	mesh descriptor epilepsy explode all trees
3	mesh descriptor seizures, febrile this term only
4	mesh descriptor: [status epilepticus] explode all trees
5	(convulsion* or "dravet syndrome" or epilep* or "continous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome")
6	((early or infantile) near2 myoclonic near2 encephalopath*) or ((early or infantile) near2 epileptic near2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near2 (seizure* or spasm*)) or "generalized flexion epileps*" or hypsarhythmia* or ((jackknife or "jack nife" or lightening or nodding or salaam) next (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*")
7	((myoclonic near2 (astatic or atonic)) or (myoclonic near3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") ((absence or astatic or atonic or tonic or "tonic clonic") near2 (seizure* or spasm*))
8	(bcects or bects or brec or "benign epilepsy" or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 epileps*) or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near3 (convulsion* or epileps*) near2 centrottemporal near2 spike*) or cects or ((centralopathic or centrottemporal or "temporal-central focal") next (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near2 (convulsion* or epileps* or seizure* or spasm*)))

#	searches
9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8

N. What are the criteria for referral to specialist services?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to May 07, 2020; Embase Classic+Embase 1947 to 2020 May 07; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2020 May 07, 2020

Date of last search: 07 May 2020

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	Searches
1	exp epilepsy/ or landau kleffner syndrome/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emcr
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(convulsion* or dravet syndrome or epilep* or continous spike wave of slow sleep or landau kleffner syndrome or lennox gastaut syndrome or infant* spasm* or seizure* or west syndrome).ti,ab.
6	infantile spasm/ use emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or generali?ed flexion epileps* or hypsarrhythmia* or ((jacknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
7	myoclonic astatic epilepsy/ use emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or generali?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
8	exp benign childhood epilepsy/ use emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrottemporal adj2 spike*) or cects or ((centralopathic or centrottemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm))).ti,ab.
9	landau kleffner syndrome/ use emczd, emcr, ppez or (dravet or smei or lennox gastaut or lgs or (landau adj2 kleffner)).ti,ab.
10	severe myoclonic epilepsy in infancy/ use emcr or exp epilepsies, myoclonic/ use ppez or (dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegct* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
11	((((akineti?c or atonic or central or diffuse or general or generali?ed or idiopathic or tonic) adj3 (epilep* or seizure*)) or ((childhood absence or juvenile absence or myoclonic or myoclonia or myoclonic astatic or myoclonus or gtcs) adj2 epilep*) or (epilepsy adj2 eyelid myoclonia) or (ige adj2 phantom absenc*) or impulsive petit mal or (janz adj3 (epilep* or petit mal)) or jeavons syndrome* or ((janz* or lafora or lafora body or lundborg or unverricht) adj2 (disease or syndrome)) or ((jme or jmes) and epilep*) or perioral myoclon*).ti,ab.
12	(dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegct* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
13	(atonic seizure or tonic seizure).sh. use emcr or exp seizures/ use ppez or ((drop or akineti?c or atonic or tonic) adj2 (attack* or epileps* or seizure* or convulsion*).ti,ab. or brief seizure.ti,ab. or (tonic adj3 atonic adj3 (attack* or epileps* or seizure* or convulsion*).ti,ab.
14	or/2,4-13
15	*medical specialist/ or exp *tertiary health care/
16	15 use emcr
17	*tertiary healthcare/ or (referral* and specialization*).sh.
18	17 use ppez
19	((referral or consultation) and (tertiary or (cep or epileptolog* or multidisciplin* or multi disciplin* or neurolog* or neurophysiolog* or neuro physiolog* or neuropsycholog* or neuro psychol* or

#	Searches
	neuroradiolog* or neuro radiolog* or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or social work* or speciali* or surgeon* or surger* or therapist* or triage*))).hw.
20	((evaluat* or refer* or transition*) and (tertiary or (cep or epileptolog* or multidisciplin* or multi disciplin* or neurolog* or neurophysiolog* or neuro physiolog* or neuropsycholog* or neuro psychol* or neuroradiolog* or neuro radiolog* or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or social work* or speciali* or surgeon* or surger* or therapist* or triage*))).ti. or ((evaluat* or refer* or transition*) adj4 (tertiary or (cep or epileptolog* or multidisciplin* or multi disciplin* or neurolog* or neurophysiolog* or neuro physiolog* or neuropsycholog* or neuro psychol* or neuroradiolog* or neuro radiolog* or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or social work* or speciali* or surgeon* or surger* or therapist* or triage*))).ab.
21	((consultation* or evaluat* or refer* or transition*) and (((comprehensive epilepsy or multidisciplinary or multi disciplinary) adj program*) or ((advanced or complex or tertiary) adj2 (care or cent* or healthcare or hospital* or program* or setting)) or ((epilepsy or seizure) adj (cent* or clinic*)) or medical specialist*)).ti,ab.
22	((speciali?ed adj (care or healthcare)) or transition program*).ti,ab.
23	or/16,18-22
24	14 and 23
25	limit 24 to english language [General Exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 05 of 12, May 2020; Cochrane Central Register of Controlled Trials, Issue 5 of 12, May 2020

Date of last search: 07 May 2020

#	searches
1	mesh descriptor: [epilepsy] explode all trees
2	mesh descriptor: [seizures] explode all trees
3	(convulsion* or "dravet syndrome" or epilep* or "continuous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome"):ti,ab
4	((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "generalized flexion epileps*" or hypersarrhythmia* or ((jacknife or "jack nife" or lightning or nodding or salaam) next (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome"):ti,ab
5	((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") or ((absence or atonic or tonic or "tonic clonic") near/2 (seizure* or spasm*)):ti,ab
6	(bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrotemporal near/2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") next (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)):ti,ab
7	(dravet or smei or "lennox gastaut" or lgs or (landau near/2 kleffner)):ti,ab
8	(dravet*1 or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeib or smei):ti,ab
9	((akineti or atonic or central or diffuse or general or general?ed or idiopathic or tonic) near/3 (epilep* or seizure*)) or ("childhood absence" or "juvenile absence" or myoclonic or myoclonia or myoclonic atonic or myoclonus or gtcs) near/2 epilep*) or (epilepsy near/2 "eyelid myoclonia") or (ige near/2 "phantom absenc*") or "impulsive petit mal" or (janz near/3 (epilep* or "petit mal")) or "jeavons syndrome" or ((janz or lafora or "lafora body" or lundborg or unverricht) near/2 (disease or syndrome)) or ((jme or jmes) and epilep*) or "perioral myoclon"):ti,ab
10	(dravet*1 or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeib or smei):ti,ab
11	((drop or akineti or atonic or tonic) near/2 (attack* or epileps* or seizure* or convulsion*)) or "brief seizure" or (tonic near/3 atonic near/3 (attack* or epileps* or seizure* or convulsion*)):ti,ab
12	{or #1-#11}
13	mesh descriptor: [tertiary healthcare] this term only

#	searches
14	(referral* and specialization*):kw
15	((referral or consultation) and (tertiary or (cep or epileptolog* or multidisciplin* or "multi disciplin*" or neurolog* or neurophysiolog* or "neuro physiolog*" or neuropsycholog* or "neuro psychol*" or neuroradiolog* or "neuro radiolog*" or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or "social work*" or speciali* or surgeon* or surger* or therapist* or triage*)):kw.
16	((evaluat* or refer* or transition*) and (tertiary or (cep or epileptolog* or multidisciplin* or "multi disciplin*" or neurolog* or neurophysiolog* or "neuro physiolog*" or neuropsycholog* or "neuro psychol*" or neuroradiolog* or "neuro radiolog*" or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or "social work*" or speciali* or surgeon* or surger* or therapist* or triage*)):ti
17	((evaluat* or refer* or transition*) near/4 (tertiary or (cep or epileptolog* or multidisciplin* or "multi disciplin*" or neurolog* or neurophysiolog* or "neuro physiolog*" or neuropsycholog* or "neuro psychol*" or neuroradiolog* or "neuro radiolog*" or neurosurg* or nurs* or nutrition or psychiatr* or psychologist* or "social work*" or speciali* or surgeon* or surger* or therapist* or triage*)):ab
18	((consultation* or evaluat* or refer* or transition*) and (((("comprehensive epilepsy" or multidisciplinary or "multi disciplinary") next program*) or ((advanced or complex or tertiary) near/2 (care or cent* or healthcare or hospital* or program* or setting)) or ((epilepsy or seizure) next (cent* or clinic*)) or "medical specialist*")):ti,ab
19	((speciali?ed next (care or healthcare)) or "transition program*"):ti,ab
20	{or #13-#19}
21	#12 and #20

Database(s): DARE; HTA database - CRD interface Date of last search: 07 May 2020

1	mesh descriptor epilepsy explode all trees
2	mesh descriptor seizures explode all trees
3	(convulsion* or "dravet syndrome" or epilep* or "continous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome")
4	((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "general?ed flexion epileps*" or hysarrhythmia* or ((jacknife or "jack nife" or lightning or nodding or salaam) next (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*")
5	((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "general?ed idiopathic epilepsy") or ((absence or astatic or atonic or tonic or "tonic clonic") near/2 (seizure* or spasm*))
6	(bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrotemporal near/2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") next (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)))
7	(dravet or sme? or "lennox gastaut" or lgs or (landau near/2 kleffner))
8	(dravet*1 or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeb or sme?)
9	((akinet?ic or atonic or central or diffuse or general or general?ed or idiopathic or tonic) near/3 (epilep* or seizure*)) or ((("childhood absence" or "juvenile absence" or myoclonic or myoclonia or myoclonic astatic or myoclonus or gtcs) near/2 epilep*) or (epilepsy near/2 "eyelid myoclonia") or (ige near/2 "phantom absenc*") or "impulsive petit mal" or (janz near/3 (epilep* or "petit mal")) or "jeavons syndrome*" or ((janz or lafora or "lafora body" or lundborg or unverricht) near/2 (disease or syndrome)) or ((jme or jmes) and epilep*) or "perioral myoclon*")
10	(dravet*1 or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeb or sme?)
11	((drop or akinet?ic or atonic or tonic) near/2 (attack* or epileps* or seizure* or convulsion*)) or "brief seizure" or (tonic near/3 atonic near/3 (attack* or epileps* or seizure* or convulsion*))
12	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11

O. What is the effectiveness of a nurse specialist in the management of epilepsy?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 March 03; Embase Classic+Embase 1947 to 2021 March 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 March 03, 2021

EMCare 1995 to March 03, 2021

Date of last search: 03 March 2021

Multifile database codes: emcr = EMCare; emczd= Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ or landau kleffner syndrome/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emczd, emcr
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(convulsion* or dravet syndrome or epilep* or continous spike wave of slow sleep or landau kleffner syndrome or lennox gastaut syndrome or infant* spasm* or seizure* or west syndrome).ti,ab.
6	or/2,4-5
7	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or generali?ed flexion epileps* or hypsarrhythmia* or ((jacknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
8	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or generali?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
9	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrotemporal adj2 spike*) or cects or ((centralopathic or centrotemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm*))).ti,ab.
10	landau kleffner syndrome/ use emczd, emcr, ppez or (dravet or smei or lennox gastaut or lgs or (landau adj2 kleffner)).ti,ab.
11	severe myoclonic epilepsy in infancy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or (dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegtc* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
12	or/6-11
13	exp advanced practice nurse/ or nurse/ or exp nurse specialist/
14	13 use emczd, emcr
15	advanced practice nursing/ or exp nurse practitioners/ or exp nurse specialists/ or nurses/
16	15 use ppez
17	(aprn* or ((advanced or expert) adj3 nurs*) or (epilep* adj3 nurs*) or (epileps* adj5 nurs* adj5 educat*) or (nurs* adj3 ((care adj3 coord*) or (case adj3 manag*) or clinician* or practitioner* or specialist*)) or nurs* educat*).ti,ab.

#	searches
18	(epilep* adj3 nurs*).ti,ab.
19	or/14,16-18
20	12 and 19
21	limit 20 to english language [general exclusions filter applied]

Database(s): CINAHL - ProQuest interface

Date of last search: 03 March 2021

#	searches
s22	s15 and s21 narrow by language: - english
s21	s16 or s17 or s18 or s19 or s20
s20	tx ((aprn* or ((advanced or expert) n3 nurs*) or (epilep* n3 nurs*) or (epileps* n5 nurs* n5 educat*) or (nurs* n3 ((care n3 coord*) or (case n3 manag*) or clinician* or practitioner* or specialist*)) or "nurs* educat*")) or tx (epilep* n3 nurs*)
s19	(mh "nurses")
s18	(mh "nurse specialist service (saba ccc)")
s17	(mh "advanced practice nurses+")
s16	(mh "advanced nursing practice+")
s15	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14
s14	tx (dravet*1 or ("intractable childhood epilepsy" n2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe n2 (myoclonic or polymorphic) n2 epilepsy n2 infancy) or smeib or smei)
s13	(mh "epilepsies, myoclonic+")
s12	tx (dravet or smei or "lennox gastaut" or lgs or (landau n2 kleffner))
s11	tx (bcects or bects or brec or "benign epilepsy" or (benign n2 (childhood or neonatal or pediatric or paediatric) n2 epileps*) or (benign n2 (childhood or neonatal or pediatric or paediatric) n2 (convulsion* or epileps* or seizure* or spasm*)) or (benign n3 (convulsion* or epileps*) n2 centrottemporal n2 spike*) or cects or ((centralopathic or centrottemporal or "temporal-central focal") n1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) n2 (convulsion* or epileps* or seizure* or spasm*)))
s10	(mh "epilepsy, rolandic")
s9	tx (((myoclonic n2 (astatic or atonic)) or (myoclonic n3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy" or "generalised idiopathic epilepsy" or ((absence or astatic or atonic or tonic or "tonic clonic") n2 (seizure* or spasm*)))
s8	(mh "epilepsies, myoclonic+")
s7	tx (((early or infantile) n2 myoclonic n2 encephalopath*) or ((early or infantile) n2 epileptic n2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) n2 (seizure* or spasm*)) or "generalised flexion epileps*" or "generalized flexion epileps*" or hypsarrhythmia* or ((jacknife or "jack nife" or lightening or nodding or salaam) n1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*")
s6	(mh "spasms, infantile")
s5	tx (convulsion* or "dravet syndrome" or epilep* or "continous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome")

#	searches
s4	(mh "status epilepticus+")
s3	(mh "convulsions, febrile")
s2	(mh "seizures")
s1	(mh "epilepsy+")

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 03 of 12, March 2021;

Cochrane Central Register of Controlled Trials, Issue 3 of 12, March 2021

Date of last search: 03 March 2021

#	searches
#1	mesh descriptor: [epilepsy] explode all trees
#2	mesh descriptor: [seizures] this term only
#3	mesh descriptor: [spasms, infantile] this term only
#4	mesh descriptor: [status epilepticus] explode all trees
#5	((convulsion* or "dravet syndrome" or epilep* or "continuous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome")):ti,ab,kw
#6	mesh descriptor: [spasms, infantile] this term only
#7	(((((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "generalised flexion epileps*" or "generalized flexion epileps*" or hypsarrhythmia* or ((jackknife or "jack nife" or lightening or nodding or salaam) near/1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*"))):ti,ab,kw
#8	mesh descriptor: [epilepsies, myoclonic] explode all trees
#9	((((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy" or "generalised idiopathic epilepsy") or ((absence or astatic or atonic or tonic or "tonic clonic") near/2 (seizure* or spasm*))):ti,ab,kw
#10	mesh descriptor: [epilepsy, rolandic] this term only
#11	((bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrotemporal near/2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") near/1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)))):ti,ab,kw
#12	((dravet or smei or "lennox gastaut" or lgs or (landau near/2 kleffner))):ti,ab,kw
#13	mesh descriptor: [epilepsies, myoclonic] explode all trees
#14	((dravet*1 or ("intractable childhood epilepsy" near/2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near/2 (myoclonic or polymorphic) near/2 epilepsy near/2 infancy) or smeb or smei)):ti,ab,kw
#15	{or #1-#14}
#16	mesh descriptor: [advanced practice nursing] this term only
#17	mesh descriptor: [nurse practitioners] explode all trees
#18	mesh descriptor: [nurse specialists] explode all trees
#19	mesh descriptor: [nurse specialists] this term only
#20	((aprn* or ((advanced or expert) near/3 nurs*) or (epilep* near/3 nurs*) or (epileps* near/5 nurs* near/5 educat*) or (nurs* near/3 ((care near/3 coord*) or (case near/3 manag*) or clinician* or practitioner* or specialist*)) or "nurs* educat*")):ti,ab,kw
#21	((epilep* near/3 nurs*)):ti,ab,kw

#	searches
#22	{or #16-#21}
#23	#15 and #22

Database(s): DARE; HTA database - CRD interface

Date of last search: 03 March 2021

#	searches
1	mesh descriptor epilepsy explode all trees
2	mesh descriptor seizures, febrile this term only
3	mesh descriptor seizures this term only
4	mesh descriptor status epilepticus explode all trees
5	mesh descriptor spasms, infantile this term only
6	mesh descriptor epilepsies, myoclonic explode all trees
7	mesh descriptor epilepsy, rolandic this term only
8	mesh descriptor epilepsies, myoclonic explode all trees
9	((convulsion* or "dravet syndrome" or epilep* or "continuous spike wave of slow sleep" or "landau kleffner syndrome" or "lennox gastaut syndrome" or "infant* spasm*" or seizure* or "west syndrome"))
10	(((((early or infantile) near2 myoclonic near2 encephalopath*) or ((early or infantile) near2 epileptic near2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near2 (seizure* or spasm*)) or "generalized flexion epileps*" or hysarrhythmia* or ((jacknife or "jack nife" or lightning or nodding or salaam) near1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*"))
11	(((((myoclonic near2 (astatic or atonic)) or (myoclonic near3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") or ((absence or astatic or atonic or tonic or "tonic clonic") near2 (seizure* or spasm*)))
12	((((bcects or bects or brec or "benign epilepsy" or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 epileps*) or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near3 (convulsion* or epileps*) near2 centrottemporal near2 spike*) or cects or ((centralopathic or centrottemporal or "temporal-central focal") near1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near2 (convulsion* or epileps* or seizure* or spasm*))))
13	((dravet or smei or "lennox gastaut" or lgs or (landau near2 kleffner)))
14	((dravet* or ("intractable childhood epilepsy" near2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near2 (myoclonic or polymorphic) near2 epilepsy near2 infancy) or smeb or smei))
15	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14

P. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of infantile spasms?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 March 03; Embase Classic+Embase 1947 to 2021 March 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 March 03, 2021

Date of last search: 03 March 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or general?ed flexion epileps* or hypsarrhythmia* or ((jackknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
2	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
3	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
4	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
5	corticotropin/ use emczd, emcr or exp adrenocorticotrophic hormone/ use ppez or adrenocorticotrophic hormone*.sh. or (acethropan or acetophran or acortan or acorto or acth or acthar or acthelea or acthon or acton or actonar or actrope or adactan or (adrenal cortex adj (trophic or tropic) adj hormone) or adrenocorticaltrophormon or adrenocorticotrop* or adrenocorticotrop* or adrenocorticotrophin or adrenocorticotrophic hormone or adrenocorticotropin* or adrenomone or adrenotropin or cibacthen or corticotrophin* or corticotropic or corticotropin* or cortigel or cortilin or cortiphyson or cortosyn or cortrophin* or cortropin or cortrosyn or cosyntropin* or cotrophin* or exactin or hp acthar gel or humacthid or humactid or porcine acth or porcine corticotropin or procortan or reacthin or s cortophin or solacthyl or synacthen retard or tetracosactide or tetracosactrin or tetracosapeptide).ti,ab.
6	ethosuximide/ use emczd, emcr or ethosuximide/ or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
7	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
8	hydrocortisone*.hw. use emczd, emcr or hydrocortisone/ use ppez or (17 hydroxycorticosterone or acticort or aeraseb hc or ala-cort or ala-scalp or alfacort or algicortis or alkindi or alpha derm or alphaderm or anucort-hc or anumed-hc or anutone-hc or aquanil hc or balneol-hc or barseb hc or beta-hc or biacort or cetacort or cobadex or colocort or compound f or cordicare lotion or coripen or cort dome or cortef or cortenema or cortibel or corticorenol or cortifair or cortifan or cortiphate or cortisol or cortisole or cortispray or cortoderm or cortril or cotacort or covocort or cremicort-h or cutaderm or dermacrin hc lotion or dermaid or derm-aid cream or dermaid soft cream or dermocare or dermocortal or dermolate or dioderm or ezcacort or ef cortelan or efcortelan or egocort or eksalb or eldecort or emocort or epicort or epicortisol or ficortril or filocot or flexicort or glycort or gly-cort or h-cort or hebcort or hemorrhoidal hc or hemril-30 or hemril-hc uniserts or hi-cor or hidrotisona or hycor or hycort or hydracort or hydrasson or hydro ricortex or hydrocort or hydrocorticosteroid or hydrocortisate or hydrocortisone or hydrocortisone or hydrocortisonum or hydrocortisyl or hydrocortone or hydrogalen or hydrokort or hydrokortison or hydro-rx or hydrotopic or hysone or hytisone or hytone or incortin h or

#	searches
	instacort 10 or kyppakkaus or lacticare hc or lemnis fatty cream hc or lenirit or medihaler cort or medihaler duo or medrocoil or mildison or mitocortyl demangeaisons or munitren or nogenic hc or novohydrocort or nutracort or optef or otosone f or penecort or plenadren or prepcort or prevex h or pro cort or procort or proctocort or procto-kit or proctosol-hc or proctosone or proctozone or procutan or rectasol-hc or rectocort or rederm or sanatison or scalp-aid or schericur or scherosone or sistral hydrocort or skincalm or stie-cort or substance m or synacort or texacort or triburon-hc or unicort or vasocort).ti,ab.
9	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
10	9 use emczd, emcr
11	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
12	11 use ppez
13	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgjt or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
14	or/10,12-13
15	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
16	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
17	levetiracetam/ use emczd, emcr, ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
18	nitrazepam/ use emczd, emcr, ppez or (apodorm or atempol or benzalin or dormalon or dormo-puren or dumolid or eatan or eunoctin or hypnotex or imadorm or imeson or insomin or mogadan or nelbon or nirven or nitra zepam or nitrados or nitravet or nitrazadon or nitrazep or nitrazepam or nitrodiazepam or novanox or pacisyn or radedorm or remnos or restorem or rhoxal nitrazepam or rhoxal-nitrazepam or sedamon or serenade or somnased or somnibel n or somnite).ti,ab.
19	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or trileptal or trileptin).ti,ab.
20	prednisolone*.hw. use emczd, emcr or exp prednisolone/ use ppez or (adelcort or antisolon* or aprednison* or benisolon* or berisolon* or caberdelta or capsoid or co hydeltra or codelcortone or compresolon or cortadelton* or cortalone or cortelinter or cortisolone or cotolone or dacortin or decaprednil or decortril or dehydro cortex or dehydro hydrocortison* or dehydrocortex or dehydrocortisol* or dehydrohydrocortison* or delcortol or delta cortef or delta cortril or delta ef cortelan or delta f or delta hycortol or delta hydrocortison* or delta ophiticor or delta stab or delta 1 dehydrocortisol or delta1 dehydrohydrocortisone or delta1 hydrocortisone or deltacortef or delta-cortef or deltacortenolo or deltacortil or deltacortoil or deltacortril or deltaderm or deltaglycortril or deltahycortol or deltahydrocortison* or deltaophiticor or deltasolone or deltastab or deltidrosol or deltilsolon* or deltilsolone or deltolasson or deltolassone or deltosona or deltosone or depo-predate or dermosolon or dhasolone or di adreson* or diadreson* or diadresonf or di-adreson-f or dicortol or domucortone or encortelon* or encortolon* or equisolone or fernisolone-p or glistelone or hefasolon or hostacortin or hydeltra or hydeltrone or hydrelta or hydrocortancyl or hydrocortidelt or hydrodeltalone or hydrodeltisone or hydroretrocortin* or inflanefran or insolone or keteocort h or key-pred or lenisolone or leocortol or liquipred or lygal or kopftinktur n or mediasolone or meprisolon* or metacortalon* or metacortandralon* or metacortelone or meti derm or meticortelone or metiderm or meti-derm or morlone or mydraped or neo delta or nisolon or nisolone or opredsone or panafcortelone or panafcortolone or panafort or paracortol or phlogex or pre cortisyl or preconin or precortalon or precortancyl or precortisyl or predacort 50 or predaject-50 or predalone 50 or predartrin* or predate or predeltilone or predisole or predisyr or pred-ject-50 or predne dome or prednecort or prednedome or prednelan or predni coelin or predni h tablinen or prednicoelin or prednicort * or prednifor drops or predni-helvacort or predniment or predniretard or prednis or prednisil or prednisolon* or prednivet or

#	searches
	prednorsolon* or predonine or predorgasolon* or prelon or prelone or prenilone or prenin or prenlone or preventan or prezolon or rubycort or scherisolone* or serilone or solondo or solone or solupren* or spiricort or spolutane or sterane or sterolone or supercortisol or taracortelone or walesolone or wysolone).ti,ab.
21	prednisone/ use emczd, emcr or prednisone/ use ppez or (ancortone or biocortone or colisone or cortan or cortancyl or cortidelt or cortiprex or cutason or dacorten or dacortin or de cortisyl or decortancyl or decortin* or decortisyl or dihydrocortisone or dekortin or delitisona or dellacort a or delta 1 dehydrocortisone or delta cortelan or delta cortisone or delta dome or delta e or delta prenovis or deltacorten* or deltacortisone or delta-cortisone or deltacortone or delta-dome or deltasone or deltison or deltisona or deltra or di adreson or diadreson or drazone or encorton* or enkortolon or enkorton or fernisone or hostacortin or insone or kortancyl or liquid pred or lodotra or me-korti or meprison or metacortandracin or meticorten or meticortine or nisona or orasone or orisane or panafcort or panasol or paracort or pehacort or precort or precortal or predni tablinen or prednicen-m or prednicorm or prednicot or prednidib or predniment* or prednison* or prednisone or prednitone or pronison or pronisone or pronizone or pulmison or rayos or rectodelt or servisone or sone or steerometz or sterapred or ultracorten or utilone or winpred).ti,ab.
22	pyridoxine/ use emczd, emcr,ppez or pyridoxine*.sh. or (adermine or becilan or beesix or benadon or bexivit or bonadon or bonasanit or campoviton 6 or esa b or gravidox or hexa betalin or hexabetalin or hexabione or hexavibex or hexermin or hexobion or hexobion or pabroxin or piridoxin* or pyridipca or pyridosine or pyridoxin* or pyridoxin* or pyridoxinium or pyridoxol or pyrivel or pyroxin or rodex or uvimag b6 or viderma or vitamin* b6).ti,ab.
23	rufinamide/ use emczd, emcr or rufinamide*.sh. or (banzel or inovelon or rufinamid* or xilep).ti,ab.
24	exp steroid/ use emczd, emcr or steroids/ use ppez or steroid*.sh. or steroid*.ti,ab.
25	sultiam/ use emczd, emcr or (conadil or contravul or elisal or ospolot or riker or sulphenytime or sulthiam or sultiam* or trolone).ti,ab.
26	tetracosactide/ use emczd, emcr or cosyntropin/ use ppez or (acth or actholain or adrenocorticotropin or corticotropin or cortosyn or cortrosinta depot or cortrosyn or cosyntropin or depot tetracosactrin or nuvacthen or synacten or synacthen* or synacthin* or synathen or synthetic acth or tetracosactid* or tetracosactin* or tetracosapeptide).ti,ab.
27	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
28	vagus nerve stimulation/ use emczd, emcr or vagus nerve stimulation/ use ppez or ((vagal or vagus) adj2 (activity or stimulat*)).ti,ab.
29	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium di n propylacetate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
30	vigabatrin/ use emczd, emcr,ppez or (4 vinyl 4 aminobutyric acid or 4 vinylaminobutyric acid or 4 vinylgaba or gamma vinyl 4 aminobutyric acid or gamma vinyl gaba or gamma vinyl gamma aminobutyric acid or gamma vinylgaba or n vinyl 4 aminobutyric acid or n vinyl gaba or n vinyl gamma aminobutyric acid or sabril sabrilex or vigadrone or sabril or sabrilex or vigabatrin or gamma vinyl gaba or gamma vinyl gamma aminobutyric acid).ti,ab.

#	searches
31	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
32	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
33	32 use ppez
34	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
35	34 use ppez
36	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
37	36 use emczd, emcr
38	or/33,35,37
39	meta-analysis/
40	meta-analysis as topic/ or systematic reviews as topic/
41	"systematic review"/
42	meta-analysis/
43	(meta analy* or metanaly* or metaanaly*).ti,ab.
44	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
45	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
46	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
47	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
48	(search* adj4 literature).ab.
49	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
50	cochrane.jw.
51	((pool* or combined) adj2 (data or trials or studies or results)).ab.
52	(or/39-40,43,45-51) use ppez
53	(or/41-44,46-51) use emczd, emcr
54	or/52-53
55	or/38,54
56	1 and 55 and or/2-8,14-31
57	limit 56 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 03 of 12, March 2021; Cochrane Central Register of Controlled Trials, Issue 3 of 12, March 2021

Date of last search: 03 March 2021

#	searches
1	"spasms, infantile":kw or (((early or infantile) near/2 myoclonic near/2 encephalopath*) or ((early or infantile) near/2 epileptic near/2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near/2 (seizure* or spasm*)) or "generalized flexion epileps*" or hypsarrhythmia* or ((jackknife or "jack nife" or lightning or nodding or salaam) near/1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*"):ti,ab
2	(acethropan or acetophran or acortan or acorto or acth or acthar or acthelea or acthon or acton or actonar or actrope or adactan or ("adrenal cortex" near/1 (trophic or tropic) near/1 hormone) or adrenocorticaltrophormon or adrenocorticotrop* or adrenocorticotrop* or adrenocorticotrophin or "adrenocorticotrophic hormone" or adrenocorticotropin* or adrenomone or adrenotropin or cibacthen or corticotrophin* or corticotropic or corticotropin* or cortigel or cortilin or cortiphysion or cortosyn or cortrophin* or cortropin or cortrosyn or cosyntropin* or cotrophin* or exactin or "hp acthar gel" or humacthid or humactid or "porcine acth" or "porcine corticotropin" or procortan or reacthin or "s cortophin" or solacthyl or "synacthen retard" or tetracosactide or tetracosactrin or tetracosapeptide)
3	("17 hydroxycorticosterone" or acticort or "aeroseb hc" or "ala-cort" or "ala-scalp" or alfacort or algicortis or alkindi or "alpha derm" or alphaderm or "anucort-hc" or "anumed-hc" or "anutone-hc" or "aquanyl hc" or "balneol-hc" or "barseb hc" or "beta-hc" or biacort or cetacort or cobadex or colocort or "compound f" or "cordicare lotion" or coripen or "cort dome" or cortef or cortenema or cortibel or corticorenol or cortifair or cortifan or cortiphate or cortisol or cortisolone or cortispray or cortoderm or cortril or cotacort or covocort or "cremicort-h" or cutaderm or "dermacrin hc lotion" or dermaid or "derm-aid cream" or "dermaid soft cream" or dermocare or dermocortal or dermolate or dioderm or ezcacort or ef cortelan or efcortelan or egocort or eksalb or eldecort or "emo-cort" or epicort or epicortisol or ficortril or filocot or flexicort or glycort or "gly-cort" or "h-cort" or hebcort or "hemorrhoidal hc" or "hemril-30" or "hemril-hc uniserts" or "hi-cor" or hidrotisona or hycor or hycort or hydracort or hydrasson or "hydro ricortex" or hydrocort or hydrocorticosteroid or hydrocortisate or hydrocortisone or hydrocortisone or hydrocortisonum or hydrocortisyl or hydrocortone or hydrogalen or hydrokort or hydrokortison or "hydro-rx" or hydrotopic or hysone or hytisone or hytone or "incortin h" or "instacort 10" or kyypakkaus or "lacticare hc" or "lemniss fatty cream hc" or lenirit or "medihaler cort" or "medihaler duo" or medrocil or mildison or "mitocortyl demangeaisons" or munitren or "nogenic hc" or novohydrocort or nutracort or optef or "otosone f" or penecort or plenadren or prepcort or "prevex h" or "pro cort" or procort or proctocort or "procto-kit" or "proctosol-hc" or proctosone or proctozone or procutan or "rectasol-hc" or rectocort or rederm or sanatison or "scalp-aid" or schericur or scherosone or "sistral hydrocort" or skincalm or "stie-cort" or "substance m" or synacort or texacort or "triburon-hc" or unicort or vasocort)
4	mesh descriptor: [triglycerides] explode all trees
5	mesh descriptor: [diet, ketogenic] this term only
6	mesh descriptor: [glycemic index] explode all trees
7	mesh descriptor: [dietary fats] explode all trees
8	mesh descriptor: [diet, carbohydrate-restricted] explode all trees
9	((adequate near/3 protein*) or atkin* or keto* or kd or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or "low carb*" or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*)
10	(elepsia or keppra or kopodex or levetiracetam* or matever or spritam)
11	(apodorm or atempol or benzalin or dormalon or "dormo-puren" or dumolid or eatan or eunoctin or hypnotex or imadorm or imeson or insomin or mogadan or nelbon or nirven or "nitra zepam" or nitrados or nitravet or nitrazadon or nitrazep or nitrazepam or nitrodiazepam or novanox or pacisyn or radedorm or remnos or restorem or "rhexal nitrazepam" or "rhexal-nitrazepam" or sedamon or serenade or somnased or "somnia n" or somnite)
12	(adelcort or antisolon* or aprednislon* or benisolon* or berisolon* or caberdelta or capsoid or "co hydeltre" or codelcortone or compresolon or cortadelton* or cortalone or cortelinter or cortisolone or

#	searches
	cotolone or dacortin or decaprednil or decortril or “dehydro cortex” or “dehydro hydrocortison**” or dehydrocortex or dehydrocortisol* or dehydrohydrocortison* or delcortol or “delta cortef” or “delta cortril” or “delta ef cortelan” or “delta f” or “delta hycortol” or “delta hydrocortison**” or “delta ophticor” or “delta stab” or “delta1 dehydrocortisol” or “delta1 dehydrohydrocortison” or “delta1 hydrocortison” or deltacortef or “delta-cortef” or deltacortenolo or deltacortil or deltacortoil or deltacortril or deltaderm or deltaglycortril or deltahycortol or deltahydrocortison* or deltaophticor or deltasolone or deltastab or deltidrosol or deltisolon* or deltisolone or deltolasson or deltolassone or deltosona or deltosone or “depo-predate” or dermosolon or dhasolone or “ di adreson**” or diadreson* or diadresonf or “di-adreson-f” or dicortol or domucortone or encortelon* or encortolon* or equisolone or “fernisolone-p” or glistelone or hefasolon or hostacortin or hydeltra or hydeltrone or hydrelta or hydrocortancyl or hydrocortidelt or hydrodeltalone or hydrodeltisone or hydroretrocortin* or inflanefran or insolone or “keteocort h” or “key-pred” or lenisolone or leocortol or liquipred or lygal or “kopftinktur n” or mediasolone or meprisolon* or metacortalon* or metacortandralon* or metacortelone or “meti derm” or meticortelone or metiderm or “ meti-derm” or morlone or mydraped or “neo delta” or nisolon or nisolone or opredson or panafcortelone or panafcortolone or panafort or paracortol or phlogex or “pre cortisyl” or preconin or precortalon or precortancyl or precortisyl or “predacort 50” or “predaject-50” or “predalone 50” or predartrin* or predate or predeltilone or predisole or predisyr or “pred-ject-50” or “predne dome” or prednecort or prednedome or prednelan or “predni coelin” or “predni h tablinen” or prednicocelin or prednicort * or “prednifor drops” or “predni-helvacort” or predniment or predniretard or prednis or prednisil or prednisolon* or prednivet or prednorsolon* or predonine or predorgasolon* or prelon or prelone or prenilone or prenin or prenilone or preventan or prezolon or rubycort or scherisolon* or serilone or solondo or solone or solupren* or spiricort or spolutane or sterane or sterolone or supercortisol or taracortelone or walesolone or wysolone)
13	(ancortone or biocortone or colisone or cortan or cortancyl or cortidelt or cortiprex or cutason or dacorten or dacortin or “de cortisyl” or decortancyl or decortin* or decortisyl or dihydrocortison or dekortin or delitison or “dellacort a” or “delta 1 dehydrocortison” or “delta cortelan” or “delta cortison” or “delta dome” or “delta e” or “delta prenovis” or deltacorten* or deltacortison or “delta-cortison” or deltacortone or “delta-dome” or deltason or deltison or deltisona or deltra or “di adreson” or diadreson or drazone or encorton* or enkortolon or enkorton or fernisone or hostacortin or insone or kortancyl or “liquid pred” or lodotra or “me-korti” or meprison or metacortandracin or meticorten or meticortine or nisona or orasone or orisane or panafcort or panasol or paracort or pehacort or precort or precortal or predni tablinen or “prednicen-m” or prednicorm or prednicot or prednidib or predniment or prednison* or prednisonone or prednitone or pronison or pronisonone or pronizone or pulmison or rayos or rectodelt or servisonone or sone or steerometz or steraped or ultracorten or urtilone or winpred)
14	(adermine or becilan or beesix or benadon or bexivit or bonadon or bonasanit or “campoviton 6” or “esa b” or gravidox or “hexa betalin” or hexabetalin or hexabione or hexavibex or hexermin or hexobion or pabroxin or piridoxin* or pyridipca or pyridosine or pyridoxin* or pyridoxin* or pyridoxinium or pyridoxol or pyrivel or pyroxin or rodex or “uvimag b6” or viderma or “vitamin* b6”)
15	steroid*
16	(acth or actholain or adrenocorticotropin or corticotropin or cortosyn or “cortrosinta depot “or cortrosyn or cosyntropin or “depot tetracosactrin” or nuvacthen or synacten or synacthen* or synacthin* or synathen or “synthetic acth” or tetracosactid* or tetracosactin* or tetracosapeptide)
17	(epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi)
18	(convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or “di n propylacetate” or “di n propylacetate sodium” or “di n propylacetic acid” or diplexil or “dipropyl acetate” or “dipropyl acetic acid” or dipropylacetate or “dipropylacetate sodium” or “dipropylacetic acid” or “dipropylacetic acid” or diprosin or divalproex or epilam or epilex or “epilim chrono” or “epilim chronosphere” or “epilim enteric” or epilim or episenta or “epival cr” or ergenyl or “ergenyl chrono” or “ergenyl chronosphere” or “ergenyl retard” or ergenyl or “espa valept “or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or “myproic acid” or “n dipropylacetic acid” or orfil or orfiril or orlept or petilin or “propylisopropylacetic acid” or propymal or “semisodium valproate” or “sodium 2 propylpentanoate” or “sodium 2 propylvalerate” or “sodium di n propyl acetate” or “sodium di n propylacetate” or “sodium dipropyl acetate” or “sodium dipropylacetate” or “sodium n dipropylacetate” or stavzor or “valberg pr” or valcote or valepil or valeptol or valeril or “valhel pr” or

#	searches
	valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral)
19	("gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid" or "gamma vinylgaba" or "n vinyl 4 aminobutyric acid" or "n vinyl gaba" or "n vinyl gamma aminobutyric acid" or "sabrilex" or "sabrilex" or "vigadrone" or "sabrilex" or "sabrilex" or "vigabatrin" or "gamma vinyl gaba" or "gamma vinyl gamma aminobutyric acid")
20	{or #2-#19}
21	#1 and #20

Database(s): DARE; HTA database - CRD interface Date of last search: 03 March 2021

#	searches
1	mesh descriptor spasms, infantile this term only
2	((early or infantile) near2 myoclonic near2 encephalopath*) or ((early or infantile) near2 epileptic near2 encephalopath*) or "epileptic spasm*" or ((flexor or infantile or neonatal) near2 (seizure* or spasm*)) or "generalized flexion epileps*" or "hypsarrhythmia*" or ((jacknife or "jack nife" or lightning or nodding or salaam) near1 (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome*")
3	#1 or #2

Q. What antiseizure medications (monotherapy or add-on) are effective in the treatment of seizures in self-limited epilepsy with centrotemporal spikes?

Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface

EMCare 1995 to 2021 March 03; Embase Classic+Embase 1947 to 2021 March 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 March 03, 2021

Date of last search: 03 March 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrotemporal adj2 spike*) or cects or ((centralopathic or centrotemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm*))).ti,ab.
2	carbamazepine/ use emczd, emcr or exp carbamazepine/ use ppez or carbamazepin*.sh. or (amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol).ti,ab.
3	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
4	gabapentin/ use emczd, emcr or gabapentin/ use ppez or gabapentin*.sh. or (apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin).ti,ab.
5	lacosamide/ use emczd, emcr or lacosamide/ use ppez or (erlosamide or harkoseride or lacosamide or vimpat).ti,ab.
6	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
7	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
8	oxcarbazepine/ use emczd, emcr or oxcarbazepine/ use ppez or oxcarbazepin*.sh. or (apydan or carbamazepine or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or tripleptal or tripleptin).ti,ab.

#	searches
9	sultiame/ use emczd, emcr or (conadil or contravul or elisal or ospolot or riker or sulphenytime or sulthiame or sultiam* or trolone).ti,ab.
10	topiramate/ use emczd, emcr, ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramos or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
11	valproic acid/ use emczd, emcr, ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
12	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
13	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
14	13 use ppez
15	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
16	15 use ppez
17	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
18	17 use emczd, emcr
19	or/14,16,18
20	meta-analysis/
21	meta-analysis as topic/ or systematic reviews as topic/
22	"systematic review"/
23	meta-analysis/
24	(meta analy* or metanaly* or metaanaly*).ti,ab.
25	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
26	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
27	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
28	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
29	(search* adj4 literature).ab.
30	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
31	cochrane.jw.
32	((pool* or combined) adj2 (data or trials or studies or results)).ab.
33	(or/20-21,24,26-32) use ppez
34	(or/22-23,24-25,27-32) use emczd, emcr
35	or/33-34
36	or/19,35
37	1 and 36 and or/2-12
38	limit 37 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 03 of 12, March 2021; Cochrane Central Register of Controlled Trials, Issue 3 of 12, March 2021

Date of last search: 03 March 2021

#	searches
1	mesh descriptor: [epilepsy, rolandic] this term only
2	("epilepsy, rolandic " or bcects or bects or brec or "benign epilepsy" or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 epileps*) or (benign near/2 (childhood or neonatal or pediatric or paediatric) near/2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near/3 (convulsion* or epileps*) near/2 centrotemporal near/2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") near/1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near/2 (convulsion* or epileps* or seizure* or spasm*)):ti,ab
3	#1 or #2
4	mesh descriptor: [carbamazepine] explode all trees
5	((amizepine or carbamazepin* or carbazepin or epitol or finlepsin or neurotol or tegretol)):ti,ab,kw
6	mesh descriptor: [clobazam] explode all trees
7	((chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl)):ti,ab
8	mesh descriptor: [gabapentin] this term only
9	((apogabapentin or convalis or dineurin or gabalept or gabaliquid or geriasan or gabapentin* or gabatin or gantin or gralise or kaptin or keneil or neurontin or neurotonin or novogabapentin or nupentin)):ti,ab,kw
10	mesh descriptor: [lacosamide] this term only
11	((erlosamide or harkoseride or lacosamide or vimpat)):ti,ab,kw
12	mesh descriptor: [levetiracetam] this term only
13	((elepsia or keppra or kopodex or levetiracetam* or matever or spritam)):ti,ab,kw
14	mesh descriptor: [oxcarbazepine] this term only
15	(apydan or oxcarbazepin* or oxcarbazepine or oxrate or oxtellar or timox or trileptal or trileptin):ti,ab
16	(conadil or contravul or elisal or ospolot or riker or sulphenytame or sulthiame or sultiam* or trolone):ti,ab
17	mesh descriptor: [topiramate] this term only
18	(epitomax or topamax or topiramat* or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi):ti,ab
19	mesh descriptor: [valproic acid] this term only
20	(convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chronosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chronosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerin or "valhel pr" or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab
21	mesh descriptor: [lamotrigine] this term only
22	(crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium):ti,ab
23	mesh descriptor: [zonisamide] this term only
24	(excegran or excemid or zonegran or zonisamid*):ti,ab
25	{or #4-#24}
26	#3 and #25

Database(s): DARE; HTA database - CRD interface

Date of last search: 03 March 2021

#	searches
1	mesh descriptor epilepsy, rolandic" this term only
2	("epilepsy, rolandic " or bcects or bects or brec or "benign epilepsy" or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 epileps*) or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near3 (convulsion* or epileps*) near2 centrotemporal near2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") near1 (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near2 (convulsion* or epileps* or seizure* or spasm*)))
3	#1 or #2

R. What antiseizure therapies (monotherapy or add-on) are effective in the treatment of seizures in myoclonic atonic epilepsy (Doose syndrome)**Database(s): EMCare, MEDLINE and Embase (Multifile) – OVID interface**

EMCare 1995 to 2021 March 03; Embase Classic+Embase 1947 to 2021 March 03; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 2021 March 03, 2021

Date of last search: 03 March 2021

Multifile database codes: emcr=EMCare; emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or ((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or generaliz?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
2	clobazam/ use emczd, emcr or clobazam/ use ppez or (chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl).ti,ab.
3	clonazepam/ use emczd, emcr or clonazepam/ use ppez or (aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril).ti,ab.
4	ethosuximide/ use emczd, emcr or ethosuximide/ or (emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuccimide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin).ti,ab.
5	fat intake/ or glycemic index/ or ketogenic diet/ or exp low carbohydrate diet/ or exp triacylglycerol/
6	5 use emczd, emcr
7	diet, carbohydrate-restricted/ or exp dietary fats/ or glycemic index/ or diet, ketogenic/ or exp triglycerides/
8	7 use ppez
9	((adequate adj3 protein*) or atkin* or keto* or kd* or (carbohydrate* adj5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) adj5 (index or treat* or modulat*)) or (high fat* adj5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or low glyc* index treatment* or lgit or (medium chain adj (tryglyceride* or triglyceride*)) or mct*).ti,ab.
10	or/6,8,9

#	searches
11	lamotrigine/ use emczd, emcr or lamotrigine/ use ppez or (crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium).ti,ab.
12	levetiracetam/ use emczd, emcr,ppez or (elepsia or keppra or kopodex or levetiracetam* or matever or spritam).ti,ab.
13	rufinamide/ use emczd, emcr or rufinamide*.sh. or (banzel or inovelon or rufinamid* or xilep).ti,ab.
14	topiramate/ use emczd, emcr,ppez or (epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi).ti,ab.
15	vagus nerve stimulation/ use emczd, emcr or vagus nerve stimulation/ use ppez or ((vagal or vagus) adj2 (activity or stimulat*)).ti,ab.
16	valproic acid/ use emczd, emcr,ppez or (convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or di n propylacetate or di n propylacetate sodium or di n propylacetic acid or diplexil or dipropyl acetate or dipropyl acetic acid or dipropylacetate or dipropylacetate sodium or dipropylacetatic acid or dipropylacetic acid or diprosin or divalproex or epilam or epilex or epilim chrono or epilim chronosphere or epilim enteric or epilim or episenta or epival cr or ergenyl or ergenyl chrono or ergenyl chronosphere or ergenyl retard or ergenyl or espa valept or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or myproic acid or n dipropylacetic acid or orfil or orfiril or orlept or petilin or propylisopropylacetic acid or propymal or semisodium valproate or sodium 2 propylpentanoate or sodium 2 propylvalerate or sodium di n propyl acetate or sodium di n propylacetate or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or stavzor or valberg pr or valcote or valepil or valeptol or valerin or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprocura or valproic acid or valprosid or valprotek or valsup or vupral).ti,ab.
17	zonisamide/ use emczd, emcr or zonisamide/ use ppez or (excegran or excemid or zonegran or zonisamid*).ti,ab.
18	clinical trials as topic.sh. or (controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or (placebo or randomi#ed or randomly).ab. or trial.ti.
19	18 use ppez
20	(controlled clinical trial or pragmatic clinical trial or randomized controlled trial).pt. or drug therapy.fs. or (groups or placebo or randomi#ed or randomly or trial).ab.
21	20 use ppez
22	crossover procedure/ or double blind procedure/ or randomized controlled trial/ or single blind procedure/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer*).ti,ab.
23	22 use emczd, emcr
24	or/19,21,23
25	meta-analysis/
26	meta-analysis as topic/ or systematic reviews as topic/
27	"systematic review"/
28	meta-analysis/
29	(meta analy* or metanaly* or metaanaly*).ti,ab.
30	((systematic or evidence) adj2 (review* or overview*)).ti,ab.

#	searches
31	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
32	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
33	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
34	(search* adj4 literature).ab.
35	(MEDLINE or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
36	cochrane.jw.
37	((pool* or combined) adj2 (data or trials or studies or results)).ab.
38	(or/25-26,29,31-37) use ppez
39	(or/27-28,30,32-37) use emczd, emcr
40	or/38-39
41	or/24,40
42	1 and 41 and or/2-4,10-17
43	limit 42 to english language [general exclusions filter applied]

Database(s): Cochrane Library

Cochrane Database of Systematic Reviews, Issue 03 of 12, March 2021; Cochrane Central Register of Controlled Trials, Issue 3 of 12, March 2021

Date of last search: 03 March 2021

#	searches
1	mesh descriptor: [epilepsies, myoclonic] explode all trees
2	((myoclonic near/2 (astatic or atonic)) or (myoclonic near/3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") or ((absence or astatic or atonic or tonic or tonic clonic) near/2 (seizure* or spasm*)):ti,ab
3	#1 or #2
4	mesh descriptor: [clobazam] explode all trees
5	(chlorepin or chlorepine or clobazam or clobazepam or clorepin or frisium or noiafren or onfi or urbadan or urbanil or urbanyl):ti,ab
6	mesh descriptor: [clonazepam] this term only
7	(aklonil or antelepsin or clonazepam or clonex or clonopam or clonopin or clonotril or coquan or iktorivil or kenoket or klonazepam or klonopin or kriadex or landsen or lonazep or paxam or povanil or ravotril or rivatril or rivotril):ti,ab
8	mesh descriptor: [ethosuximide] this term only
9	(emeside or ethosuccimid* or ethosuccinimid* or ethosuximide or ethylmethylsuccimide or ethylsuximide or ethymal or etosuximida or mesentol or pemal or petimid or petinimid* or petnidan or pyknolepsin or pyknolepsinum or ronton or simatin or succinutin or sucsilep or suksilep or suxilep or suximal or suxinutin or zarondan or zarontin):ti,ab
10	mesh descriptor: [triglycerides] explode all trees
11	mesh descriptor: [diet, ketogenic] this term only

#	searches
12	mesh descriptor: [glycemic index] explode all trees
13	mesh descriptor: [dietary fats] explode all trees
14	mesh descriptor: [diet, carbohydrate-restricted] explode all trees
15	((adequate near/3 protein*) or atkin* or keto* or kd or (carbohydrate* near/5 (restrict* or low* or reduc*)) or ((glycemic or glycaemic) near/5 (index or treat* or modulat*)) or ("high fat*" near/5 (diet* or plan* or treat*)) or keto or ketogenic or ketogenous or ketotic or low carb* or lchf or "low glyc* index treatment*" or lgit or ("medium chain" near/1 (tryglyceride* or triglyceride*)) or mct*):ti,ab
16	mesh descriptor: [lamotrigine] this term only
17	(crisomet or labileno or lamepil or lamictal or lamictin or lamiktal or lamodex or lamogine or lamotrigin* or lamotrix or neurium):ti,ab
18	mesh descriptor: [levetiracetam] this term only
19	(elepsia or keppra or kopodex or levetiracetam* or matever or spritam):ti,ab
20	(banzel or inovelon or rufinamid* or xilep):ti,ab,kw
21	mesh descriptor: [topiramate] this term only
22	(epitomax or topamax or topiramate or acomicil or ecuram or epiramat or epitomax or epitoram or erravia or etopro or fagodol or jadix or lusitrax or maritop or oritop or piraleps or pirantal or pirepil or qudexy or ramas or sincronil or talopam or tiramat or topaben or topamac or topamax or topepsil or topibrain or topilek or topimark or topimax or topiramat* or topiramato or topiratore or topit or toramat or torlepta or trokendi):ti,ab
23	mesh descriptor: [vagus nerve stimulation] this term only
24	((vagal or vagus) near/2 (activity or stimulat*)):ti,ab
25	mesh descriptor: [valproic acid] this term only
26	(convulsofin or delepsine or depacon* or depaken* or depakin* or depakote or depalept or deprakine or "di n propylacetate" or "di n propylacetate sodium" or "di n propylacetic acid" or diplexil or "dipropyl acetate" or "dipropyl acetic acid" or dipropylacetate or "dipropylacetate sodium" or "dipropylacetatic acid" or "dipropylacetic acid" or diprosin or divalproex or epilam or epilex or "epilim chrono" or "epilim chromosphere" or "epilim enteric" or epilim or episenta or "epival cr" or ergenyl or "ergenyl chrono" or "ergenyl chromosphere" or "ergenyl retard" or ergenyl or "espa valept" or everiden or goilim or hexaquin or labazene or leptilan or leptilanil or micropakine or mylproin or "myproic acid" or "n dipropylacetic acid" or orfil or orfiril or orlept or petilin or "propylisopropylacetic acid" or propymal or "semisodium valproate" or "sodium 2 propylpentanoate" or "sodium 2 propylvalerate" or "sodium di n propyl acetate" or "sodium di n propylacetate" or "sodium dipropyl acetate" or "sodium dipropylacetate" or "sodium n dipropylacetate" or stavzor or "valberg pr" or valcote or valepil or valeptol or valerim or valhel pr or valoin or valpakine or valparin or valporal or valprax or valpro or valproate or valprodura or "valproic acid" or valprosid or valprotek or valsup or vupral):ti,ab
27	mesh descriptor: [zonisamide] this term only
28	(excegran or excemid or zonegran or zonisamid*):ti,ab
29	{or #4-#28}
30	#3 and #29

Database(s): DARE; HTA database - CRD interface

Date of last search: 03 March 2021

#	searches
1	mesh descriptor epilepsies, myoclonic this term only

#	searches
2	((myoclonic near2 (astatic or atonic)) or (myoclonic near3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") or ((absence or astatic or atonic or tonic or tonic clonic) near2 (seizure* or spasm*))
3	#1 or #2

Economic literature search strategies

A global, population based search was undertaken to find for economic evidence covering all parts of the guideline.

Database(s): MEDLINE & Embase (Multifile)

Embase Classic+Embase 1947 to 2021 March 31; Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to March 31, 2021
Date of last search: 31 March 2021

Multifile database codes: emczd=Embase Classic+Embase; ppez= MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

#	searches
1	exp epilepsy/ or exp seizure/ or "seizure, epilepsy and convulsion"/
2	1 use emczd
3	exp epilepsy/ or seizures/ or seizures, febrile/ or exp status epilepticus/
4	3 use ppez
5	(epilep* or seizure* or convuls*).ti,ab. or (continous spike wave of slow sleep or infant* spasm*).ti,ab.
6	(seizure and absence).sh. use emczd, emcr or seizures/ use ppez or ((absence adj2 (convulsion* or seizure*)) or ((typical or atypical) adj absenc*) or petit mal* or pyknolepsy or typical absence*).ti,ab.
7	(atonic seizure or tonic seizure).sh. use emczd, emcr or exp seizures/ use ppez or ((drop or akinetic or atonic or tonic) adj2 (attack* or epileps* or seizure* or convulsion*).ti,ab. or brief seizure.ti,ab. or (tonic adj3 atonic adj3 (attack* or epileps* or seizure* or convulsion*).ti,ab.
8	exp benign childhood epilepsy/ use emczd, emcr or epilepsy, rolandic/ use ppez or (bcects or bects or brec or benign epilepsy or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 epileps*) or (benign adj2 (childhood or neonatal or pediatric or paediatric) adj2 (convulsion* or epileps* or seizure* or spasm*)) or (benign adj3 (convulsion* or epileps*) adj2 centrottemporal adj2 spike*) or cects or ((centralopathic or centrotemporal or temporal-central focal) adj (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) adj2 (convulsion* or epileps* or seizure* or spasm*))).ti,ab.
9	exp generalized epilepsy/ use emczd, emcr or exp epilepsy, generalized/ use ppez
10	((((akinetic or atonic or central or diffuse or general or general?ed or idiopathic or tonic) adj3 (epilep* or seizure*)) or ((childhood absence or juvenile absence or myoclonic or myoclonia or myoclonic astatic or myoclonus or gtcs) adj2 epilep*) or (epilepsy adj2 eyelid myoclonia) or (ige adj2 phantom absenc*) or impulsive petit mal or (janz adj3 (epilep* or petit mal)) or jeavons syndrome* or ((janz or lafora or lafora body or lundborg or unverricht) adj2 (disease or syndrome)) or ((jme or jmes) and epilep*) or perioral myoclon*).ti,ab.
11	infantile spasm/ use emczd, emcr or spasms, infantile/ use ppez or (((early or infantile) adj2 myoclonic adj2 encephalopath*) or ((early or infantile) adj2 epileptic adj2 encephalopath*) or epileptic spasm* or ((flexor or infantile or neonatal) adj2 (seizure* or spasm*)) or general?ed flexion epileps* or hypsarrhythmia* or ((jacknife or jack nife or lightening or nodding or salaam) adj (attack* or convulsion* or seizure* or spasm*)) or massive myoclonia or minor motor epilepsy or propulsive petit mal or spasm in*1 flexion or spasmus nutans or west syndrome*).ti,ab.
12	landau kleffner syndrome/ use emczd, emcr, ppez or (dravet or lennox gastaut or lgs or (landau adj2 kleffner) or smei).ti,ab.
13	lennox gastaut syndrome/ use emczd, emcr or lennox gastaut syndrome/ use ppez or generalized epilepsy/ use emczd, emcr or epileptic syndromes/ use ppez
14	(child* epileptic encephalopath* or gastaut or lennox or lgs).ti,ab.
15	myoclonus seizure/ use emczd, emcr or seizures/ use ppez or ((myoclon* adj2 (absence* or epileps* or seizure* or jerk* or progressive familial epilep* or spasm* or convulsion*)) or ((lafora or unverricht) adj2 disease) or muscle jerk).ti,ab.
16	myoclonic astatic epilepsy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez or (((myoclonic adj2 (astatic or atonic)) or (myoclonic adj3 (seizure* or spasm*)) or doose* syndrome or mae or general?ed idiopathic epilepsy).ti,ab. or ((absence or astatic or atonic or tonic or tonic clonic) adj2 (seizure* or spasm*).ti,ab.
17	exp epilepsies, partial/ use ppez or exp focal epilepsy/ use emczd, emcr or ((focal or focal onset or local or partial or simple partial) adj3 (epileps* or seizure*).ti,ab.
18	severe myoclonic epilepsy in infancy/ use emczd, emcr or exp epilepsies, myoclonic/ use ppez

#	searches
19	(dravet*1 or (intractable childhood epilepsy adj2 (generalised tonic clonic or gtc)) or icegct* or (severe adj2 (myoclonic or polymorphic) adj2 epilepsy adj2 infancy) or smeb or smei).ti,ab.
20	epilepsy, tonic-clonic/ use ppez or epilepsy, generalized/ use ppez or generalized epilepsy/ use emczd, emcr or grand mal epilepsy/ use emczd, emcr or (((clonic or grand mal or tonic or (tonic adj3 clonic)) adj2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (general* adj (contraction* or convuls* or insult or seizure*))).ti,ab.
21	or/2,4-20
22	exp budgets/ or exp "costs and cost analysis"/ or exp economics, hospital/ or exp economics, medical/ or economics, nursing/ or economics, pharmaceutical/ or economics/ or exp "fees and charges"/ or value of life/
23	22 use ppez
24	budget/ or exp economic evaluation/ or exp fee/ or funding/ or health economics/ or exp health care cost/
25	24 use emczd
26	budget*.ti,ab.
27	cost*.ti.
28	(economic* or pharmaco economic* or pharmacoeconomic*).ti.
29	(price* or pricing*).ti,ab.
30	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)).ab.
31	(financ* or fee or fees).ti,ab.
32	(value adj2 (money or monetary)).ti,ab.
33	or/23,25-32
34	21 and 33
25	limit 34 to english language

Database(s): NHS Economic Evaluation Database (NHS EED), HTA database – CRD interface

Date of last search: 31 March 2021

#	searches
1	mesh descriptor epilepsy explode all trees
2	mesh descriptor seizures this term only
3	mesh descriptor seizures, febrile this term only
4	mesh descriptor status epilepticus explode all trees
5	(epilep* or seizure* or convuls*) or ("continous spike wave of slow sleep" or "infant* spasm**")
6	((absence near2 (convulsion* or seizure*)) or ((typical or atypical) next absenc*) or "petit mal*" or pyknolepsy or "typical absence**")
7	mesh descriptor seizures explode all trees
8	((drop or akinetic or atonic or tonic) near2 (attack* or epileps* or seizure* or convulsion*)) or "brief seizure" or (tonic near3 atonic near3 (attack* or epileps* or seizure* or convulsion*))
9	mesh descriptor epilepsy, rolandic this term only
10	(bcects or bects or brec or "benign epilepsy" or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 epileps*) or (benign near2 (childhood or neonatal or pediatric or paediatric) near2 (convulsion* or epileps* or seizure* or spasm*)) or (benign near3 (convulsion* or epileps*) near2 centrotemporal near2 spike*) or cects or ((centralopathic or centrotemporal or "temporal-central focal") near (convulsion* or epileps* or seizure*)) or ((osylvian or postrolandic or roland*) near2 (convulsion* or epileps* or seizure* or spasm**)))
11	mesh descriptor epilepsy, generalized this term only
12	((((akinetiic or atonic or central or diffuse or general or general?ed or idiopathic or tonic) near3 (epilep* or seizure*)) or ((("childhood absence" or "juvenile absence" or myoclonic or myoclonia or "myoclonic astatic" or myoclonus or gtcs) near2 epilep*) or (epilepsy near2 "eyelid myoclonia") or (ige near2 phantom absenc*) or "impulsive petit mal" or (janz near3 (epilep* or "petit mal")) or "jeavons syndrome**" or ((janz or lafora or "lafora body" or lundborg or unverricht) near2 (disease or syndrome)) or ((jme or jmes) and epilep*) or "perioral myoclon**")
13	mesh descriptor spasms, infantile this term only
14	((((early or infantile) near2 myoclonic near2 encephalopath*) or ((early or infantile) near2 epileptic near2 encephalopath*) or "epileptic spasm**" or ((flexor or infantile or neonatal) near2 (seizure* or spasm*)) or "general?ed flexion epileps**" or hypsarrhythmia* or ((jackknife or "jack nife" or lightning or nodding or salaam) next (attack* or convulsion* or seizure* or spasm*)) or "massive myoclonia" or "minor motor epilepsy" or "propulsive petit mal" or "spasm in* flexion" or "spasmus nutans" or "west syndrome**")
15	mesh descriptor landau kleffner syndrome this term only

#	searches
16	(dravet or "lennox gastaut" or lgs or (landau near2 kleffner) or smei)
17	mesh descriptor lennox gastaut syndrome this term only
18	mesh descriptor epileptic syndromes this term only
19	("child* epileptic encephalopath*" or gastaut or lennox or lgs)
20	((myoclon* near2 (absence* or epileps* or seizure* or jerk* or "progressive familial epilep*" or spasm* or convulsion*)) or ((lafora or unverricht) near2 disease) or "muscle jerk")
21	mesh descriptor epilepsies, myoclonic explode all trees
22	((myoclonic near2 (astatic or atonic)) or (myoclonic near3 (seizure* or spasm*)) or "doose* syndrome" or mae or "generalized idiopathic epilepsy") or ((absence or astatic or atonic or tonic or "tonic clonic") near2 (seizure* or spasm*))
23	mesh descriptor epilepsies, partial explode all trees
24	((focal or "focal onset" or local or partial or "simple partial") near3 (epileps* or seizure*))
25	mesh descriptor epilepsies, myoclonic this term only
26	(dravet*1 or ("intractable childhood epilepsy" near2 ("generalised tonic clonic" or gtc)) or icegtc* or (severe near2 (myoclonic or polymorphic) near2 epilepsy near2 infancy) or smeb or smei)
27	mesh descriptor epilepsy, tonic-clonic this term only
28	mesh descriptor epilepsy, generalized this term only
29	((clonic or "grand mal" or tonic or (tonic near3 clonic)) near2 (attack* or contraction* or convuls* or seizure*)) or gtcs or (generalized* next (contraction* or convuls* or insult or seizure*))
30	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29