



Bilaga till rapport

1 (1)

Diagnos och behandling av epilepsi / Diagnosis and treatment of epilepsy, rapport [281] (2018)

Bilaga 1 - Sökstrategier / Appendix 1 - Search strategies

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Diagnosis - DI]	310
2.	epileptic* or epileps* or seizure* or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus":ti,ab,kw	8018
3.	1 OR 2	8019
Index test: EEG		
4.	MeSH descriptor: [Electroencephalography] explode all trees	4607
5.	EEG or electroencephalogra* or electro next encephalogra*:ti,ab,kw (Word variations have been searched)	8156
6.	4 OR 5	8264
7.	MeSH descriptor: [Emergency Service, Hospital] explode all trees	2371
8.	first next seizure* or "new onset" or first next episode*:ti,ab,kw (Word variations have been searched)	3044
9.	("24 hours" or "24 h") and (unprovoked or first):ti,ab,kw (Word variations have been searched)	10740
10.	timing or time next interval* or time next frame* or timeframe* or early next electroencephalogra* or emergency or acute:ti (Word variations have been searched)	63693
11.	7-10 (OR)	77043
Combined sets		
12.	3 AND 6 AND 11	CDSR/2 DARE/0 Central/ 102 HTA/0

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

MeSH = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

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EED = Economic Evaluations

HTA = Health Technology Assessments

Embase via Elsevier 23 November 2017
Title: NR Epilepsi – acute EEG vs. subacute EEG

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/dm_di	24,196
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR 'janz':ab,ti OR 'lafora':ab,ti OR 'dravet':ab,ti OR 'merrf':ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	136,053
3. 1 OR 2	143,785
Index test: Electroencephalography	
4. 'electroencephalogram'/exp	109,524
5. eeg:ti,ab OR electroencephalogra*:ti,ab OR 'electro encephalogra*':ti,ab	124,402
6. 4 OR 5	172,944
7. 'emergency ward'/exp	103,732
8. 'emergency health service'/exp	85,551
9. (first NEAR/2 seizure*):ab,ti OR (new NEAR/2 onset):ab,ti OR (first NEAR/2 episode*):ab,ti	47,000
10. ('24 hours':ab,ti OR '24 h':ab,ti) AND (unprovoked:ab,ti OR first:ab,ti)	73,290
11. timing:ti OR 'time interval*':ti OR 'time frame*':ti OR timeframe*:ti OR 'early electroencephalogra*':ti OR emergency:ti OR acute:ti	690,828
12. 7-11 (OR)	916,050
Limits: language, diagnostic studies	
13. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
14. 'sensitivity and specificity'/exp OR 'predictive value'/exp OR 'receiver operating characteristic'/exp OR 'diagnostic error'/exp	472,079
15. diagnosing:ti,ab OR 'diagnostic yield':ti,ab OR 'diagnostic utility':ti,ab OR detect*:ti,ab OR accuracy*:ti,ab OR interreader:ti,ab OR diagnostic:ti,ab OR sensitivity:ti,ab OR specificity:ti,ab OR predictive:ti,ab OR ppv:ti,ab OR npv:ti,ab OR 'likelihood ratio*':ti,ab OR true:ti,ab OR false:ti,ab OR yield:ti,ab OR identify*:ti,ab OR identificat*:ti,ab	5,952,288
16. 14 OR 15	6,074,041
17. ([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim OR [note]/lim)	4,817,326
18. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,340,023
Combined sets	
19. (3 AND 6 AND 12 AND 13 AND 16) NOT (17 OR 18)	397

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the EMTREE controlled vocabulary
/exp= Includes terms found below this term in the EMTREE hierarchy
/mj = Major Topic
:ab = Abstract
:au = Author
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
“ “ = Citation Marks; searches for an exact phrase

Medline via OvidSP 23 November 2017
Title: NR Epilepsi – acute EEG vs. subacute EEG

Search terms		Items found
Population: Epilepsy		
1.	exp Epilepsy/di [Diagnosis]	25742
2.	(epileptic* or epileps* or seizure*).ti. or ("tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or "infantile spasm*").ab,ti.	103370
3.	1 OR 2	110670
Index text: EEG		
4.	exp Electroencephalography/	149519
5.	(EEG or electroencephalogra* or "electro encephalogra*").ab,kf,ti.	95309
6.	4 OR 5	173459
7.	Emergency Service, Hospital/	59214
8.	("first seizure*" or "new onset" or "first episode*").ab,ti.	27185
9.	((("24 hours" or "24 h") AND (unprovoked or first)).ab,ti.	54430
10.	(timing or "time interval*" or "time frame*" or timeframe* or "early electroencephalogra*" or emergency or acute).ti.	570797
11.	7-10 (OR)	673406
Limits: language, diagnostic studies, human studies		
12.	danish or english or norwegian or swedish	
13.	exp False Negative Reactions/	18313
14.	exp False Positive Reactions/	28294
15.	exp "Sensitivity and Specificity"/	559273
16.	(diagnosing or diagnostic or detect* or accuracy* or interreader or diagnostic or sensitivity or specificity or predictive or PPV or NPV or "likelihood ratio*" or true or false or yield or identify* or identificat*).ab,ti.	5126300
17.	13-16 (OR)	5318599
18.	exp Animals/ NOT exp Humans/	4743207
Combined sets		
19.	(3 AND 6 AND 11 AND 12 AND 17) NOT 18	347

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.ab. =Abstract

.ab,ti. = Abstract or title

.af.= All fields

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.sh.= Term from the Medline controlled vocabulary

.ti. = Title

/ = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy

* = Focus (if found in front of a MeSH-term)

* or \$= Truncation (if found at the end of a free text term)

.mp=text, heading word, subject area node, title

Cochrane Library via Wiley 16 November 2017 (CENTRAL, CDSR, DARE, HTA¹)

Title: Uppdateringssökning: Deep brain and cortical stimulation for epilepsy (Review)/Sprengers, K. et. al. Cochrane Collaboration, 2014

Search terms	Items found
Population: Epilepsy	
1. MeSH descriptor: [Epilepsy] explode all trees	2611
2. MeSH descriptor: [Seizures] explode all trees	612
3. epilep* or seizure* or convulsion* (Word variations have been searched)	10296
4. 1-3 (OR)	10302
Intervention: Deep brain and cortical stimulation	
5. MeSH descriptor: [Deep Brain Stimulation] explode all trees	271
6. stimul* (Word variations have been searched)	65652
7. 5-6 (OR)	65652
Combined sets	
8. 4 AND 7	1405 Central/ 702
Limits: publication date	
9. Publication Year from 2013 to 2017	
10. 8 AND 9	Central/ 268
11. 8 AND Publication Year from 2016 to 2017	CDSR/190 DARE/0 HTA/0

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CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments

PubMed via NLM 15 November 2017

Title: Update: Deep brain and cortical stimulation for epilepsy (Review)/Sprengers, K. et. al. Cochrane Collaboration, 2014

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy"[Mesh]	146144
2. "Seizures"[Mesh]	48567
3. epileps* OR epilept*	148520
4. seizure*	125770
5. convulsion*	18753
6. 1-5 (OR)	214499
Intervention: Deep brain and cortical stimulation	
7. "Deep Brain Stimulation"[Mesh]	6602
8. stimulat* OR stimuli* OR stimulu*	1424712
9. 7-8 (OR)	1424712
Combined sets	
10. 6 AND 9	19915
Study types: randomised controlled trials and other trials (filter: Cochrane highly sensitive search strategy, modified)	
11. "Randomized Controlled Trial" [Publication Type]	446916
12. "Controlled Clinical Trial" [Publication Type]	534014
13. random* [tiab]	939853
14. placebo [tiab]	189068
15. sham [tiab]	73153
16. trial [tiab]	484791
17. groups [tiab]	1760841
18. blind* [tiab]	259185
19. 11-18 (OR)	2875677
Limits: Humans, publication date, language	
20. (animals [mh] NOT humans [mh])	4392580
21. 19 NOT 20	2422169
22. Publication date from 2013/01/01	
23. Danish; English; Norwegian; Swedish	
24. 10 AND 21 AND 22 AND 23	515

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[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Diagnosis - DI]	310
2.	epileptic* or epileps* or seizure* or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus":ti,ab,kw	8572
3.	1 OR 2	8573
Index test: Computed tomography		
4.	MeSH descriptor: [Tomography, X-Ray Computed] explode all trees	5439
5.	CT or computed next tomograph* or computerized next tomograph* or "computer assisted" next tomograph* or CAT next scan* or "computed X ray" next tomograph* or "computerized axial" next tomograph*:ti	6151
6.	4 OR 5	9043
Reference test: Magnetic resonance imaging		
7.	MeSH descriptor: [Magnetic Resonance Imaging] explode all trees	7631
8.	"magnetic resonance" or MR next imag* or NMR next Imag* or "NM resonance" or MRI or gadolinium:ti	5762
9.	7 OR 8	10702
Combined sets		
10.	3 AND 6 AND 9	CDSR/0 DARE/1 Central/ 13 HTA/3

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HTA = Health Technology Assessments

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/dm_di	24,194
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR 'janz':ab,ti OR 'lafora':ab,ti OR 'dravet':ab,ti OR 'merrf':ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	136,028
3. 1 OR 2	143,760
Index test: Computed tomography	
4. 'computer assisted tomography'/exp	888,792
5. ct OR 'computed tomograph*' OR 'computerized tomograph*' OR 'computer assisted tomograph*' OR 'cat scan*' OR 'computed x ray tomograph*' OR 'computerized axial tomograph*':ti	165,681
6. 4 OR 5	906,238
Reference test: Magnetic resonance imaging	
7. 'nuclear magnetic resonance imaging'/exp	762,122
8. 'magnetic resonance':ti OR 'mr imag*':ti OR 'nmr imag*':ti OR 'nm resonance':ti OR mri:ti OR gadolinium:ti	183,918
9. 7 OR 8	786,419
Limits: language, humans, diagnostic studies	
10. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
11. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,339,254
12. ([article]/lim OR [article in press]/lim OR [erratum]/lim OR [letter]/lim OR [review]/lim)	
13. 'sensitivity and specificity'/exp OR 'predictive value'/exp OR 'receiver operating characteristic'/exp OR 'diagnostic error'/exp	471,879
14. diagnosing:ti,ab OR 'diagnostic yield':ti,ab OR 'diagnostic utility':ti,ab OR detect*:ti,ab OR accuracy*:ti,ab OR interreader:ti,ab OR diagnostic:ti,ab OR sensitivity:ti,ab OR specificity:ti,ab OR predictive:ti,ab OR ppv:ti,ab OR npv:ti,ab OR 'likelihood ratio*':ti,ab OR true:ti,ab OR false:ti,ab OR yield:ti,ab OR identify*:ti,ab OR identificat*:ti,ab	5,501,587
15. 13 OR 14	5,950,564
Combined sets	
16. (3 AND 6 AND 9 AND 10 AND 12 AND 15) NOT 11	859

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:ti = Article Title

:ti,ab = Title or abstract

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Medline via OvidSP 22 November 2017

Title: Epilepsi – Computed tomography vs. Magnetic resonance imaging

Search terms	Items found
Population: Epilepsy	
1. exp Epilepsy/di [Diagnosis]	25742
2. (epileptic* or epileps* or seizure*).ti. or (convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hysarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or "infantile spasm*").ab,ti.	121307
3. 1 OR 2	127941
Index test: Computed tomography	
4. exp Tomography, X-Ray Computed/	410923
5. (CT or "computed tomograph*" or "computerized tomograph*" or "computer assisted tomograph*" or "CAT scan*" or "computed X ray tomograph*" or "computerized axial tomograph*").ti.	138232
6. 4 OR 5	433454
Reference test: Magnetic resonance imaging	
7. magnetic resonance imaging/ or diffusion magnetic resonance imaging/ or echo-planar imaging/ or fluorine-19 magnetic resonance imaging/ or magnetic resonance imaging, cine/	403794
8. ("magnetic resonance" or "MR imag*" or "NMR Imag*" or "NM resonance" or MRI or gadolinium).ti.	159287
9. 7 OR 8	446229
Limits: language, diagnostic studies	
10. danish or english or norwegian or swedish	
11. exp False Negative Reactions/	18313
12. exp "Sensitivity and Specificity"/ or exp False Positive Reactions/	579333
13. (diagnosing or diagnostic or detect* or accuracy* or interreader or diagnostic or sensitivity or specificity or predictive or PPV or NPV or "likelihood ratio*" or true or false or yield or identify* or identificat*).ab,ti.	5125156
14. 11 OR 12 OR 13	5317445
Combined sets	
15. 3 AND 6 AND 9 AND 10 AND 14	336

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.mp=text, heading word, subject area node, title

**Cochrane Library via Wiley 7 December 2016 (CDSR, DARE, CENTRAL, HTA)
Title: Epilepsy – withholding treatment and EEG**

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	1474
2.	epileptic* or epileps* or seizure* or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus":ti,ab,kw	7132
3.	1 OR 2	7144
Intervention: withholding treatment and EEG		
4.	MeSH descriptor: [Withholding Treatment] explode all trees	272
5.	withdraw* or withhold* or taper* or discontinu* or "stop medication" or cessati*:ti (Word variations have been searched)	7886
6.	1 OR 2	
7.	MeSH descriptor: [Electroencephalography] explode all trees	4446
8.	EEG or electroencephalogra* or electro next encephalogra*:ti,ab,kw (Word variations have been searched)	7434
9.	7 OR 8	7532
Combined sets		
10.	3 AND 6 AND 9	CDSR/2 DARE/1 Central/ 17 HTA/0

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HTA = Health Technology Assessments

Embase via Elsevier 7 December 2016
 Title: Epilepsy – withholding treatment and EEG

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	137,108
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR 'janz':ab,ti OR 'lafora':ab,ti OR 'dravet':ab,ti OR 'merrif':ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	129,703
3. 1 OR 2	166,603
Intervention: withholding treatment and EEG	
4. 'treatment withdrawal'/exp/mj OR 'drug withdrawal'/exp/mj	9,855
5. withdraw*:ti OR withhold*:ti OR taper*:ti OR discontinu*:ti OR 'stop medication':ti OR cessati*:ti	51,222
6. 4 OR 5	55,961
7. 'electroencephalogram'/exp/mj	26,566
8. eeg:ab,ti OR electroencephalogra*:ab,ti OR 'electro encephalogra*':ab,ti	117,782
9. 7 OR 8	126,141
Outcome	
10. 'prognosis'/exp	555,778
11. 'recurrence risk'/exp OR 'recurrent disease'/exp	192,836
12. prognos*:ab,ti OR recurr*:ab,ti OR relaps*:ab,ti	1,375,339
13. 10 OR 11 OR 12	1,597,482
Limits: language, human studies, publication type	
14. [danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim	
15. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,086,526
16. ([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim OR [note]/lim)	
Combined sets	
17. (3 AND 6 AND 9 AND 13 AND 14) NOT (15 OR 16)	87

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 :au = Author
 :ti = Article Title
 :ti:ab = Title or abstract
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Medline via OvidSP 7 December 2016
Title: Epilepsy – withholding treatment and EEG

Search terms	Items found
Population: Epilepsy	
1. exp Epilepsy/dt [Drug Therapy]	32849
2. (epileptic* or epileps* or seizure*).ti. or ("tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or "infantile spasm*").ab,ti.	99499
3. 1 OR 2	112100
Intervention: withholding treatment and EEG	
4. Withholding Treatment/	10992
5. (withdraw* or withhold* or taper* or discontinu* or "stop medication" or cessati*).ti.	47368
6. 4 OR 5	56577
7. exp *Electroencephalography/	58996
8. (EEG or electroencephalogra* or "electro encephalogra*").ab,kf,kw,ti.	95333
9. 7 OR 8	110219
Outcome	
10. prognosis/ or treatment outcome/	1210518
11. Recurrence/	170518
12. (prognos* or recurr* or relaps*).ab,kf,kw,ti.	1039406
13. 10 OR 11 OR 12	1958303
Limits: language, human studies	
14. danish or english or norwegian or swedish	
15. exp Animals/ NOT exp Humans/	4669484
Combined sets	
16. (3 AND 6 AND 9 AND 13 AND 14) NOT 15	88

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.ab,ti. = Abstract or title

.af.= All fields

Exp= Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

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* = Focus (if found in front of a MeSH-term)

* or \$= Truncation (if found at the end of a free text term)

.mp=text, heading word, subject area node, title

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2611
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hysarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil next spasm*:ti,ab,kw (Word variations have been searched)	8571
Combined sets		
3.		8583 HTA/101 EED/75

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Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

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CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments

Embase via Elsevier 1 November 2017

Title: NR Epilepsy- Health economy

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	141,906
2. epileptic*:ab,ti OR epileps*:ab,ti OR seizure:ab,ti OR seizures:ab,ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	257,183
3. 1 OR 2	276,970
Limits: language, human studies, reviews, articles	
4. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim) AND [embase]/lim	
5. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,082,325
6. ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim)	230,441
7. 'systematic review'/exp OR 'meta analysis'/exp OR 'review'/exp	2,384,754
8. (systematic* NEXT/3 (review* OR overview)):ti,ab OR (systematic* NEXT/3 bibliographic*):ti,ab OR (systematic* NEXT/3 literature):ti,ab OR (meta-analy* or metaanaly*):ti,ab	243,870
9. 6 OR 7 OR 8	2,440,032
10. ([article]/lim OR [article in press]/lim OR [erratum]/lim)	
Health economic aspects	
11. ('health economics'/de OR 'economic evaluation'/exp OR 'health care cost'/exp OR 'pharmacoeconomics'/exp OR econom*:ab,ti OR cost:ab,ti OR costs:ab,ti OR costly:ab,ti OR costing:ab,ti OR price:ab,ti OR prices:ab,ti OR pricing:ab,ti OR pharmacoeconomic*:ab,ti OR (expenditure* NOT energy):ti,ab OR (value NEXT/2 money):ab,ti OR Budget*:ab,ti) NOT ((metabolic NEXT/2 cost):ab,ti OR ((energy or oxygen) NEXT/2 cost):ab,ti OR ((energy or oxygen) NEAR/2 expenditure):ab,ti)	1,164,916
Combined sets	
12. (3 AND 4 AND 9 AND 11) NOT 5	1,446
13. (3 AND 4 AND 10 AND 11) NOT 5	2,360

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

PubMed via NLM 1 November 2017
Title: NR Epilepsy– Health economics

Search terms		Items found
Population: Epilepsy		
1.	Epilepsy"[Mesh]	146020
2.	(epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hypsarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab])	184369
3.	1 OR 2	210983
Study types: systematic reviews, reviews		
4.	systematic[sb]	
5.	"Review" [Publication Type]	
Limits: language, human studies		
6.	Filters activated: Danish, English, Norwegian, Swedish	
7.	("Animals"[Mesh]) NOT "Humans"[Mesh]	4388666
Health economic aspects (filter: based on NHS EED¹, translated for PubMed)		
8.	((("Economics"[Mesh:NoExp] OR "Costs and Cost Analysis"[Mesh] OR "Economics, Dental"[Mesh] OR "Economics, Hospital"[Mesh] OR "Economics, Medical"[Mesh] OR "Economics, Nursing"[Mesh] OR "Economics, Pharmaceutical"[Mesh] OR economic*[Title/Abstract] OR cost[Title/Abstract] OR costs[Title/Abstract] OR costly[Title/Abstract] OR costing[Title/Abstract] OR price[Title/Abstract] OR prices[Title/Abstract] OR pricing[Title/Abstract] OR pharmacoeconomic*[Title/Abstract] OR "value for money"[Title/Abstract] OR budget*[Title/Abstract] OR (expenditure*[Title/Abstract] NOT energy[Title/Abstract])) NOT (energy cost[Title/Abstract] OR oxygen cost[Title/Abstract] OR metabolic cost[Title/Abstract] OR energy expenditure[Title/Abstract] OR oxygen expenditure[Title/Abstract]))	778345
Combined sets		
9.	(3 AND 4 AND 6 AND 8) NOT 7	229
10.	(3 AND 5 AND 6 AND 8) NOT 7	707
11.	(3 AND 6 AND 8) NOT 7	2819

The search result, usually found at the end of the documentation, forms the list of abstracts.

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[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[OT]= Other term

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

¹ <http://www.crd.york.ac.uk/crdweb/searchstrategies.asp>

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Surgery - SU]	144
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hysarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus":ti,ab,kw	8571
3.	1 OR 2	8571
Intervention: Kirurgi		
4.	MeSH descriptor: [Anterior Temporal Lobectomy] explode all trees	23
5.	MeSH descriptor: [Telencephalon] explode all trees and with qualifier(s): [Surgery - SU]	145
6.	MeSH descriptor: [Limbic System] explode all trees and with qualifier(s): [Surgery - SU]	41
7.	MeSH descriptor: [Cerebral Decortication] explode all trees	4
8.	MeSH descriptor: [Split-Brain Procedure] explode all trees	1
9.	MeSH descriptor: [Stereotaxic Techniques] explode all trees	448
10.	surgery or surgical* or operat* or resection* or transection* or decortication or lobectom* or hemispherectom* or amygdalohippocampectomy or "amygdalo hippocampectomy" or corticoamygdalohippocampectomy or corpus next callosotom* or "focal radiotherapy" or radiosurg* or radio next surg* or stereotactic* or stereo next tactic* or "gamma knife" or gammaknife or "γ knife" or cyberknife or "cyber knife" or "laser thermo ablation":ti or epilepsy next surg*:ti,ab,kw	57774
11.	4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10	57995
Combined sets		
12.	3 AND 11	Central/ 241
Limits: Publication date		
13.	Publication Year from 2000 to 2016	
14.	12 AND 13	Central/ 257

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:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

Embase via Elsevier 10 November 2017

Title: Epilepsy surgery

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/dm_su	10,988
2. epileptic*:ab,ti OR epileps*:ab,ti OR seizure:ab,ti OR seizures:ab,ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	247,377
3. 1 OR 2	248,975
Intervention: Surgery	
4. 'corpus callosum transection'/exp OR 'hemispherectomy'/exp OR 'stereotaxic surgery'/exp OR 'temporal lobectomy'/exp OR 'decortication'/exp	21,625
5. surgery:ti OR surgical*:ti OR operat*:ti OR resection*:ti OR transection*:ti OR decortication:ti OR lobectom*:ti OR hemispherectom*:ti OR hemispherotom*:ti OR amygdalohippocampectomy:ti OR 'amygdalo hippocampectomy':ti OR corticoamygdalohippocampectomy:ti OR 'corpus callosotom*':ti OR lesionectomy:ti OR 'focal radiotherapy':ti OR radiosurg*:ti OR 'radio surg*':ti OR stereotactic*:ti OR 'stereo tactic*':ti OR 'gamma knife':ti OR gammaknife:ti OR 'γ knife':ti OR cyberknife:ti OR 'cyber knife':ti OR 'laser thermo ablation':ti	707,690
6. 4 OR 5	720,891
Combined sets	
7. 3 AND 6	12,831
Limits: language, publication type, publication date, human studies	
8. [danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim	
9. [article]/lim OR [article in press]/lim OR [erratum]/lim	
10. [2000-2016]/py	
11. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,330,429
12. (7 AND 8 AND 9 AND 10) NOT 11	4,568

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/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ “ = Citation Marks; searches for an exact phrase “ “ = Citation Marks; searches for an exact phrase

PubMed via NLM 10 November 2017

Title: Epilepsy surgery

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy/surgery"[Mesh]	9465
2. (epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hysarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[ti]) NOT Medline	183247
3. 1 OR 2	184415
Intervention: Surgery	
4. "Anterior Temporal Lobectomy"[Mesh] OR "Telencephalon/surgery"[Mesh] OR "Limbic System/surgery"[Mesh] OR "Cerebral Decortication"[Mesh] OR "Split-Brain Procedure"[Mesh] OR "Stereotaxic Techniques"[Mesh]	44937
5. (surgery[ti] OR surgical*[ti] OR operat*[ti] OR resection*[ti] OR transection*[ti] OR decortication[ti] OR lobectom*[ti] OR hemispherectom*[ti] OR hemispherotom*[ti] OR amygdalohippocampectomy[ti] OR amygdalo hippocampectomy[ti] OR corticoamygdalohippocampectomy[ti] OR corpus callosotom*[ti] OR lesionectomy[ti] OR focal radiotherapy[ti] OR radiosurg*[ti] OR radio surg*[ti] OR stereotactic*[ti] OR stereo tactic*[ti] OR gamma knife[ti] OR gammaknife[ti] OR γ knife[ti] OR cyberknife[ti] OR cyber knife[ti] OR laser thermo ablation[ti] OR epilepsy surg*[tiab]) NOT Medline	726642
6. 4 OR 5	752731
Combined sets	
7. 3 AND 6	12579
Limits: publication date, language, human studies	
8. Publication date from 2000/01/01	
9. English; Swedish; Danish; Norwegian	
10. "Letter" [Publication Type] OR "Editorial" [Publication Type] OR "Comment" [Publication Type]	1582246
11. ("Animals"[Mesh]) NOT "Humans"[Mesh]	4391761
12. (7 AND 8 AND 9) NOT (10 OR 11)	7233

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[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Medline via OvidSP 28 November 2017

Title: Updated search: Ketogenic diet and other dietary treatments for epilepsy (Review)/Martin, K. et. al. Cochrane Collaboration, 2016

Search terms	Items found
Intervention: Ketogenic diet and other dietary treatments	
1. exp Epilepsy/dh [Diet Therapy]	899
2. exp Seizures/dh [Diet Therapy]	191
3. 1 OR 2	899
4. exp Diet Therapy/	51828
5. exp Fasting/	35055
6. (ketogenic\$ or diet? or dieting).tw	329377
7. 4 OR 5 OR 6	386970
Population	
8. exp Epilepsy/	155914
9. exp Seizures/	51910
10. (epilep\$ or seizure\$ or convuls\$).tw.	196984
11. 8 OR 9 OR 10	227598
12. exp *Pre-Eclampsia/ or exp *Eclampsia/	24807
13. 11 NOT 12	226698
Combined sets	
14. 7 AND 13	2822
15. 3 OR 14	2900
Study types: randomised controlled trials and other trials	
16. (randomized controlled trial or controlled clinical trial).pt. OR (randomi?ed or placebo or randomly).ab.	1071285
17. clinical trials as topic.sh.	197037
18. trial.ti.	199597
19. 16 OR 17 OR 18	1265444
Limits: humans	
20. exp animals/ NOT humans.sh.	4743207
21. 19 NOT 20	1168825
22. 15 AND 21	157
23. limit 22 to yr="2015 -Current"	46

The search result, usually found at the end of the documentation, forms the list of abstracts.

.ab. =Abstract

.ab.ti. = Abstract or title

.af.= All fields

Exp= Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

.sh.= Term from the Medline controlled vocabulary

.ti. = Title

/ = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy

* = Focus (if found in front of a MeSH-term)

* or \$= Truncation (if found at the end of a free text term)

.mp=text, heading word, subject area node, title

Embase via Elsevier 28 November 2017

Title: Updated search: Ketogenic diet and for epilepsy (Review)/ Levy RG, Cooper PP. Cochrane Collaboration, 2003

Search terms		Items found
Population		
1.	'epilepsy'/exp	218,788
2.	epilep*	228,405
3.	'seizure'/exp	132,002
4.	seizure*	211,526
5.	convuls*	58,772
6.	fit or fits	143,553
7.	lennox NEXT/2 gastaut	3,545
8.	west* NEXT/2 syndrome	1,901
9.	infant* NEXT/2 spasm	6,938
10.	hypsarrhythmia	1,468
11.	1-10 (OR)	508,547
Intervention		
12.	ketogen*	7,197
13.	'diet'/exp	282,315
14.	diet*	984,888
15.	'ketone'/exp	561,579
16.	'diet restriction'/exp	118,416
17.	'diet therapy'/exp	308,786
18.	fast*	581,868
19.	13-18 (OR)	2,048,603
Combined sets		
20.	11 AND 19	33,915
21.	12 OR 20	37,548
Study types: RCT strategy based on SIGN filter (with modifications) ¹		
22.	'clinical trial'/exp OR 'randomized controlled trial'/de OR 'randomization'/de OR 'single blind procedure'/de OR 'double blind procedure'/de OR 'crossover procedure'/de OR 'placebo'/de OR randomi?ed NEXT/1 controlled NEXT/1 trial* OR rct OR 'random allocation' OR 'randomly allocated' OR allocated NEAR/2 random OR single NEXT/1 blind* OR double NEXT/1 blind* OR (treble OR triple) NEXT/1 blind* OR placebo* NOT ('case study'/de OR 'case report' OR 'abstract report'/de OR 'letter'/de)	1,423,158
Limits: publication date, language²		
23.	[2003-2016]/py AND ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
24.	[embase]/lim NOT [medline]/lim ³	
25.	20 AND 21 AND 22 AND 23	1,386

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/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ “ = Citation Marks; searches for an exact phrase “ “ = Citation Marks; searches for an exact phrase

¹ Limits for study design was not used in the original search

² Limits to language was not used in the original search

³ Limits to exclude Medline references was not used in the original search

Cochrane Library via Wiley 29 November 2017 (CDSR, DARE, HTA, CENTRAL)
Title: Ketogenic diet and other dietary treatments for epilepsy (Review)/Martin, K. et. al. Cochrane Collaboration, 2016 (updated search)

Search terms		Items found
Intervention: Diet therapy		
1.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Diet therapy - DH]	30
2.	MeSH descriptor: [Seizures] explode all trees and with qualifier(s): [Diet therapy - DH]	2
3.	1 OR 2	30
4.	MeSH descriptor: [Diet Therapy] explode all trees	5185
5.	MeSH descriptor: [Fasting] explode all trees	2746
6.	ketogenic* or diet? or dieting:ti,ab,kw (Word variations have been searched)	40102
7.	4 OR 5 OR 6	42086
Population: Epilepsy		
8.	MeSH descriptor: [Epilepsy] explode all trees	2611
9.	MeSH descriptor: [Seizures] explode all trees	612
10.	epilep* or seizure* or convuls*:ti,ab,kw (Word variations have been searched)	8644
11.	8 OR 9 OR 10	8664
Combined sets		
12.	7 AND 11	164
13.	3 OR 12	Central/ 154
Limits: publication date		
14.	from 2015 to 2017	
15.	13 AND 14	Central/ 58
16.	13 AND 14 ¹	CDSR/7 DARE/0 HTA/0

The search result, usually found at the end of the documentation, forms the list of abstracts.

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this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

¹ The original search did not include systematic reviews

Embase via Elsevier 22 November 2017

Title: Epilepsy – long term monitoring

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/dm_di	24,194
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	136,028
3. 1 OR 2	143,760
Index test: Long term monitoring with EEG	
4. 'ambulatory monitoring'/exp	10,717
5. 'ambulatory care'/exp	45,215
6. 'neurophysiological monitoring'/exp	651
7. 'videorecording'/exp	64,147
8. 'telemetry'/de	16,341
9. 'long term':ti OR prolonged:ti OR continuous:ti OR ambulatory:ti OR ambulation:ti OR outpatient:ti OR video:ti AND (monitor*:ti OR registrat*:ti OR eeg:ti OR electroencephalogra*:ti)	15,592
10. 4-9 (OR)	137,578
Limits: language, humans, diagnostic studies	
11. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
12. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,339,254
13. ([article]/lim OR [article in press]/lim OR [erratum]/lim OR [letter]/lim OR [review]/lim)	
14. 'sensitivity and specificity'/exp OR 'predictive value'/exp OR 'receiver operating characteristic'/exp OR 'diagnostic error'/exp	471,879
15. diagnosing:ti,ab OR 'diagnostic yield':ti,ab OR 'diagnostic utility':ti,ab OR detect*:ti,ab OR accuracy*:ti,ab OR interreader:ti,ab OR diagnostic:ti,ab OR sensitivity:ti,ab OR specificity:ti,ab OR predictive:ti,ab OR ppv:ti,ab OR npv:ti,ab OR 'likelihood ratio*':ti,ab OR true:ti,ab OR false:ti,ab OR yield:ti,ab OR identify*:ti,ab OR identificat*:ti,ab	5,950,564
16. 15 OR 16	6,072,282
Combined sets	
17. (3 AND 10 AND 11 AND 13 AND 16) NOT 13	829

The search result, usually found at the end of the documentation, forms the list of abstracts.

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/mj = Major Topic
:ab = Abstract
:au = Author
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
“ ” = Citation Marks; searches for an exact phrase

Medline via OvidSP 21 November 2017
Title: Epilepsy – long term monitoring

Search terms	Items found
Population: Epilepsy	
1. exp Epilepsy/di [Diagnosis]	25742
2. (epileptic* or epileps* or seizure*).ti. or ("tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or "infantile spasm*").ab,ti.	103378
3. 1 OR 2	110678
Index test: Long term monitoring with EEG	
4. Monitoring, Ambulatory/	7889
5. Ambulatory Care/	42157
6. Neurophysiological Monitoring/	308
7. exp Video Recording/	39373
8. exp Telemetry/	12714
9. (("long term" or prolonged or continuous or ambulatory or ambulation or outpatient or video) and (monitor* or registrat* or EEG or electroencephalogra*)).ti.	12320
10. 4 -9 (OR)	111048
Study types: systematic reviews, meta analysis	
11. (meta analysis or systematic reviews)	
Limits: language, humans, diagnostic studies	
12. danish or english or norwegian or swedish	
13. ((exp Animals/) OR (mouse or mice or rat or rats).ab,ti.) NOT exp Humans/	4891151
14. exp False Negative Reactions/	18313
15. exp "Sensitivity and Specificity"/ or exp False Positive Reactions/	579333
16. (diagnosing or "diagnostic yield" or "diagnostic utility" or detect* or accuracy* or interreader or diagnostic or sensitivity or specificity or predictive or PPV or NPV or "likelihood ratio*" or true or false or yield or identify* or identificat*).ab,ti.	5125131
17. 16 OR 17 OR 18	5317420
Combined sets	
18. (3 AND 10 AND 11 AND 12 AND 17) NOT 13	18
19. (3 AND 10 AND 12 AND 17) NOT 13	1001

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.ti. = Title

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* or \$= Truncation (if found at the end of a free text term)

.mp=text, heading word, subject area node, title

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2611
2.	convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hysarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil next spasm*:ti,ab,kw or epileptic* or epileps* or seizure*:ti (Word variations have been searched)	5274
3.	1 OR 2	5938
Intervention: Drug therapy AED		
4.	MeSH descriptor: [Acetazolamide] explode all trees	338
5.	MeSH descriptor: [Nitrazepam] explode all trees	126
6.	MeSH descriptor: [Piracetam] explode all trees	353
7.	MeSH descriptor: [Primidone] explode all trees	45
8.	"2-Pyrrolidone-N-Acetamide" or acetadiazol or acetazolam or acetazolamide or alodorm or apoacetazolamide or "apo-primidone" or avigilen or axonyl or brivaracetam or briviact or cerebroforte or "cerepar N" or ciclofalina or clobazam or crisomet or cuxabrain or defiltran or desoxyphenobarbital or diacarb or diamox or dinagen or diuramide or dormalon or "dormo-puren" or eatan or edemox or ezogabine or frisium or gabacet or gabitril or geram or glauconox or glaupax or "huma-zolamide" or imadorm or imeson or labileno or lamictal or lamiktal or lamotrigine or liskantin or "memo-puren" or misodine or mizodin or mogadon or mylepsinum or mysoline or nitrazadon or nitrazepam or nitrodiazepam or nootrop or nootropil or nootropyl or normabrain or novanox or onfi or piracebral or piracetam or piracetrop or pirazetam or potiga or primaclone or primidon or primidone or pyracetam or pyramem or radedorm or remnos or resimatil or retigabine or serenade or sertan or sinapsan or somnite or tiagabine or urbanyl:ti,ab,kw (Word variations have been searched)	3268
9.	4-8 (OR)	3268
Combined sets		
10.	3 AND 9	866
		CDSR/23
		DARE/13
		Central/
		806
		HTA/6

The search result, usually found at the end of the documentation, forms the list of abstracts.

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CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	142,458
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	158,524
3. 1 OR 2	194,255
Intervention: Drug therapy AED	
4. 'acetazolamide'/exp OR 'brivaracetam'/exp OR 'clobazam'/exp OR 'retigabine'/exp OR 'lamotrigine'/exp OR 'nitrazepam'/exp OR 'piracetam'/exp OR 'primidone'/exp OR 'tiagabine'/exp	60,751
5. '2-pyrrolidone-n-acetamide' OR acetadiazol OR acetazolam OR acetazolamide OR alodorm OR apoacetazolamide OR 'apo-primidone' OR avigilen OR axonyl OR brivaracetam OR briviact OR cerebroforte OR 'cerepar n' OR ciclofalina OR clobazam OR crisomet OR cuxabrain OR defiltran OR desoxyphenobarbital OR diacarb OR diamox OR dinagen OR diuramide OR dormalon OR 'dormo-puren' OR eatan OR edemox OR ezogabine OR frisium OR gabacet OR gabitril OR geram OR glauconox OR glaupax OR 'huma-zolamide' OR imadorm OR imeson OR labileno OR lamictal OR lamiktal OR lamotrigine OR liskantin OR 'memo-puren' OR misodine OR mizodin OR mogadon OR mylepsinum OR mysoline OR nitrazadon OR nitrazepam OR nitrodiazepam OR nootrop OR nootropil OR nootropyl OR normabrain OR novanox OR onfi OR piraecbral OR piracetam OR piracetrop OR piracetam OR potiga OR primaclone OR primidon OR primidone OR pyracetam OR pyramem OR radedorm OR remnos OR resimatil OR retigabine OR serenade OR sertan OR sinapsan OR somnite OR tiagabine OR urbanyl:ti,ab	63,347
6. 4 OR 5	63,347
Study types: systematic reviews, RCT strategy based on SIGN filter (with modifications)	
7. ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim)	233,623
8. 'systematic review'/exp OR 'meta analysis'/exp OR 'reviews'/exp	591,903
9. (systematic* NEXT/3 (review* OR overview)):ti,ab OR (systematic* NEXT/3 bibliographic*):ti,ab OR (systematic* NEXT/3 literature):ti,ab OR (meta-analy* or metaanaly*):ti,ab	246,923
10. 7 OR 8 OR 9	655,697
11. 'clinical trial'/exp OR 'randomized controlled trial'/de OR 'randomization'/de OR 'single blind procedure'/de OR 'double blind procedure'/de OR 'crossover procedure'/de OR 'placebo'/de OR randomi?ed NEXT/1 controlled NEXT/1 trial* OR rct OR 'random allocation' OR 'randomly allocated' OR allocated NEAR/2 random OR single NEXT/1 blind* OR double NEXT/1 blind* OR (treble OR triple) NEXT/1 blind* OR placebo* NOT ('case study'/de OR 'case report' OR 'abstract report'/de OR 'letter'/de)	1,637,956
Limits: language, human studies	
12. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
13. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,341,288
14. ([article]/lim OR [article in press]/lim OR [conference paper]/lim OR [review]/lim OR [erratum]/lim)	
Combined sets	
15. (3 AND 6 AND 10 AND 12 AND 14) NOT 13	638
16. (3 AND 6 AND 11 AND 12 AND 14) NOT 13	1,178

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the Emtree controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy
/mj = Major Topic
:ab = Abstract
:au = Author
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
" " = Citation Marks; searches for an exact phrase

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy"[Mesh]	146144
2. epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hysarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184979
3. 1 OR 2	211597
Intervention: Drug therapy AED	
4. "Acetazolamide"[Mesh] OR "brivaracetam" [Supplementary Concept] OR "clobazam" [Supplementary Concept] OR "ezogabine" [Supplementary Concept] OR "lamotrigine" [Supplementary Concept] OR "Nitrazepam"[Mesh] OR "Piracetam"[Mesh] OR "Primidone"[Mesh] OR "tiagabine" [Supplementary Concept]	15224
5. 2-Pyrrolidone-N-Acetamide[tiab] OR acetadiazol[tiab] OR acetazolam[tiab] OR acetazolamide[tiab] OR alodorm[tiab] OR apoacetazolamide[tiab] OR apo-primidone[tiab] OR avigilen[tiab] OR axonyl[tiab] OR brivaracetam[tiab] OR briviact[tiab] OR cerebroforte[tiab] OR "cerepar N" OR ciclofalina[tiab] OR clobazam[tiab] OR crisomet[tiab] OR cuxabrain[tiab] OR defiltran[tiab] OR desoxyphenobarbital[tiab] OR diacarb[tiab] OR diamox[tiab] OR dinagen[tiab] OR diuramide[tiab] OR dormalon[tiab] OR dormo-puren[tiab] OR eatan[tiab] OR edemox[tiab] OR ezogabine[tiab] OR frisium[tiab] OR gabacet[tiab] OR gabitril[tiab] OR geram[tiab] OR glauconox [tiab] OR glaupax[tiab] OR huma-zolamide[tiab] OR imadorm[tiab] OR imeson[tiab] OR labileno[tiab] OR lamictal[tiab] OR lamiktal[tiab] OR lamotrigine[tiab] OR liskantin[tiab] OR memo-puren[tiab] OR misodine[tiab] OR mizodin[tiab] OR mogadon[tiab] OR mylepsinum[tiab] OR mysoline[tiab] OR nitrazadon[tiab] OR nitrazepam[tiab] OR nitrodiazepam[tiab] OR nootrop[tiab] OR nootropil[tiab] OR nootropyl[tiab] OR normabraïn[tiab] OR novanox[tiab] OR onfi[tiab] OR piracebral[tiab] OR piracetam[tiab] OR piracetrop[tiab] OR pirazetam[tiab] OR potiga[tiab] OR primaclone[tiab] OR primidon[tiab] OR primidone[tiab] OR pyracetam[tiab] OR pyramem[tiab] OR radedorm[tiab] OR remnos[tiab] OR resimatil[tiab] OR retigabine[tiab] OR serenade[tiab] OR sertan[tiab] OR sinapsan[tiab] OR somnite[tiab] OR tiagabine[tiab] OR urbanyl[tiab]	18648
6. 4 OR 5	21735
Study types: systematic reviews (filter: PubMed systematic reviews subset), randomised controlled trials (filter: PubMed clinical queries, therapy, specific/narrow) ¹	
7. systematic[sb]	
8. (randomized controlled trial[Publication Type] OR ((randomized[Title/Abstract] OR randomised[Title/Abstract]) AND controlled[Title/Abstract] AND trial[Title/Abstract]))	
Limits: language, human studies	
9. Filters: Swedish; Norwegian; English; Danish	
10. ("Animals"[Mesh]) NOT "Humans"[Mesh]	
Combined sets	
11. (3 AND 6 AND 7 AND 9) NOT 10	238
12. (3 AND 6 AND 8 AND 9) NOT 10	341

¹ Haynes RB, McKibbin KA, Wilczynski NL, Walter SD, Werre SR, Hedges Team. Optimal search strategies for retrieving scientifically strong studies of treatment from Medline: analytical survey. BMJ 2005;330(7501):1179.

The search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[OT]= Other term

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

OBS!

Sökdokumentationen räknas som arbetsmaterial och får inte spridas utanför projektgruppen innan rapporten publiceras. Om sökstrategin i sin helhet används i andra sammanhang (t.e.x vid publicerande av artikel) bör man hänvisa till den publicerade sökdokumentationen på www.sbu.se

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2604
2.	convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil next spasm*:ti,ab,kw or epileptic* or epileps* or seizure*:ti (Word variations have been searched)	5270
3.	1 OR 2	5933
Intervention: Add-on therapy antidepressants		
4.	MeSH descriptor: [Isocarboxazid] explode all trees	22
5.	MeSH descriptor: [Tranlycypromine] explode all trees	64
6.	MeSH descriptor: [Selegiline] explode all trees	238
7.	MeSH descriptor: [Phenelzine] explode all trees	148
8.	MeSH descriptor: [Trazodone] explode all trees	181
9.	MeSH descriptor: [Citalopram] explode all trees	1002
10.	MeSH descriptor: [Fluoxetine] explode all trees	1284
11.	MeSH descriptor: [Sertraline] explode all trees	752
12.	MeSH descriptor: [Paroxetine] explode all trees	844
13.	MeSH descriptor: [Fluvoxamine] explode all trees	376
14.	MeSH descriptor: [Desvenlafaxine Succinate] explode all trees	53
15.	MeSH descriptor: [Venlafaxine Hydrochloride] explode all trees	479
16.	MeSH descriptor: [Duloxetine Hydrochloride] explode all trees	266
17.	MeSH descriptor: [Maprotiline] explode all trees	158
18.	MeSH descriptor: [Amoxapine] explode all trees	0
19.	MeSH descriptor: [Desipramine] explode all trees	13
20.	MeSH descriptor: [Clomipramine] explode all trees	16
21.	MeSH descriptor: [Trimipramine] explode all trees	2
22.	MeSH descriptor: [Amitriptyline] explode all trees	1086
23.	MeSH descriptor: [Nortriptyline] explode all trees	405
24.	MeSH descriptor: [Imipramine] explode all trees	23
25.	MeSH descriptor: [Protriptyline] explode all trees	14
26.	MeSH descriptor: [Doxepin] explode all trees	158
27.	MeSH descriptor: [Hypericum] explode all trees	174
28.	MeSH descriptor: [Bupropion] explode all trees	601
29.	MeSH descriptor: [5-Hydroxytryptophan] explode all trees	99
30.	MeSH descriptor: [Vilazodone Hydrochloride] explode all trees	18
31.	isocarboxazid or isocarboxazide or tranlycypromine or tranlycypromin or jatrosom or transamine or parnate or selegiline or selegilin or selegylene or "l-deprenyl" or eldepryl or yumex or jumex or humex or zelapar or deprenyl or emsam or deprenalin or deprenil or phenelzine or phenelzin or fenelzin or phenethylhydrazine or "2-Phenethylhydrazine" or nardelzine or nardil or nefazodone or nefazodon or rulivan or serzone or dutonin or nefadar or menfazona or tradozone or tradozon or trazon or thombran or tritico or molipaxin or desyrel or deprax or citalopram or cytalopram or escitalopram or lexapro or fluoxetin or fluoxetine or sarafem or prozac or sertraline or sertralin or zoloft or altruline or lustral or "apo-sertraline" or "apo-sertralin" or aremis or besitrin or sealdin or gladem or paroxetine or paroxetin or seroxat or paxil or aropax or fluvoxamine or fluvoxamina or fluvoxamin or fluvoxadura or luvox or floxyfral or fevarin or dumirox or faverin or desiflu or desvenlafaxine or desvenlafaxin or "O-desmethylvenlafaxine" or pristiq or venlafaxine or venlafaxin or effexor or trevilor or vandral or efexor or dobupal or duloxetine or duloxetin or cymbalta or milnacipran or midalcipran or levomilnacipran or savella or ixel or maprotiline or maprotilin or dibencycladine or psymion or ludiomil or maprolu or mirpan or deprilept or mirtazapine or mirtazapine or esmirtazapine or remeron or remergil or zispin or norset or rexer or amoxapine or amoxapin or desmethylloxapine or demolox or asendin or defanyl or asendis or desipramine or desipramin or desmethylimipramine or	19318

demethylimipramine or norpramin or "ratio-desipramine" or "nu-desipramine" or pertofrane or pertofran or petylyl or clomipramine or clomipramin or chlomipramine or chlorimipramine or hydiphen or maleate or anafranil or trimipramine or trimipramin or trimeprimine or herphonal or trimineurin or "novo-tripramine" or "nu-trimipramine" or nutrिमipramine or rhotrimine or stangyl or surmontil or trimidura or "apo trimip" or apotrimip or eldoral or amitriptyline or amitriptylin or tryptine or amineurin or amitrip or amitrol or anapsique or "apo-amitriptyline" or apoamitriptyline or damilen or domical or laroxyl or lentizol or novoprotect or saroten or sarotex or syneudon or triptafen or endep or tryptizol or tryptanol or elavil or nortriptyline or nortriptylin or desitriptyline or desmethylamitriptylin or aventyl or allegron or paxtibi or norfenazin or "ratio-nortriptyline" or "novo-nortriptyline" or "nu-nortriptyline" or pamelor or "PMS-Nortriptyline" or "apo-nortriptyline" or nortrilen or imipramine or imipramin or norchlorimipramine or imizin or imidobenzyle or tofranil or melipramine or pryleugan or janimine or protriptyline or protriptylin or vivactil or doxepin or doxepine or deptran or desidox or doneurin or doxepia or espadox or mareen or "novo-doxepin" or prudoxin or quitaxon or sinequan or sinquan or zonalon or xepin or aponal or "apo-doxepin" or apodoxepin or hypericum or hypericums or "St. Johns Wort" or "St. Johnswort" or "Saint Johns Wort" or "St. John's Wort" or "St. John Wort" or "Saint John's Wort" or bupropion or amfebutamone or zyntabac or quomen or wellbutrin or "5 hydroxytryptophan" or hydroxytryptophan or oxytryptophan or oxitriptan or vilazodone or vilazodon or viibryd or vortioxetine or brintellix:ti,ab,kw
(Word variations have been searched)

32.	4-31 (OR)	19422
Combined sets		
33.	3 AND 32	73 CDSR/3 DARE/0 Central/ 68 HTA/1

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

MeSH = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, "trials"

DARE = Database Abstracts of Reviews of Effects, "other reviews"

HTA = Health Technology Assessments

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	141,856
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	158,230
3. 1 OR 2	193,451
Intervention: Add-on therapy antidepressants	
4. 'isocarboxazid'/exp OR 'tranylcypromine'/exp OR 'selegiline'/exp OR 'phenelzine'/exp OR 'nefazodone'/exp OR 'trazodone'/exp OR 'citalopram'/exp OR 'fluoxetine'/exp OR 'sertraline'/exp OR 'paroxetine'/exp OR 'fluvoxamine'/exp OR 'desvenlafaxine'/exp OR 'venlafaxine'/exp OR 'duloxetine'/exp OR 'milnacipran'/exp OR 'maprotiline'/exp OR 'mirtazapine'/exp OR 'amoxapine'/exp OR 'desipramine'/exp OR 'clomipramine'/exp OR 'trimipramine'/exp OR 'amitriptyline'/exp OR 'nortriptyline'/exp OR 'imipramine'/exp OR 'protriptyline'/exp OR 'doxepin'/exp OR 'hypericum'/exp OR 'hypericum extract'/exp OR 'hypericum perforatum extract'/exp OR 'hypericum revolutum extract'/exp OR 'amfebutamone'/exp OR '5 hydroxytryptophan'/exp OR 'vilazodone'/exp OR 'vortioxetine'/exp	182,528
5. isocarboxazid OR isocarboxazide OR tranylcypromine OR tranylcypromin OR jatrosom OR transamine OR parnate OR selegiline OR selegilin OR selegiline OR 'l-deprenyl' OR eldepryl OR yumex OR jumex OR humex OR zelapar OR deprenyl OR emsam OR deprenalin OR deprenil OR phenelzine OR phenelzin OR fenelzin OR phenethylhydrazine OR '2-phenethylhydrazine' OR nardelzine OR nardil OR nefazodone OR nefazodon OR rulivan OR serzone OR dutonin OR nefadar OR menfazona OR tradozone OR tradozon OR trazon OR thombolan OR tritico OR molipaxin OR desyrel OR deprax OR citalopram OR cytalopram OR escitalopram OR lexapro OR fluoxetine OR fluoxetin OR sarafem OR prozac OR sertraline OR sertralin OR zoloft OR altruline OR lustral OR 'apo-sertraline' OR 'apo-sertralin' OR aremis OR besitrin OR sealdin OR gladem OR paroxetine OR paroxetin OR seroxat OR paxil OR arapax OR fluvoxamine OR fluvoxamina OR fluvoxamin OR fluvoxadura OR luvox OR floxyfral OR fevarin OR dumirox OR faverin OR desiflu OR desvenlafaxine OR desvenlafaxin OR 'o-desmethylvenlafaxine' OR pristiq OR venlafaxine OR venlafaxin OR effexor OR trevilor OR vandral OR efexor OR dobupal OR duloxetine OR duloxetin OR cymbalta OR milnacipran OR midalcipran OR levomilnacipran OR savella OR ixel OR maprotiline OR maprotilin OR dibencycladine OR psymion OR ludiomil OR maprolu OR mirpan OR deprilept OR mirtazapine OR esmirtazapine OR remeron OR remergil OR zispin OR norset OR rexer OR amoxapine OR amoxapin OR desmethylloxapine OR demolox OR asendin OR defanyl OR asendin OR desipramine OR desipramin OR desmethylimipramine OR demethylimipramine OR norpramin OR 'ratio-desipramine' OR 'nu-desipramine' OR pertofrane OR pertofran OR petylyl OR clomipramine OR clomipramin OR chlomipramine OR chlorimipramine OR hydiphen OR maleate OR anafranil OR trimipramine OR trimipramin OR trimeprimine OR herphonal OR trimineurin OR 'novo-tripramine' OR 'nu-trimipramine' OR nutrimipramine OR rhotrimine OR stangyl OR surmontil OR trimidura OR 'apo trimip' OR apotrimip OR eldoral OR amitriptyline OR amitriptylin OR tryptine OR amineurin OR amitrip OR amitrol OR anapsique OR 'apo-amitriptyline' OR apoamitriptyline OR damilen OR domical OR laroxy OR lentizol OR novoprotect OR saroten OR sarotex OR syneudon OR triptafen OR endep OR tryptizol OR tryptanol OR elavil OR nortriptyline OR nortriptylin OR desitriptyline OR desmethylamitriptylin OR aventyl OR allegron OR paxtibi OR norfenazin OR 'ratio-nortriptyline' OR 'novo-nortriptyline' OR 'nu-nortriptyline' OR pamelor OR 'pms-nortriptyline' OR 'apo-nortriptyline' OR nortrilen OR imipramine OR imipramin OR norchlorimipramine OR imizin OR imidobenzyle OR tofranil OR melipramine OR pryleun OR janimine OR protriptyline OR protriptylin OR vivactil OR doxepin OR doxepine OR deptran OR desidox OR doneurin OR doxepia OR espadox OR mareen OR 'novo-doxepin' OR prudoxin OR quitaxon OR sinequan OR sinquan OR zonalon OR xepin OR aponal OR 'apo-doxepin' OR apodoxepin OR hypericum OR hypericums OR 'st. johns wort' OR 'st. johnswort' OR 'st johns wort' OR 'saint johns wort' OR bupropion OR amfebutamone OR zyntabac OR quomen OR wellbutrin OR '5 hydroxytryptophan' OR	218,878

hydroxytryptophan OR oxytryptophan OR oxitriptan OR vilazodone OR vilazodon OR viibryd
OR vortioxetine OR vortioxetin OR brintellix:ab,ti

6.	4 OR 5	221,323
Limits: language, human studies		
7.	([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
8.	'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	
Combined sets		
9.	3 AND 6	3,491
10.	(7 AND 9) NOT 8	2,182

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy"[Mesh]	145966
2. epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hypsarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184324
3. 1 OR 2	210935
Intervention: Add-on therapy antidepressants	
4. "Isocarboxazid"[Mesh] OR "Tranylcypromine"[Mesh] OR "Selegiline"[Mesh] OR "Phenelzine"[Mesh] OR "nefazodone" [Supplementary Concept] OR "Trazodone"[Mesh] OR "Citalopram"[Mesh] OR "Fluoxetine"[Mesh] OR "Sertraline"[Mesh] OR "Paroxetine"[Mesh] OR "Fluvoxamine"[Mesh] OR "Desvenlafaxine Succinate"[Mesh] OR "Venlafaxine Hydrochloride"[Mesh] OR "Duloxetine Hydrochloride"[Mesh] OR "milnacipran" [Supplementary Concept] OR "Maprotiline"[Mesh] OR "mirtazapine" [Supplementary Concept] OR "Amoxapine"[Mesh] OR "Desipramine"[Mesh] OR "Clomipramine"[Mesh] OR "Trimipramine"[Mesh] OR "Amitriptyline"[Mesh] OR "Nortriptyline"[Mesh] OR "Imipramine"[Mesh] OR "Protriptyline"[Mesh] OR "Doxepin"[Mesh] OR "Hypericum"[Mesh] OR "Bupropion"[Mesh] OR "5-Hydroxytryptophan"[Mesh] OR "Vilazodone Hydrochloride"[Mesh] OR "vortioxetine" [Supplementary Concept]	58351
5. isocarboxazid[tiab] OR isocarboxazide[tiab] OR tranylcypromine[tiab] OR tranylcypromin[tiab] OR jatrosom[tiab] OR transamine[tiab] OR parnate[tiab] OR selegiline[tiab] OR selegilin[tiab] OR selegylene[tiab] OR l-deprenyl[tiab] OR eldepryl[tiab] OR yumex[tiab] OR jumex[tiab] OR humex[tiab] OR zelapar[tiab] OR deprenyl[tiab] OR emsam[tiab] OR deprenalin[tiab] OR deprenil[tiab] OR phenelzine[tiab] OR phenelzin[tiab] OR fenelzin[tiab] OR phenethylhydrazine[tiab] OR 2-Phenethylhydrazine[tiab] OR nardelzine[tiab] OR nardil[tiab] OR nefazodone[tiab] OR nefazodon[tiab] OR rulivan[tiab] OR serzone[tiab] OR dutonin[tiab] OR nefadar[tiab] OR menfazona[tiab] OR tradozone[tiab] OR tradozon[tiab] OR trazon[tiab] OR thombran[tiab] OR tritico[tiab] OR molipaxin[tiab] OR desyrel[tiab] OR deprax[tiab] OR citalopram[tiab] OR cytalopram[tiab] OR escitalopram[tiab] OR lexapro[tiab] OR fluoxetin[tiab] OR fluoxetine[tiab] OR sarafem[tiab] OR prozac[tiab] OR sertraline[tiab] OR sertralin[tiab] OR zoloft[tiab] OR altruline[tiab] OR lustral[tiab] OR apo-sertraline[tiab] OR apo-sertralin[tiab] OR aremis[tiab] OR besitrin[tiab] OR sealdin[tiab] OR gladem[tiab] OR paroxetine[tiab] OR paroxetin[tiab] OR seroxat[tiab] OR paxil[tiab] OR aropax[tiab] OR fluvoxamine[tiab] OR fluvoxamina[tiab] OR fluvoxamin[tiab] OR fluvoxadura[tiab] OR luvox[tiab] OR floxyfral[tiab] OR fevarin[tiab] OR dumirox[tiab] OR faverin[tiab] OR desiflu[tiab] OR desvenlafaxine[tiab] OR desvenlafaxin[tiab] OR O-desmethylvenlafaxine[tiab] OR pristi[tiab] OR venlafaxine[tiab] OR venlafaxin[tiab] OR effexor[tiab] OR trevilor[tiab] OR vandral[tiab] OR efexor[tiab] OR dobupal[tiab] OR duloxetine[tiab] OR duloxetin[tiab] OR cymbalta[tiab] OR milnacipran[tiab] OR midalcipran[tiab] OR levomilnacipran[tiab] OR savella[tiab] OR ixel[tiab] OR maprotiline[tiab] OR maprotilin[tiab] OR dibencycladine[tiab] OR psmion[tiab] OR ludiomil[tiab] OR maprolu[tiab] OR mirpan[tiab] OR deprilept[tiab] OR mirtazapine[tiab] OR mirtazapine[tiab] OR esmirtazapine[tiab] OR remeron[tiab] OR remergil[tiab] OR zispin[tiab] OR norset[tiab] OR rexe[tiab] OR amoxapine[tiab] OR amoxapin[tiab] OR desmethylloxapine[tiab] OR demolox[tiab] OR asendin[tiab] OR defanyl[tiab] OR asendis[tiab] OR desipramine[tiab] OR desipramin[tiab] OR desmethylimipramine[tiab] OR demethylimipramine[tiab] OR norpramin[tiab] OR ratio-desipramine[tiab] OR nu-desipramine[tiab] OR pertofrane[tiab] OR pertofran[tiab] OR petylyl[tiab] OR clomipramine[tiab] OR clomipramin[tiab] OR chlomidipramine[tiab] OR chlorimipramine[tiab] OR hydiphen[tiab] OR maleate[tiab] OR anafranil[tiab] OR trimipramine[tiab] OR trimipramin[tiab] OR trimeprimine[tiab] OR herphonal[tiab] OR trimineurin[tiab] OR novo-tripramine[tiab] OR nu-trimipramine[tiab] OR nutrimipramine[tiab] OR rhotrimine[tiab] OR stangyl[tiab] OR surmontil[tiab] OR trimidura[tiab] OR apo trimip[tiab] OR apotrimip[tiab] OR eldoral[tiab] OR amitriptyline[tiab] OR amitriptylin[tiab] OR tryptine[tiab] OR amineurin[tiab] OR amitrip[tiab] OR amitrol[tiab] OR anapsique[tiab] OR apo-amitriptyline[tiab] OR	69344

apoamitriptyline[tiab] OR damilen[tiab] OR domical[tiab] OR laroxy[tiab] OR lentizol[tiab] OR novoprotect[tiab] OR saroten[tiab] OR sarotex[tiab] OR syneudon[tiab] OR triptafen[tiab] OR endep[tiab] OR tryptizol[tiab] OR tryptanol[tiab] OR elavil[tiab] OR nortriptyline[tiab] OR nortriptylin[tiab] OR desitriptyline[tiab] OR desmethylamitriptylin[tiab] OR aventyl[tiab] OR allegron[tiab] OR paxtibi[tiab] OR norfenazin[tiab] OR ratio-nortriptyline[tiab] OR novo-nortriptyline[tiab] OR nu-nortriptyline[tiab] OR pamelor[tiab] OR PMS-Nortriptyline[tiab] OR apo-nortriptyline[tiab] OR nortrilen[tiab] OR imipramine[tiab] OR imipramin[tiab] OR norchlorimipramine[tiab] OR imizin[tiab] OR imidobenzyle[tiab] OR tofranil[tiab] OR melipramine[tiab] OR prylegan[tiab] OR janimine[tiab] OR protriptyline[tiab] OR protriptylin[tiab] OR vivactil[tiab] OR doxepin[tiab] OR doxepine[tiab] OR depretran[tiab] OR desidox[tiab] OR doneurin[tiab] OR doxepia[tiab] OR espadox[tiab] OR mareen[tiab] OR novo-doxepin[tiab] OR prudoxin[tiab] OR quitaxon[tiab] OR sinequan[tiab] OR sinquan[tiab] OR zonalon[tiab] OR xepin[tiab] OR aponal[tiab] OR apo-doxepin[tiab] OR apodoxepin[tiab] OR hypericum[tiab] OR hypericums[tiab] OR St. Johns Wort[tiab] OR St. Johnswort[tiab] OR Saint Johns Wort[tiab] OR St. John's Wort[tiab] OR St. John Wort[tiab] OR Saint John's Wort[tiab] OR bupropion[tiab] OR amfebutamone[tiab] OR zyntabac[tiab] OR quomen[tiab] OR wellbutrin[tiab] OR 5 hydroxytryptophan[tiab] OR hydroxytryptophan[tiab] OR oxytryptophan[tiab] OR oxitriptan[tiab] OR vilazodone[tiab] OR vilazodon[tiab] OR viibryd[tiab] OR vortioxetine[tiab] OR vortioxetin[tiab] OR brintellix[tiab]

6.	4 OR 5	83832
Limits: language, human studies		
7.	Filters: Swedish; Norwegian; English; Danish	
8.	("Animals"[Mesh]) NOT "Humans"[Mesh]	
Combined sets		
9.	3 AND 6	1972
10.	(6 AND 7) NOT 8	1160

The search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[OT]= Other term

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2508
2.	convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil next spasm*:ti,ab,kw or epileptic* or epileps* or seizure*:ti (Word variations have been searched)	4868
3.	1 OR 2	5515
Intervention: Add-on therapy anti psychotic drugs		
4.	MeSH descriptor: [Clozapine] explode all trees	445
5.	MeSH descriptor: [Quetiapine Fumarate] explode all trees	376
6.	MeSH descriptor: [Aripiprazole] explode all trees	264
7.	MeSH descriptor: [Paliperidone Palmitate] explode all trees	93
8.	MeSH descriptor: [Risperidone] explode all trees	1045
9.	MeSH descriptor: [Chlorpromazine] explode all trees	590
10.	MeSH descriptor: [Perphenazine] explode all trees	183
11.	MeSH descriptor: [Trifluoperazine] explode all trees	110
12.	MeSH descriptor: [Fluphenazine] explode all trees	282
13.	MeSH descriptor: [Prochlorperazine] explode all trees	158
14.	MeSH descriptor: [Thioridazine] explode all trees	189
15.	MeSH descriptor: [Thiothixene] explode all trees	69
16.	MeSH descriptor: [Lithium] explode all trees	668
17.	MeSH descriptor: [Pimozide] explode all trees	101
18.	MeSH descriptor: [Molindone] explode all trees	23
19.	MeSH descriptor: [Loxapine] explode all trees	72
20.	MeSH descriptor: [Haloperidol] explode all trees	1271
21.	MeSH descriptor: [Amitriptyline] explode all trees	1066
22.	MeSH descriptor: [Fluoxetine] explode all trees	1255
23.	MeSH descriptor: [Chlordiazepoxide] explode all trees	296
24.	clozapine or clozapine or clozaril or leponex or asenapine or asepanin or saphris or quetiapine or quetiapine or seroquel or lurasidone or lurasidon or latuda or olanzapine or olanzapine or zolafren or zyprexa or paliperidone or paliperidon or "9-Hydroxy-risperidone" or "9-hydroxyrisperidone" or iloperidone or iloperidon or zomaril or fanapt or cariprazine or cariprazin or aripiprazol or aripiprazole or abilify or brexpiprazole or brexpiprazol or risperidone or risperidon or risperdal or ziprazidone or ziprazidon or geodon or pimavanserin or pimavanserine or nuplazid or chlorpromazine or chlorpromazine or thorazine or aminazine or largactil or chlordelazine or contomin or fenactil or propaphenin or chlorazine or perfenazine or perfenazin or perphenazine or perphenazine or chlorpiprazine or trilafon or trifluoperazine or trifluoperazin or trifluperazine or trifluoperazine or eskazine or flupazine or terfluzine or triftazin or "apo-trifluoperazine" or apotrifluoperazine or stelazine or flufenazin or flufenazine or flyphenazin or fluphenazine or lyogen or prolixin or prochlorperazine or prochlorperazin or compazine or thioridazine or thioridazin or apothioridazine or meleril or melleril or melleryl or mellaril or melleretten or melzine or thiozine or sonapax or aldazine or rideril or tiotixene or navane or lithium or pimozide or pimozid or antalon or orap or molindone or molidon or moban or loxapine or loxapin or oxilapine or cloxazepine or loxitane or loxapinsuccinate or haloperidol or haldol or amitriptylin or amitriptyline or tryptine or amineurin or amitrip or amitriptylinneuraxpharm or amitrol or anapsique or "apo-amitriptyline" or apoamitriptyline or damilen or domical or laroxyl or lentizol or novoprotect or saroten or sarotex or syneudon or triptafen or endep or tryptizol or tryptanol or elavil or fluoxetine or fluoxetin or sarafem or prozac or chlordiazepoxide or chlordiazepoxid or methaminodiazepoxide or librium or chlozepid or elenium:ti,ab,kw (Word variations have been searched)	16625
25.	4-24 (OR)	16667

Combined sets**26. 3 AND 25****73
CDSR/5
DARE/0
Central/
67
HTA/0**

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

MeSH = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

Search terms		Items found
Population: Epilepsy		
1.	'epilepsy'/exp/mj	142,033
2.	epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hysarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	158,458
3.	1 OR 2	187,589
Intervention: Add-on therapy anti psychotic drugs		
4.	'clozapine'/exp OR 'asenapine'/exp OR 'quetiapine'/exp OR 'lurasidone'/exp OR 'olanzapine'/exp OR 'paliperidone'/exp OR 'iloperidone'/exp OR 'cariprazine'/exp OR 'aripiprazole'/exp OR 'aripiprazole cavoxil'/exp OR 'aripiprazole lauroxil'/exp OR 'brexpiprazole'/exp OR 'risperidone'/exp OR 'ziprasidone'/exp OR 'pimavanserin'/exp OR 'chlorpromazine'/exp OR 'perphenazine'/exp OR 'trifluoperazine'/exp OR 'fluphenazine'/exp OR 'prochlorperazine'/exp OR 'thioridazine'/exp OR 'tiotixene'/exp OR 'lithium'/exp OR 'pimozide'/exp OR 'molindone'/exp OR 'haloperidol'/exp OR 'loxapine'/exp OR 'amitriptyline'/exp OR 'fluoxetine'/exp OR 'chlordiazepoxide'/exp	256,436
5.	clozapine:ab,ti OR clozaril:ab,ti OR leponex:ab,ti OR asenapine:ab,ti OR asepanin:ab,ti OR saphris:ab,ti OR quetiapine:ab,ti OR seroquel:ab,ti OR lurasidone:ab,ti OR lurasidon:ab,ti OR latuda:ab,ti OR olanzapine:ab,ti OR zolafren:ab,ti OR zyprexa:ab,ti OR paliperidone:ab,ti OR paliperidon:ab,ti OR '9-hydroxy-risperidone':ab,ti OR '9-hydroxyrisperidone':ab,ti OR iloperidone:ab,ti OR iloperidon:ab,ti OR zomaril:ab,ti OR fanapt:ab,ti OR cariprazine:ab,ti OR cariprazin:ab,ti OR aripiprazol:ab,ti OR aripiprazole:ab,ti OR abilify:ab,ti OR brexpiprazole:ab,ti OR brexpiprazol:ab,ti OR risperidone:ab,ti OR risperidon:ab,ti OR risperdal:ab,ti OR ziprazidone:ab,ti OR ziprazidon:ab,ti OR geodon:ab,ti OR pimavanserine:ab,ti OR pimavanserin:ab,ti OR nuplazid:ab,ti OR chlorpromazine:ab,ti OR thorazine:ab,ti OR aminazine:ab,ti OR largactil:ab,ti OR chlordelazine:ab,ti OR contomin:ab,ti OR fenactil:ab,ti OR propaphenin:ab,ti OR chlorazine:ab,ti OR perphenazine:ab,ti OR perfenazin:ab,ti OR perphenazine:ab,ti OR chlorpiprazine:ab,ti OR trilafon:ab,ti OR trifluoperazine:ab,ti OR trifluoperazin:ab,ti OR trifluperazine:ab,ti OR trifluoperazine:ab,ti OR eskazine:ab,ti OR flupazine:ab,ti OR terfluzine:ab,ti OR triftazin:ab,ti OR 'apo-trifluoperazine':ab,ti OR apotrifluoperazine:ab,ti OR stelazine:ab,ti OR flufenazin:ab,ti OR flufenazine:ab,ti OR flyphenazin:ab,ti OR fluphenazine:ab,ti OR lyogen:ab,ti OR prolixin:ab,ti OR prochlorperazine:ab,ti OR prochlorperazin:ab,ti OR compazine:ab,ti OR thioridazine:ab,ti OR thioridazin:ab,ti OR apothioridazine:ab,ti OR 'apo thioridazine':ab,ti OR meleril:ab,ti OR melleril:ab,ti OR melleryl:ab,ti OR mellaril:ab,ti OR melleretten:ab,ti OR melzine:ab,ti OR thiozine:ab,ti OR sonapax:ab,ti OR aldazine:ab,ti OR rideril:ab,ti OR tiotixene:ab,ti OR navane:ab,ti OR lithium:ab,ti OR pimozide:ab,ti OR pimozid:ab,ti OR antalon:ab,ti OR orap:ab,ti OR molindone:ab,ti OR molidon:ab,ti OR moban:ab,ti OR loxapine:ab,ti OR loxapin:ab,ti OR oxilapine:ab,ti OR cloxazepine:ab,ti OR loxitane:ab,ti OR loxapinsuccinate:ab,ti OR haloperidol:ab,ti OR haldol:ab,ti OR amitriptylin:ab,ti OR amitriptyline:ab,ti OR tryptine:ab,ti OR amineurin:ab,ti OR amitrip:ab,ti OR amitriptylinneuraxpharm:ab,ti OR amitrol:ab,ti OR anapsique:ab,ti OR 'apo-amitriptyline':ab,ti OR apoamitriptyline:ab,ti OR damilen:ab,ti OR domical:ab,ti OR laroxyl:ab,ti OR lentirol:ab,ti OR novoprotect:ab,ti OR saroten:ab,ti OR sarotex:ab,ti OR syneudon:ab,ti OR triptafen:ab,ti OR endep:ab,ti OR tryptizol:ab,ti OR tryptanol:ab,ti OR elavil:ab,ti OR fluoxetine:ab,ti OR fluoxetin:ab,ti OR sarafem:ab,ti OR prozac:ab,ti OR chlordiazepoxide:ab,ti OR chlordiazepoxid:ab,ti OR methaminodiazepoxide:ab,ti OR librium:ab,ti OR chlozepid:ab,ti OR elenium:ab,ti	140,216
6.	4 OR 5	281,581
Limits: language, human studies, publication type		
7.	([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
8.	'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,327,627

Combined sets		
9.	3 AND 6	4,994
10.	(7 AND 9) NOT 8	2,728

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the EMTREE controlled vocabulary
/exp= Includes terms found below this term in the EMTREE hierarchy
/mj = Major Topic
:ab = Abstract
:au = Author
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
" " = Citation Marks; searches for an exact phrase

Search terms		Items found
Population: Epilepsy		
1.	"Epilepsy"[Mesh]	146005
2.	epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hypsarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184334
3.	1 OR 2	210948
Intervention: Add-on therapy anti psychotic drugs		
4.	"Clozapine"[Mesh] OR "Asenapine" [Supplementary Concept] OR "Quetiapine Fumarate"[Mesh] OR "Lurasidone Hydrochloride"[Mesh] OR "olanzapine" [Supplementary Concept] OR "Paliperidone Palmitate"[Mesh] OR "iloperidone" [Supplementary Concept] OR "cariprazine" [Supplementary Concept] OR "Aripiprazole"[Mesh] OR "brexiprazole" [Supplementary Concept] OR "Risperidone"[Mesh] OR "ziprasidone" [Supplementary Concept] OR "pimavanserin" [Supplementary Concept] OR "Chlorpromazine"[Mesh] OR "Perphenazine"[Mesh] OR "Trifluoperazine"[Mesh] OR "Fluphenazine"[Mesh] OR "Prochlorperazine"[Mesh] OR "Thioridazine"[Mesh] OR "Thiothixene"[Mesh] OR "Lithium"[Mesh] OR "Pimozide"[Mesh] OR "Molindone"[Mesh] OR "Loxapine"[Mesh] OR "Haloperidol"[Mesh] OR "Amitriptyline"[Mesh] OR "Fluoxetine"[Mesh] OR "Chlordiazepoxide"[Mesh]	94607
5.	clozapine[tiab] OR clozapine[tiab] OR clozaril[tiab] OR leponex[tiab] OR asenapine[tiab] OR asepanin[tiab] OR saphris[tiab] OR quetiapine[tiab] OR quetiapine[tiab] OR seroquel[tiab] OR lurasidone[tiab] OR lurasidon[tiab] OR latuda[tiab] OR olanzapine[tiab] OR olanzapine[tiab] OR zolafren[tiab] OR zyprexa[tiab] OR paliperidone[tiab] OR paliperidon[tiab] OR 9-Hydroxy-risperidone[tiab] OR 9-hydroxyrisperidone[tiab] OR iloperidone[tiab] OR iloperidon[tiab] OR zomaril[tiab] OR fanapt[tiab] OR cariprazine[tiab] OR cariprazin[tiab] OR aripiprazol[tiab] OR aripiprazole[tiab] OR abilify[tiab] OR brexpiprazole[tiab] OR brexpiprazol[tiab] OR risperidone[tiab] OR risperidon[tiab] OR risperdal[tiab] OR ziprazidone[tiab] OR ziprazidon[tiab] OR geodon[tiab] OR pimavanserin[tiab] OR pimavanserine[tiab] OR nuplazid[tiab] OR chlorpromazine[tiab] OR chlorpromazine[tiab] OR thorazine[tiab] OR aminazine[tiab] OR largactil[tiab] OR chlordelazine[tiab] OR contomin[tiab] OR fenactil[tiab] OR propaphenin[tiab] OR chlorazine[tiab] OR perfenazine[tiab] OR perfenazin[tiab] OR perphenazine[tiab] OR perphenazine[tiab] OR chlorpiprazine[tiab] OR trilaforon[tiab] OR trifluoperazine[tiab] OR trifluoperazin[tiab] OR trifluperazine[tiab] OR trifluoperazine[tiab] OR eskazine[tiab] OR flupazine[tiab] OR terfluzine[tiab] OR triftazin[tiab] OR apo-trifluoperazine[tiab] OR apotrifluoperazine[tiab] OR stelazine[tiab] OR flufenazin[tiab] OR flufenazine[tiab] OR flyphenazin[tiab] OR fluphenazine[tiab] OR lyogen[tiab] OR prolixin[tiab] OR prochlorperazine[tiab] OR prochlorperazin[tiab] OR compazine[tiab] OR thioridazine[tiab] OR thioridazin[tiab] OR apothioridazine[tiab] OR meleril[tiab] OR melleril[tiab] OR melleryl[tiab] OR mellaril[tiab] OR melleretten[tiab] OR melzine[tiab] OR thiozine[tiab] OR sonapax[tiab] OR aldazine[tiab] OR rideril[tiab] OR tiotixene[tiab] OR navane[tiab] OR lithium[tiab] OR pimozide[tiab] OR pimozid[tiab] OR antalon[tiab] OR orap[tiab] OR molindone[tiab] OR molidon[tiab] OR moban[tiab] OR loxapine[tiab] OR loxapin[tiab] OR oxilapine[tiab] OR clozapine[tiab] OR loxitane[tiab] OR loxapinsuccinate[tiab] OR haloperidol[tiab] OR haldol[tiab] OR amitriptylin[tiab] OR amitriptyline[tiab] OR tryptine[tiab] OR amineurin[tiab] OR amitrip[tiab] OR amitriptylinneuraxpharm[tiab] OR amitrol[tiab] OR anapsique[tiab] OR apo-amitriptyline[tiab] OR apoamitriptyline[tiab] OR damilen[tiab] OR domical[tiab] OR laroxyl[tiab] OR lentizol[tiab] OR novoprotect[tiab] OR saroten[tiab] OR sarotex[tiab] OR syneudon[tiab] OR triptafen[tiab] OR endep[tiab] OR tryptizol[tiab] OR tryptanol[tiab] OR elavil[tiab] OR fluoxetine[tiab] OR fluoxetin[tiab] OR sarafem[tiab] OR prozac[tiab] OR chlordiazepoxide[tiab] OR chlordiazepoxid[tiab] OR methaminodiazepoxide[tiab] OR librium[tiab] OR chlozepid[tiab] OR elenium[tiab]	117648
6.	4 OR 5	142738

Limits: language, human studies

7.	Filters: Swedish; Norwegian; English; Danish	
8.	("Animals"[Mesh]) NOT "Humans"[Mesh]	
Combined sets		
9.	3 AND 6	3386
10.	(7 AND 9) NOT 8	1740

The search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[OT]= Other term

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2600
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil next spasm*:ti,ab,kw (Word variations have been searched)	8530
3.	1 OR 2	8542
Intervention: Add on therapy CNS-drugs		
4.	MeSH descriptor: [Diethylpropion] explode all trees	48
5.	MeSH descriptor: [Methamphetamine] explode all trees	257
6.	MeSH descriptor: [Benzphetamine] explode all trees	2
7.	MeSH descriptor: [Pemoline] explode all trees	61
8.	MeSH descriptor: [Dextroamphetamine] explode all trees	581
9.	MeSH descriptor: [Lisdexamfetamine Dimesylate] explode all trees	72
10.	MeSH descriptor: [Phentermine] this term only	58
11.	MeSH descriptor: [Dexmethylphenidate Hydrochloride] explode all trees	24
12.	MeSH descriptor: [Methylphenidate] explode all trees	1208
13.	MeSH descriptor: [Caffeine] explode all trees	1650
14.	MeSH descriptor: [Atomoxetine Hydrochloride] explode all trees	197
15.	MeSH descriptor: [Sodium Benzoate] explode all trees	11
16.	MeSH descriptor: [Doxapram] explode all trees	71
17.	"adipex p" or amfepramon* or amphetamin or amphetamine or armodafinil* or atomoxetin* or benzfetamin* or benzphetamin* or caffedrin* or caffeine or centedrin* or coffeinum or concerta or cylert or "d amphetamin" or "d amphetamine" or daytrana or deoxyephedrin* or desoxyephedrine or desoxyephedrin or desoxyn or dexamfetamin* or dexamphetamin* or dexedrin* or dexmethylphenidat* or "dextro amphetamine*" or dextroamphetamine or didrex or diethylpropion* or dietil or dopram or doxapram or duromin* or elvanse or equasym or focalin or ionamin* or lipomin or lisdexamfetamin* or lisdexamphetamin* or madrin* or metadate or metamphetamine* or methamphetamine or methamphetamine or methylamphetamine* or methylin or methyline or methylphenidat or methylphenidate or modafinil or modafinile or modiodal or "n methylamphetamine*" or "no doz" or pemolin* or phendimetrazin* or phenidylat* or phenoxazol* or phentermin* or phepranon* or propion or provigil or regenon or ritalin or ritaline or "sodium benzoate" or "benzoic acid" or sparlon or strattera or tenuate or tomoxetin* or tradon or tsentedrin* or vigil or vivarin or vyvanse or adipex or alertec or anorex or curban or delgamer or dexitac or dextroamphetamine or dextrostat or dietilretard or docaton* or durvitan or maruate or moderatan or neobes or nobesin* or novigil or oxydess or percoffedrinol or percutafein* or phenylisohydantoin* or prefamon* or "quick pep" or regibon or tepanil:ti,ab,kw	8221
18.	4-17 (OR)	8221
Combined sets		
19.	3 AND 18	54 CDSR/4 DARE/0 Central/ 50 HTA/0

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

MeSH = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase
phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	141,806
2. epileptic*:ti OR epileps*:ti OR seizure:ti OR seizures:ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	158,159
3. 1 OR 2	193,462
Intervention: Add-on therapy CNS-drugs	
4. 'amfepramone'/exp OR 'methamphetamine'/exp OR 'benzphetamine'/exp OR 'pemoline'/exp OR 'dexamphetamine'/exp OR 'lisdexamfetamine'/exp OR 'phentermine'/exp OR 'modafinil'/exp OR 'dexmethylphenidate'/exp OR 'armodafinil'/exp OR 'methylphenidate'/exp OR 'caffeine'/exp OR 'atomoxetine'/exp OR 'benzoic acid'/exp OR 'doxapram'/exp	107,346
5. 'adipex p':ab,ti OR amfepramon*:ab,ti OR amphetamin:ab,ti OR amphetamine:ab,ti OR armodafinil*:ab,ti OR atomoxetin*:ab,ti OR benzfetamin*:ab,ti OR benzphetamine*:ab,ti OR caffedrin*:ab,ti OR caffeine:ab,ti OR centedrin*:ab,ti OR coffeinum:ab,ti OR concerta:ab,ti OR cylert:ab,ti OR 'd amphetamin':ab,ti OR 'd amphetamine':ab,ti OR daytrana:ab,ti OR deoxyephedrin*:ab,ti OR desoxyephedrine:ab,ti OR desoxyephedrin:ab,ti OR desoxyn:ab,ti OR dexamfetamin*:ab,ti OR dexamphetamine*:ab,ti OR dexedrin*:ab,ti OR dexmethylphenidat*:ab,ti OR 'dextro amphetamin*':ab,ti OR dextroamphetamine:ab,ti OR didrex:ab,ti OR diethylpropion*:ab,ti OR dietil:ab,ti OR dopram:ab,ti OR doxapram:ab,ti OR duromin*:ab,ti OR elvanse:ab,ti OR equasym:ab,ti OR focalin:ab,ti OR ionamin*:ab,ti OR lipomin:ab,ti OR lisdexamfetamin*:ab,ti OR lisdexamphetamine*:ab,ti OR madrin*:ab,ti OR metadate:ab,ti OR metamfetamin*:ab,ti OR methamphetamine:ab,ti OR methamphetamine:ab,ti OR methylamphetamin*:ab,ti OR methylin:ab,ti OR methyline:ab,ti OR methylphenidat:ab,ti OR methylphenidate:ab,ti OR modafinil:ab,ti OR modafinile:ab,ti OR modiodal:ab,ti OR 'n methylamphetamin*':ab,ti OR 'no doz':ab,ti OR pemolin*:ab,ti OR phendimetrazin*:ab,ti OR phenidylat*:ab,ti OR phenoxazol*:ab,ti OR phentermin*:ab,ti OR phepranon*:ab,ti OR propion:ab,ti OR provigil:ab,ti OR regenon:ab,ti OR ritalin:ab,ti OR ritaline:ab,ti OR 'sodium benzoate':ab,ti OR 'benzoic acid':ab,ti OR sparlon:ab,ti OR strattera:ab,ti OR tenuate:ab,ti OR tomoxetin*:ab,ti OR tradon:ab,ti OR tsentedrin*:ab,ti OR vigil:ab,ti OR vivarin:ab,ti OR vyvanse:ab,ti OR adipexp:ti,ab OR alertec:ti,ab OR anorex:ti,ab OR curban:ti,ab OR delgamer:ti,ab OR dexitac:ti,ab OR dextroamphetamin:ti,ab OR dextrostat:ti,ab OR dietilretard:ti,ab OR docaton*:ti,ab OR durvitan:ti,ab OR maruate:ti,ab OR moderatan:ti,ab OR neobes:ti,ab OR nobesin*:ti,ab OR novigil:ti,ab OR oxydess:ti,ab OR percofedrinol:ti,ab OR percutafein*:ti,ab OR phenylisohydantoin*:ti,ab OR prefamon*:ti,ab OR 'quick pep':ti,ab OR regibon:ti,ab OR tepanil:ti,ab	90,529
6. 4 OR 5	137,110
Limits: language, human studies, publication type	
7. ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
8. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,319,588
9. ([article]/lim OR [article in press]/lim OR [erratum]/lim OR [review]/lim)	
Combined sets	
10. (3 AND 6 AND 7 AND 9) NOT 8	599

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the Emtree controlled vocabulary

/exp= Includes terms found below this term in the Emtree hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

Search terms		Items found
Population: Epilepsy		
1.	"Epilepsy"[Mesh]	145916
2.	epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hysarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184164
3.	1 OR 2	210769
Intervention: Add on therapy CNS-drugs		
4.	"Diethylpropion"[Mesh] OR "Methamphetamine"[Mesh] OR "Benzphetamine"[Mesh] OR "Pemoline"[Mesh] OR "Dextroamphetamine"[Mesh] OR "Lisdexamfetamine Dimesylate"[Mesh] OR "Phentermine"[Mesh:NoExp] OR "modafinil" [Supplementary Concept] OR "Dexmethylphenidate Hydrochloride"[Mesh] OR "armodafinil" [Supplementary Concept] OR "Methylphenidate"[Mesh] OR "Caffeine"[Mesh] OR "Atomoxetine Hydrochloride"[Mesh] OR "Sodium Benzoate"[Mesh] OR "Doxapram"[Mesh]	46008
5.	adipex p[tiab] OR amfepramon*[tiab] OR amphetamin[tiab] OR amphetamine[tiab] OR armodafinil*[tiab] OR atomoxetin*[tiab] OR benzfetamin*[tiab] OR benzphetamine*[tiab] OR caffedrin*[tiab] OR caffeine[tiab] OR centedrin*[tiab] OR coffeinum[tiab] OR concerta[tiab] OR cylert[tiab] OR d amphetamin[tiab] OR d amphetamine[tiab] OR daytrana[tiab] OR deoxyephedrin*[tiab] OR desoxyephedrine[tiab] OR desoxyephedrin[tiab] OR desoxyn[tiab] OR dexamfetamin*[tiab] OR dexamphetamin*[tiab] OR dexedrin*[tiab] OR dexmethylphenidat*[tiab] OR dextro amphetamin*[tiab] OR dextroamphetamine[tiab] OR didrex[tiab] OR diethylpropion*[tiab] OR dietil[tiab] OR dopram[tiab] OR doxapram[tiab] OR duromin*[tiab] OR elvanse[tiab] OR equasym[tiab] OR focalin[tiab] OR ionamin*[tiab] OR lipomin[tiab] OR lisdexamfetamin*[tiab] OR lisdexamphetamin*[tiab] OR madrin*[tiab] OR metadate[tiab] OR metamfetamin*[tiab] OR methamphetamine[tiab] OR methamphetamine[tiab] OR methylamphetamine*[tiab] OR methylin[tiab] OR methylene[tiab] OR methylphenidat[tiab] OR methylphenidate[tiab] OR modafinil[tiab] OR modafinile[tiab] OR modiodal[tiab] OR N-Methylamphetamine*[tiab] OR No Doz[tiab] OR pemolin*[tiab] OR phendimetrazin*[tiab] OR phenidylat*[tiab] OR phenoxazol*[tiab] OR phentermin*[tiab] OR phepranon*[tiab] OR propion[tiab] OR provigil[tiab] OR regenon[tiab] OR ritalin[tiab] OR ritaline[tiab] OR sodium benzoate[tiab] OR sparlon[tiab] OR strattera[tiab] OR tenuate[tiab] OR tomoxetin*[tiab] OR tradon[tiab] OR tsentedrin*[tiab] OR vigil[tiab] OR vivarin[tiab] OR vyvanse[tiab]	67344
6.	4 OR 5	77256
Limits: language, human studies		
7.	Filters: Swedish; Norwegian; English; Danish	
8.	("Animals"[Mesh]) NOT "Humans"[Mesh]	4385721
Combined sets		
9.	(3 AND 6 AND 7) NOT 8	811

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[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[OT]= Other term

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2611
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantil* next spasm*:ti,ab,kw (Word variations have been searched)	8595
3.	1 OR 2	8596
Intervention: Drug therapy		
4.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Drug therapy - DT]	1534
5.	MeSH descriptor: [Drug Therapy] explode all trees	135427
6.	MeSH descriptor: [Anticonvulsants] explode all trees	2352
7.	MeSH descriptor: [Carbamazepine] explode all trees	696
8.	MeSH descriptor: [Phenytoin] explode all trees	538
9.	MeSH descriptor: [Valproic Acid] explode all trees	772
10.	MeSH descriptor: [Phenobarbital] explode all trees	452
11.	MeSH descriptor: [Pregabalin] explode all trees	337
12.	MeSH descriptor: [Vigabatrin] explode all trees	122
13.	MeSH descriptor: [Ethosuximide] explode all trees	11
14.	MeSH descriptor: [Diazepam] explode all trees	1862
15.	MeSH descriptor: [Benzodiazepines] explode all trees	7995
16.	MeSH descriptor: [Immunoglobulins] explode all trees and with qualifier(s): [Therapeutic use - TU]	5707
17.	MeSH descriptor: [Immunomodulation] explode all trees	8438
18.	MeSH descriptor: [Pyridoxine] explode all trees	331
19.	MeSH descriptor: [Cosyntropin] explode all trees	85
20.	carbamazepine or tegretol or carbazepin or epitol or finlepsin or neurotol or amizepine or hydantol or antisacer or dilantin or phenytoin or epanutin or diphenylhydantoin or fenitoin or difenin or dihydantol or "sodium diphenylhydantoinate" or epamin or "dipropyl acetate" or valproate or "valproic acid" or ergenyl or convulsofin or depakene or depakine or depakote or vupral or "2-propylpentanoic acid" or "2 propylpentanoic acid" or "propylisopropylacetic acid" or divalproex or phenobarbitone or phenobarbital or "phenylethylbarbituric acid" or phenemal or phenylbarbital or hysteps or luminal or gardenal or timox or oxcarbazepine or lamotrigine or trileptal or crisomet or lamictal or lamiktal or labileno or convalis or gabapentin or gabapentine or neurontin or topamax or topiramate or epitomax or levetiracetam or etiracetam or keppra or zonegran or zonisamide or felbamate or felbamyl or felbatol or taloxa or midazolam or lorazepam or clonazepam or diazepam or clobazam or cerebyx or prodilantin or fosphenytoin or Sultiam or ospolot or sulthiame or Pregabalin or lycrica or Vigabatrin or sabril or sabrilix or Lacosamide or vimpat or ethosuximide or emeside or suxilep or suksilep or petnidan or pyknolepsinum or zarontin or ethosuccimid or ethylmethylsuccimide or ethymal or "eslicarbazepine acetate" or aptiom or zebinix or stiripentol or immunoglobulin* or immunomodulatory or immunomodulation* or remacemide or ryridoxine or pyridoxine or pyridoxol or rodex or cortrosyn or ezogabine or cortosyn or ACTH or tetracosactide or tetracosactrin or tetracosapeptide or rufinamide or etigabine or perampanel:ti,ab,kw (Word variations have been searched)	39067
21.	anticonvulsants or anticonvulsives or antiepileptics or anti next convulsant* or anti next convulsive* or anti next epileptic*:ti,ab,kw (Word variations have been searched)	2846
22.	(anticonvulsive or anticonvulsant or antiepileptic or "anti convulsive" or "anti convulsant" or "anti epileptic") next (drug* or treatment or therapy or agent* or medication):ti,ab,kw (Word variations have been searched)	2415
23.	4-22 (OR)	178038
Combined sets		
24.	3 AND 23	4964
Limits		
25.	pubmed or embase:an (Word variations have been searched)	807219

26.	HS-HANDSRCH (Word variations have been searched)	174401
27.	(24 NOT 25) OR (24 AND 26)	1677
		Central/
		1262
28.	((24 NOT 25) OR (24 AND 26)) from 2016 to 2017	CDSR/53
		DARE/0
		HTA/0

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

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 this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	142,446
2. epileptic*:ab,ti OR epileps*:ab,ti OR seizure:ab,ti OR seizures:ab,ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hysarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	258,154
3. 1 OR 2	278,249
Intervention: Drug therapy	
4. 'anticonvulsive agent'/exp/dd_dt	135,796
5. 'anticonvulsant therapy'/exp	8,894
6. 'anticonvulsant activity'/exp	8,055
7. 'drug therapy'/de	509,804
8. 'epilepsy'/exp/dm_dt	49,563
9. 'convulsion'/dm_dt	2,725
10. 'seizure'/dm_dt	19,168
11. 'benzodiazepine derivative'/exp/dd_dt	60,903
12. 'immunoglobulin'/exp/dd_dt	44,919
13. 'immunomodulation'/exp	68,361
14. 'pyridoxine'/exp/dd_dt	7,388
15. 'tetracosactide'/exp/dd_dt	460
16. 'drug therapy':ab,ti OR pharmacotherapy:ab,ti OR 'pharmacologic therapy':ab,ti OR 'pharmacologic treatment':ab,ti OR 'drug management':ab,ti	90,878
17. anticonvulsants:ab,ti OR anticonvulsives:ab,ti OR antiepileptics:ab,ti OR 'anti convulsants':ab,ti OR 'anti convulsives':ab,ti OR 'anti epileptics':ab,ti	13,193
18. ((anticonvulsive OR anticonvulsant OR antiepileptic OR 'anti convulsive' OR 'anti convulsant' OR 'anti epileptic') NEXT/1 (drug* OR treatment OR therapy OR agent* OR medication)):ab,ti	37,939
19. carbamazepine:ab,ti OR tegretol:ab,ti OR carbazepin:ab,ti OR epitol:ab,ti OR finlepsin:ab,ti OR neurotol:ab,ti OR amizepine:ab,ti OR hydantol:ab,ti OR antisacer:ab,ti OR dilantin:ab,ti OR epanutin:ab,ti OR diphenylhydantoin:ab,ti OR fenitoin:ab,ti OR difenin:ab,ti OR dihydant:ab,ti OR 'sodium diphenylhydantoinate':ab,ti OR epamin:ab,ti OR 'dipropyl acetate':ab,ti OR valproate:ab,ti OR 'valproic acid':ab,ti OR ergenyl:ab,ti OR convulsofin:ab,ti OR depakene:ab,ti OR depakine:ab,ti OR depakote:ab,ti OR vupral:ab,ti OR '2-propylpentanoic acid':ab,ti OR '2 propylpentanoic acid':ab,ti OR 'propylisopropylacetic acid':ab,ti OR divalproex:ab,ti OR phenobarbitone:ab,ti OR phenobarbital:ab,ti OR 'phenylethylbarbituric acid':ab,ti OR phenemal:ab,ti OR phenylbarbital:ab,ti OR hysteps:ab,ti OR luminal:ab,ti OR gardenal:ab,ti OR timox:ab,ti OR oxcarbazepine:ab,ti OR trileptal:ab,ti OR crisomet:ab,ti OR lamictal:ab,ti OR lamiktal:ab,ti OR labileno:ab,ti OR convalis:ab,ti OR gabapentin:ab,ti OR gabapentine:ab,ti OR neurontin:ab,ti OR topamax:ab,ti OR topiramate:ab,ti OR epitomax:ab,ti OR levetiracetam:ab,ti OR etiracetam:ab,ti OR keppra:ab,ti OR zonegran:ab,ti OR zonisamide:ab,ti OR felbamate:ab,ti OR felbamil:ab,ti OR felbatol:ab,ti OR taloxa:ab,ti OR cerebyx:ab,ti OR prodilantin:ab,ti OR fosphenytoin:ab,ti OR sultiam:ab,ti OR ospolot:ab,ti OR pregabalin:ab,ti OR lyrica:ab,ti OR vigabatrin:ab,ti OR sabril:ab,ti OR sabrilex:ab,ti OR lacosamide:ab,ti OR vimpat:ab,ti OR ethosuximide:ab,ti OR emeside:ab,ti OR suxilep:ab,ti OR suksilep:ab,ti OR petnidan:ab,ti OR pyknolepsinum:ab,ti OR zarontin:ab,ti OR ethosuccimid:ab,ti OR ethylmethylsuccimide:ab,ti OR ethymal:ab,ti OR 'eslicarbazepine acetate':ab,ti OR aptiom:ab,ti OR zebinix:ab,ti OR stiripentol:ab,ti OR immunoglobulin*:ab,ti OR immunomodulatory:ab,ti OR immunomodulation*:ab,ti OR remacemide:ab,ti OR ryridoxine:ab,ti OR pyridoxine:ab,ti OR pyridoxol:ab,ti OR rodex:ab,ti OR cortrosyn:ab,ti OR cortosyn:ab,ti OR acth:ab,ti OR tetracosactide:ab,ti OR tetracosactrin:ab,ti OR tetracosapeptide:ab,ti OR rufinamide:ab,ti OR etigabine:ab,ti OR perampanel:ab,ti OR ezogabine:ab,ti OR retigabine:ab,ti OR harkoseride:ab,ti OR phenytoin:ab,ti OR diphenin:ab,ti OR hydantoin:ab,ti OR	457,114

midazolam:ab,ti OR lorazepam:ab,ti OR clonazepam:ab,ti OR diazepam:ab,ti OR
clobazam:ab,ti

20.	5-20 (OR)	1,227,236
Combined sets		
21.	4 AND 20	94,721
Study types: RCT strategy based on SIGN filter (with modifications), systematic reviews		
22.	'clinical trial'/exp OR 'randomized controlled trial'/de OR 'randomization'/de OR 'single blind procedure'/de OR 'double blind procedure'/de OR 'crossover procedure'/de OR 'placebo'/de OR randomi?ed NEXT/1 controlled NEXT/1 trial* OR rct OR 'random allocation' OR 'randomly allocated' OR allocated NEAR/2 random OR single NEXT/1 blind* OR double NEXT/1 blind* OR (treble OR triple) NEXT/1 blind* OR placebo* NOT ('case study'/de OR 'case report' OR 'abstract report'/de OR 'letter'/de)	1,637,681
23.	'systematic review'/de	148,766
24.	'meta analysis'/de	132,957
25.	[cochrane review]/lim	16,601
26.	(systematic* NEXT/3 (review* OR overview)):ti,ab OR (systematic* NEXT/3 bibliographic*):ti,ab OR (systematic* NEXT/3 literature):ti,ab OR (meta-analy* or metaanaly*):ti,ab	246,835
27.	23-26 (OR)	312,462
Limits: Publication Type, Language, Human studies		
28.	[article]/lim OR [article in press]/lim OR [erratum]/lim	22,997,779
29.	[danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim	27,178,863
30.	'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,340,692
31.	(21 AND 22 AND 28 AND 29) NOT 30	4,109
32.	(21 AND 27 AND 29) NOT 30 [2016-2017]/py	352

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ “ = Citation Marks; searches for an exact phrase “ “ = Citation Marks; searches for an exact phrase

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy"[Mesh]	146144
2. epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hypsarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184935
3. 1 OR 2	211553
Intervention: Drug therapy	
4. "Drug Therapy"[Mesh] OR "Epilepsy/drug therapy"[Mesh]	1238806
5. drug therapy[tiab] OR pharmacotherapy[tiab] OR pharmacologic therapy[tiab] OR pharmacologic treatment[tiab] OR drug management[tiab]	76060
Intervention: Drug therapy	
6. "Anticonvulsants"[Mesh] OR "Anticonvulsants" [Pharmacological Action]	142661
7. ((anticonvulsants[tiab] OR anticonvulsives[tiab] OR antiepileptics[tiab] OR anti convulsants[tiab] OR anti convulsives[tiab] OR anti epileptics[tiab])) OR ((anticonvulsive[tiab] OR anticonvulsant[tiab] OR antiepileptic[tiab] OR anti convulsive*[tiab] OR anti convulsant[tiab] OR anti epileptic[tiab]) AND (drug*[tiab] OR treatment[tiab] OR therapy[tiab] OR agent*[tiab] OR medication[tiab]))	39301
Intervention: Drug therapy	
8. "Benzodiazepines"[Mesh] OR "eslicarbazepine acetate" [Supplementary Concept] OR "Immunoglobulins/therapeutic use"[Mesh] OR "Immunomodulation"[Mesh] OR "S-2-O-carbamoyl-1-o-chlorophenyl-ethanol" [Supplementary Concept] OR "Pyridoxine"[Mesh] OR "Cosyntropin"[Mesh] OR "perampanel" [Supplementary Concept] OR "rufinamide" [Supplementary Concept] OR "Propofol"[Mesh]	466096
9. (carbamazepine[tiab] OR tegretol[tiab] OR carbazepin[tiab] OR epitol[tiab] OR finlepsin[tiab] OR neurotol[tiab] OR amizepine[tiab] OR hydantol[tiab] OR antisacer[tiab] OR dilantin[tiab] OR phenytoin[tiab] OR epanutin[tiab] OR diphenylhydantoin[tiab] OR fenitoin[tiab] OR difenin[tiab] OR dihydantol[tiab] OR sodium diphenylhydantoinate[tiab] OR epamin[tiab] OR dipropyl acetate[tiab] OR valproate[tiab] OR valproic acid[tiab] OR ergenyl[tiab] OR convulsofin[tiab] OR depakene[tiab] OR depakine[tiab] OR depakote[tiab] OR vupral[tiab] OR 2-propylpentanoic acid[tiab] OR 2 propylpentanoic acid[tiab] OR propylisopropylacetic acid[tiab] OR divalproex[tiab] OR phenobarbitone[tiab] OR phenobarbital[tiab] OR phenylethylbarbituric acid[tiab] OR phenemal[tiab] OR phenylbarbital[tiab] OR hysteps[tiab] OR luminal[tiab] OR gardenal[tiab] OR timox[tiab] OR oxcarbazepine[tiab] OR trileptal[tiab] OR crisomet[tiab] OR lamictal[tiab] OR lamiktal[tiab] OR labileno[tiab] OR convalis[tiab] OR gabapentin[tiab] OR gabapentine[tiab] OR neurontin[tiab] OR topamax[tiab] OR topiramate[tiab] OR epitomax[tiab] OR levetiracetam[tiab] OR etiracetam[tiab] OR keppra[tiab] OR zonegran[tiab] OR zonisamide[tiab] OR felbamate[tiab] OR felbamyl[tiab] OR felbatol[tiab] OR taloxa[tiab] OR midazolam[tiab] OR lorazepam[tiab] OR clonazepam[tiab] OR diazepam[tiab] OR clobazam[tiab] OR cerebyx[tiab] OR prodilantin[tiab] OR fosphenytoin[tiab] OR Sultiam[tiab] OR ospolot[tiab] OR Pregabalin[tiab] OR Lyrica[tiab] OR Vigabatrin[tiab] OR sabril[tiab] OR sabrilix[tiab] OR Lacosamide[tiab] OR vimpat[tiab] OR ethosuximide[tiab] OR emeside[tiab] OR suxilep[tiab] OR suksilep[tiab] OR petnidan[tiab] OR pyknolepsinum[tiab] OR zarontin[tiab] OR ethosuccimid[tiab] OR ethylmethylsuccinimide[tiab] OR ethymal[tiab] OR eslicarbazepine acetate[tiab] OR aptiom[tiab] OR zebinix[tiab] OR stiripentol[tiab] OR immunoglobulin*[tiab] OR immunomodulatory[tiab] OR immunomodulation*[tiab] OR remacemide[tiab] OR ryridoxine[tiab] OR pyridoxine[tiab] OR pyridoxol[tiab] OR rodex[tiab] OR cortrosyn[tiab] OR cortrosyn[tiab] OR ACTH[tiab] OR tetracosactide[tiab] OR tetracosactrin[tiab] OR tetracosapeptide[tiab] OR rufinamide[tiab] OR etigabine[tiab] OR perampanel[tiab] OR thiopentone[tiab] OR thiopentobarbital[tiab] OR penthiobarbital[tiab] OR thiomebumal[tiab] OR nesdonal[tiab] OR pentothal[tiab] OR sodipental[tiab] OR tiobarbital[tiab] OR trapanal[tiab] OR bomathal[tiab] OR thionembutal[tiab] OR	375100

	disoprofol[tiab] OR 2,6 diisopropylphenol[tiab] OR diprivan[tiab] OR propofol[tiab] OR disoprivan[tiab] OR fresofol[tiab] OR ivofol[tiab] OR recofol[tiab] OR aquafof[tiab])	
10.	4 OR 5 OR 6 OR 7 OR 8 OR 9	2006564
Combined sets		
11.	3 AND 10	66831
Study types: randomised controlled trials (filter: baserat på PubMed Clinical Queries specific/narrow)		
12.	(randomized controlled trial[Publication Type] OR ((randomized[Title/Abstract] OR randomised[Title/Abstract]) AND controlled[Title/Abstract] AND trial[Title/Abstract]))	454390
Limits: Language		
13.	Filters activated: Danish, English, Norwegian, Swedish	
14.	11 AND 12 AND 13	1957

The search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees	2611
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or infantile next spasm*:ti,ab,kw	8572
3.	1 OR 2	8584
Intervention: Electric stimulation therapy		
4.	MeSH descriptor: [Deep Brain Stimulation] explode all trees	271
5.	MeSH descriptor: [Transcranial Direct Current Stimulation] explode all trees	266
6.	MeSH descriptor: [Vagus Nerve Stimulation] explode all trees	65
7.	MeSH descriptor: [Transcutaneous Electric Nerve Stimulation] explode all trees	1622
8.	MeSH descriptor: [Transcranial Magnetic Stimulation] explode all trees	1202
9.	stimul*:ti or electrostimulat* or neurostimulat* or neuromodulat*:ti,ab,kw or (stimul*) near/4 (nerve or brain or vagus or vagal or trigeminus or trigeminal or transcranial or electric* or magnetic or responsive):ti,ab,kw	24165
10.	4 OR 5 OR 6 OR 7 OR 8 OR 9	24165
Combined sets		
11.	3 AND 10	Central/ 473

The search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author

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 this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

:ab = abstract

:kw = keyword

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, "trials"

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, "other reviews"

EED = Economic Evaluations

HTA = Health Technology Assessments

Embase via Elsevier 15 November 2017
Title: Epilepsy - Electric stimulation therapy

Search terms	Items found
Population: Epilepsy	
1. 'epilepsy'/exp/mj	142,338
2. epileptic*:ab,ti OR epileps*:ab,ti OR seizure:ab,ti OR seizures:ab,ti OR convulsion*:ab,ti OR convulsive:ab,ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	257,781
3. 1 OR 2	277,874
Intervention: Electric stimulation therapy	
4. 'nerve stimulation'/de OR 'brain depth stimulation'/exp OR 'transcranial magnetic stimulation'/exp OR 'transcranial electrical stimulation'/exp OR 'transcranial direct current stimulation'/exp OR 'transcutaneous nerve stimulation'/exp OR 'vagus nerve stimulation'/exp	97,417
5. stimul*:ti	298,132
6. electrostimulat*:ab,ti OR neurostimulat*:ab,ti OR neuromodulat*:ab,ti	24,460
7. (stimul* NEAR/4 (nerve OR brain OR vagus OR vagal OR trigeminus OR trigeminal OR transcranial OR electric* OR magnetic OR responsive)):ab,ti	156,580
8. 4 OR 5 OR 6 OR 7	437,596
Combined sets	
9. 3 AND 8	12,696
Study types: randomised controlled trials and other trials	
10. 'clinical trial'/exp OR 'randomized controlled trial'/de OR 'randomization'/de OR 'single blind procedure'/de OR 'double blind procedure'/de OR 'crossover procedure'/de OR 'placebo'/de OR 'prospective study'/de	1,565,078
11. (randomi?ed NEXT/1 controlled NEXT/1 trial*):ab,ti	139,571
12. (clinical NEAR/4 trial*):ab,ti	371,894
13. rct:ab,ti	21,237
14. 'random allocation':ab,ti OR 'randomly allocated':ab,ti OR placebo*:ab,ti OR sham*:ab,ti	357,661
15. (allocated NEAR/2 random):ab,ti	884
16. ((single OR double OR treble OR triple) NEXT/1 blind*):ab,ti	186,341
17. random*:ti	188,696
18. 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17	2,236,783
Limits: language, human studies	
19. [danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim	
20. 'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,333,793
21. (9 AND 18 AND 19) NOT 20	1,297

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ ” = Citation Marks; searches for an exact phrase “ ” = Citation Marks; searches for an exact phrase

PubMed via NLM 15 November 2017
Title: Epilepsy - Electric stimulation therapy

Search terms	Items found
Population: Epilepsy	
1. "Epilepsy"[Mesh]	146144
2. epileptic*[tiab] OR epileps*[tiab] OR seizure*[tiab] OR convulsion*[tiab] OR convulsive[tiab] OR tonic clonic[tiab] OR Lennox Gastaut[tiab] OR West syndrome[tiab] OR hysarrhythmia*[tiab] OR Landau Kleffner[tiab] OR Janz[tiab] OR Lafora[tiab] OR Dravet[tiab] OR MERRF[tiab] OR Unverricht Lundborg[tiab] OR baltic myoclonus[tiab] OR infantile spasm*[tiab]	184737
3. 1 OR 2	211355
Intervention: Electric stimulation therapy	
4. "Deep Brain Stimulation"[Mesh] OR "Transcranial Direct Current Stimulation"[Mesh] OR "Vagus Nerve Stimulation"[Mesh] OR "Transcutaneous Electric Nerve Stimulation"[Mesh] OR "Electric Stimulation Therapy"[Mesh:NoExp] OR "Transcranial Magnetic Stimulation"[MeSH]	42040
5. stimul*[ti]	253724
6. electrostimulat*[tiab] OR neurostimulat*[tiab] OR neuromodulat*[tiab]	18646
7. ((stimul*[tiab]) AND (nerve[tiab] or brain[tiab] or vagus[tiab] or vagal[tiab] or trigeminus[tiab] or trigeminal[tiab] or transcranial[tiab] or electric*[tiab] or magnetic[tiab] or responsive[tiab]))	267725
8. 4-7 (OR)	475093
Combined sets	
9. 3 AND 8	11222
Study types: randomised controlled trials and other trials (filter: PubMed clinical queries, therapy, broad) ¹	
10. ((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading])	4895472
Limits: language, publication type, human studies	
11. English; Danish; Norwegian; Swedish	
12. "Editorial" [Publication Type] OR "Comment" [Publication Type] OR "Letter" [Publication Type]	1583526
13. (("Animals"[Mesh]) NOT "Humans"[Mesh])	4392580
14. (9 AND 10 AND 11) NOT (12 OR 13)	1915

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* = Truncation

¹ Haynes RB, McKibbin KA, Wilczynski NL, Walter SD, Werre SR, Hedges Team. Optimal search strategies for retrieving scientifically strong studies of treatment from Medline: analytical survey. *BMJ* 2005;330(7501):1179.

**Cochrane Library via Wiley 20 November 2017 (CDSR, DARE, CENTRAL, HTA)
Title: Epilepsy – EEG with sleep deprivation**

Search terms		Items found
Population: Epilepsy		
1.	MeSH descriptor: [Epilepsy] explode all trees and with qualifier(s): [Diagnosis - DI]	310
2.	epileptic* or epileps* or seizure* or convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hypsarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" OR infantile* next spasm*:ti,ab,kw	8595
3.	1 OR 2	8595
Index test: Sleep-EEG		
4.	MeSH descriptor: [Sleep] this term only	3339
5.	MeSH descriptor: [Sleep Deprivation] explode all trees	550
6.	MeSH descriptor: [Wakefulness] explode all trees	899
7.	sleep near/2 depriv* or "sleep EEG" or sleep near/2 electroencephalogra* or sleep near/2 provocat*:ti,ab,kw (Word variations have been searched)	1486
8.	4-7 (OR)	4995
Combined sets		
9.	3 AND 8	CDSR/2 DARE/1 Central/ 81 HTA/0

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this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = title

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:kw = keyword

* = Truncation

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CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

DARE = Database Abstracts of Reviews of Effects, “other reviews”

HTA = Health Technology Assessments

Embase via Elsevier 20 November 2017
Title: Epilepsy – EEG with sleep deprivation

Search terms		Items found
Population: Epilepsy		
1.	'epilepsy'/exp/dm_di	24,184
2.	epileptic*:ti OR epileps*:ti OR seizure*:ti OR seizures:ti OR 'tonic clonic':ab,ti OR 'lennox gastaut':ab,ti OR 'west syndrome':ab,ti OR hypsarrhythmia*:ab,ti OR 'landau kleffner':ab,ti OR janz:ab,ti OR lafora:ab,ti OR dravet:ab,ti OR merrf:ab,ti OR 'unverricht lundborg':ab,ti OR 'baltic myoclonus':ab,ti OR 'infantile spasm*':ab,ti	136,013
3.	1 OR 2	143,743
Index test: Sleep-EEG		
4.	'sleep deprivation'/exp	13,505
5.	'rem sleep deprivation'/exp	897
6.	'sleep'/exp	201,475
7.	'wakefulness'/exp	26,309
8.	(sleep NEAR/2 depriv*):ab,ti OR 'sleep eeg':ab,ti OR (sleep NEAR/2 electroencephalogra*):ab,ti OR (sleep NEAR/2 provocat*):ab,ti	13,663
9.	4-8 (OR)	218,601
Limits: language, publication type, studies of diagnostic tests, human studies		
10.	([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
11.	'sensitivity and specificity'/exp OR 'diagnostic error'/exp OR 'diagnostic accuracy'/exp OR 'diagnostic test accuracy study'/exp	518,993
12.	diagnosing:ab,ti OR detect*:ab,ti OR accuracy*:ab,ti OR interreader:ab,ti OR diagnostic:ab,ti OR sensitivity:ab,ti OR specificity:ab,ti OR predictive:ab,ti OR ppv:ab,ti OR npv:ab,ti OR 'likelihood ratio*':ab,ti OR true:ab,ti OR false:ab,ti OR yield:ab,ti OR identify*:ab,ti OR identificat*:ab,ti	5,945,935
13.	11 OR 12	6,091,746
14.	([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim OR [note]/lim)	
15.	'animal'/exp OR 'animal experiment'/exp OR 'nonhuman'/exp NOT ('human'/exp OR 'human experiment'/exp)	6,337,114
Combined sets		
16.	(3 AND 9 AND 10 AND 13) NOT (14 OR 15)	937

The search result, usually found at the end of the documentation, forms the list of abstracts.

/de= Term from the EMTREE controlled vocabulary
/exp= Includes terms found below this term in the EMTREE hierarchy
/mj = Major Topic
:ab = Abstract
:au = Author
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
“ “ = Citation Marks; searches for an exact phrase

Medline via OvidSP 20 November 2017
Title: Epilepsy – EEG with sleep deprivation

Search terms		Items found
Population: Epilepsy		
1.	exp Epilepsy/di [Diagnosis]	25742
2.	(epileptic* or epileps* or seizure*).ti. or (convulsion* or convulsive or "tonic clonic" or "Lennox Gastaut" or "West syndrome" or hysarrhythmia* or "Landau Kleffner" or Janz or Lafora or Dravet or MERRF or "Unverricht Lundborg" or "baltic myoclonus" or "infantile spasm*").ab,ti.	121257
3.	1 OR 2	127891
Index test: Sleep-EEG		
4.	exp Sleep Deprivation/	9108
5.	Sleep/	48609
6.	exp Wakefulness/	17220
7.	("sleep depriv*" or "sleep EEG" or "sleep electroencephalogra*" or "sleep provocat*").ab,kf,ti.	9573
8.	4 -7 (OR)	66793
Limits: language, studies of diagnostic tests		
9.	danish or english or norwegian or swedish	
10.	exp False Negative Reactions/	18313
11.	exp False Positive Reactions/	28295
12.	exp "Sensitivity and Specificity"/	559249
13.	(diagnosing or diagnostic or detect* or accuracy* or interreader or diagnostic or sensitivity or specificity or predictive or PPV or NPV or "likelihood ratio*" or true or false or yield or identify* or identificat*).ab,ti.	5121601
14.	10 -13 (OR)	5313890
Combined sets		
15.	3 AND 8 AND 9 AND 14	434

The search result, usually found at the end of the documentation, forms the list of abstracts.

.ab. =Abstract

.ab,ti. = Abstract or title

.af.= All fields

Exp= Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

.sh.= Term from the Medline controlled vocabulary

.ti. = Title

/ = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy

* = Focus (if found in front of a MeSH-term)

* or \$= Truncation (if found at the end of a free text term)

.mp=text, heading word, subject area node, title