

Appendix e-3: Complete search strategy***Medline***

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Database: Ovid MEDLINE(R) <1950 to May Week 4 2009> Search Strategy:

-
- 1 (initial adj4 seizure\$).mp. (600)
 - 2 (first adj4 seizure*).mp. (1892)
 - 3 (new adj4 onset adj4 seizure\$).mp. (313)
 - 4 (de novo adj4 seizure\$).mp. (19)
 - 5 (newly adj4 diagnosed adj4 seizure\$).mp. (101)
 - 6 (primary adj2 seizure\$).mp. (171)
 - 7 (first adj2 onset adj2 seizure\$).mp. (17)
 - 8 (first adj2 episode adj2 seizure\$).mp. (18)
 - 9 (early adj2 seizure\$).mp. (633)
 - 10 or/1-8,9 (3467)
 - 11 exp Anticonvulsants/ (102910)
 - 12 (antiepileptic\$ or anticonvulsant\$).mp. (42295)
 - 13 (acetazolamide or bromides or carbamazepine or chlormethiazole or clonazepam or chlorazepate dipotassium).mp. (25823)
 - 14 (diazepam or dimethadione or estazolam or ethosuximide or flunarizine or lorazepam).mp. (26649)
 - 15 (magnesium sulfate or medazepam or mephentoin or mephobarbital).mp. (5775)
 - 16 (thiopental or tiletamine or trimethadione or valproic acid or vigabatrin).mp. (18693)
 - 17 (dt or tu or th).fs. (2661836)
 - 18 drug therapy/ or exp drug therapy, combination/ or medication errors/ or polypharmacy/ (234231)
 - 19 (drug therap\$ or medication\$ or drug treatment\$ or drug intervention\$).mp. (306878)
 - 20 or/11-19 (2832378)
 - 21 and/10,20 (1559)
 - 22 limit 21 to (english language and humans and yr="1966 -Current" and ("adult (19 to 44 years)" or "middle age (45 to 64 years)" or "all aged (65 and over)" or "aged (80 and over)")) (577)
 - 23 limit 22 to (comment or congresses or editorial or guideline or letter or meta analysis or practice guideline or "review") (88)
 - 24 22 not 23 (489)

25 from 24 keep 1-489 (489)

Database: Ovid MEDLINE(R) <1950 to May Week 5 2009> Search Strategy:

- 1 (initial adj4 seizure\$).mp. (612)
- 2 (first adj4 seizure*).mp. (1927)
- 3 (new adj4 onset adj4 seizure\$).mp. (313)
- 4 (de novo adj4 seizure\$).mp. (19)
- 5 (newly adj4 diagnosed adj4 seizure\$).mp. (102)
- 6 (primary adj2 seizure\$).mp. (172)
- 7 (first adj2 onset adj2 seizure\$).mp. (17)
- 8 (first adj2 episode adj2 seizure\$).mp. (19)
- 9 (early adj2 seizure\$).mp. (640)
- 10 or/1-9 (3520)
- 11 Patient Satisfaction/ (40103)
- 12 Consumer Satisfaction/ (14939)
- 13 limit 12 to yr="1966 - 1991" (7643)
- 14 (patient adj2 prefer\$).mp. (3259)
- 15 Patient Education as Topic/ (55369)
- 16 counseling/ or directive counseling/ (22876)
- 17 (patient adj2 educat\$).mp. (62267)
- 18 counsel\$.mp. (64572)
- 19 Automobile Driving/ (10106)
- 20 Safety/ (26917)
- 21 or/11,13-20 (203663)
- 22 and/10,21 (71)
- 23 limit 22 to (english language and humans and yr="1966 -Current" and ("adult (19 to 44 years)" or "middle age (45 to 64 years)" or "all aged (65 and over)" or "aged (80 and over)")) (23)
- 24 limit 23 to (comment or congresses or consensus development conference or consensus development conference, nih or editorial or guideline or letter or meta analysis or practice guideline or "review") (4)
- 25 23 not 24 (19)
- 26 (initial adj4 seizure\$).mp. (612)
- 27 (first adj4 seizure*).mp. (1927)
- 28 (new adj4 onset adj4 seizure\$).mp. (313)
- 29 (de novo adj4 seizure\$).mp. (19)
- 30 (newly adj4 diagnosed adj4 seizure\$).mp. (102)
- 31 (primary adj2 seizure\$).mp. (172)
- 32 (first adj2 onset adj2 seizure\$).mp. (17)
- 33 (first adj2 episode adj2 seizure\$).mp. (19)
- 34 (early adj2 seizure\$).mp. (640)
- 35 or/26-34 (3520)
- 36 exp Anticonvulsants/ (103548)
- 37 (antiepileptic\$ or anticonvulsant\$).mp. (42866)
- 38 (acetazolamide or bromides or carbamazepine or chlormethiazole or clonazepam or chlorazepate dipotassium).mp. (26005)

- 39 (diazepam or dimethadione or estazolam or ethosuximide or flunarizine or lorazepam).mp. (26729)
- 40 (magnesium sulfate or medazepam or mephentyoin or mephobarbital).mp. (5801)
- 41 (thiopental or tiletamine or trimethadione or valproic acid or vigabatrin).mp. (18811)
- 42 (dt or tu or th).fs. (2674412)
- 43 drug therapy/ or exp drug therapy, combination/ or medication errors/ or polypharmacy/ (235351)
- 44 (drug therap\$ or medication\$ or drug treatment\$ or drug intervention\$).mp. (308253)
- 45 or/36-44 (2845497)
- 46 and/35,45 (1586)
- 47 limit 46 to (english language and humans and yr="1966 -Current" and ("adult (19 to 44 years)" or "middle age (45 to 64 years)" or "all aged (65 and over)" or "aged (80 and over)")) (578)
- 48 limit 47 to (comment or congresses or editorial or guideline or letter or meta analysis or practice guideline or "review") (88)
- 49 47 not 48 (490)
- 50 25 not 49 (13)
- 51 find similar to Epilepsy and driving: a survey of automobile accidents attributed to seizure. (69)
- 52 from 51 keep 1,4-6,9-12,15,18,21,28-31,33,35,41-42,46,48-49,52,54,56,60-63,65,67 (31)
- 53 find similar to Should patients with psychogenic nonepileptic seizures be allowed to drive?. (91)
- 54 from 53 keep 2,4,8,13-14,20,23,59,65,67,71,76,79,83,85 (15)
- 55 or/50,52,54 (52)

Database: Ovid MEDLINE(R) <1950 to May Week 5 2009> Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (612)
 - 2 (first adj4 seizure*).mp. (1927)
 - 3 (new adj4 onset adj4 seizure\$.mp. (313)
 - 4 (de novo adj4 seizure\$.mp. (19)
 - 5 (newly adj4 diagnosed adj4 seizure\$.mp. (102)
 - 6 (primary adj2 seizure\$.mp. (172)
 - 7 (first adj2 onset adj2 seizure\$.mp. (17)
 - 8 (first adj2 episode adj2 seizure\$.mp. (19)
 - 9 (early adj2 seizure\$.mp. (640)
 - 10 or/1-9 (3520)
 - 11 prognosis/ or disease-free survival/ or medical futility/ or nomograms/ or exp treatment outcome/ (653808)
 - 12 risk factors/ (382133)
 - 13 Risk Assessment/ (103564)
 - 14 risk/ (79638)
 - 15 limit 14 to yr="1975 - 1987" (46802)
 - 16 risk reduction behavior/ (2880)
 - 17 health behavior/ (20610)
 - 18 limit 17 to yr="1995 - 2002" (6436)
 - 19 (prognos\$ or risk\$.mp. (1350249)
 - 20 or/11-13,15-16,18-19 (1655902)
 - 21 Recurrence/ (128392)
 - 22 recurr\$.mp. (362779)
 - 23 or/21-22 (362779)
 - 24 and/10,20,23 (381)
 - 25 and/10-11 (626)
 - 26 10 and (12 or 13 or 15 or 16 or 18 or 19) (1049)
 - 27 and/10,23 (636)
 - 28 or/24-27 (1513)
 - 29 limit 28 to (english language and yr="1966 -Current" and ("adult (19 to 44 years)" or "middle age (45 to 64 years)" or "all aged (65 and over)" or "aged (80 and over)")) (616)
 - 30 limit 29 to (comment or congresses or consensus development conference or consensus development conference, nih or editorial or guideline or letter or meta analysis or practice guideline or "review") (72)
 - 31 29 not 30 (544)
 - 32 (initial adj4 seizure\$.mp. (612)
 - 33 (first adj4 seizure*).mp. (1927)
 - 34 (new adj4 onset adj4 seizure\$.mp. (313)
 - 35 (de novo adj4 seizure\$.mp. (19)
 - 36 (newly adj4 diagnosed adj4 seizure\$.mp. (102)
 - 37 (primary adj2 seizure\$.mp. (172)
 - 38 (first adj2 onset adj2 seizure\$.mp. (17)
 - 39 (first adj2 episode adj2 seizure\$.mp. (19)

- 40 (early adj2 seizure\$.mp. (640)
- 41 or/32-40 (3520)
- 42 exp Anticonvulsants/ (103548)
- 43 (antiepileptic\$ or anticonvulsant\$.mp. (42866)
- 44 (acetazolamide or bromides or carbamazepine or chlormethiazole or clonazepam or chlorazepate dipotassium).mp. (26005)
- 45 (diazepam or dimethadione or estazolam or ethosuximide or flunarizine or lorazepam).mp. (26729)
- 46 (magnesium sulfate or medazepam or mephenytoin or mephobarbital).mp. (5801)
- 47 (thiopental or tiletamine or trimethadione or valproic acid or vigabatrin).mp. (18811)
- 48 (dt or tu or th).fs. (2674412)
- 49 drug therapy/ or exp drug therapy, combination/ or medication errors/ or polypharmacy/ (235351)
- 50 (drug therap\$ or medication\$ or drug treatment\$ or drug intervention\$.mp. (308253)
- 51 or/42-50 (2845497)
- 52 and/41,51 (1586)
- 53 limit 52 to (english language and humans and yr="1966 -Current" and ("adult (19 to 44 years)" or "middle age (45 to 64 years)" or "all aged (65 and over)" or "aged (80 and over)")) (578)
- 54 limit 53 to (comment or congresses or editorial or guideline or letter or meta analysis or practice guideline or "review") (88)
- 55 53 not 54 (490)
- 56 31 not 55 (273)

Ovid MEDLINE(R) 1946 to February Week 4 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	5267	Advanced
2	(first adj4 seizure?).mp.	2315	Advanced
3	((new or newly) adj4 seizure?).mp.	924	Advanced
4	(initial adj4 seizure?).mp.	731	Advanced
5	(early adj4 seizure?).mp.	1509	Advanced
6	(primar* adj4 seizure?).mp.	649	Advanced
7	(de novo adj4 seizure?).mp.	31	Advanced
8	or/1-7	9585	Advanced
9	Prognosis/	331904	Advanced
10	exp treatment outcome/	577445	Advanced
11	disease-free survival/	36933	Advanced
12	Medical Futility/	2191	Advanced
13	nomograms/	1070	Advanced
14	risk factors/	508667	Advanced
15	Risk Assessment/	157019	Advanced
16	risk reduction behavior/	6047	Advanced
17	Recurrence/	150145	Advanced
18	prognos*.mp.	495853	Advanced
19	risk*.mp.	1384361	Advanced
20	recurr*.mp.	439867	Advanced
21	or/9-20	2462248	Advanced
22	8 and 21	3527	Advanced
23	limit 22 to yr="2009 -Current"	889	Advanced
24	(2009* or 2010* or 2011* or 2012* or 2013*).em.	3165213	Advanced
25	22 and 24	939	Advanced
26	23 or 25	939	Advanced
27	limit 26 to ("all infant (birth to 23 months)" or "all child (0 to 18 years)" or "newborn infant (birth to 1 month)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)" or "adolescent (13 to 18 years)")	517	Advanced

limit 26 to ("all adult (19 plus years)" or "young adult (19 to 24 years)" or "adult (19 to 44 years)" or "young adult and		
28 adult (19-24 and 19-44)" or "middle age (45 to 64 years)" or "middle aged (45 plus years)" or "all aged (65 and over)" or "aged (80 and over)")	457	Advanced
29 27 not 28	276	Advanced
30 26 not 29	663	Advanced
31 limit 30 to english language	622	Advanced

Ovid MEDLINE(R) 1946 to February Week 4 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	5267	Advanced
2	(first adj4 seizure?).mp.	2315	Advanced
3	((new or newly) adj4 seizure?).mp.	924	Advanced
4	(initial adj4 seizure?).mp.	731	Advanced
5	(early adj4 seizure?).mp.	1509	Advanced
6	(primar* adj4 seizure?).mp.	649	Advanced
7	(de novo adj4 seizure?).mp.	31	Advanced
8	or/1-7	9585	Advanced
9	exp Anticonvulsants/	113575	Advanced
10	Acetazolamide/	5648	Advanced
11	Bromides/	4454	Advanced
12	Carbamazepine/	9146	Advanced
13	Chlormethiazole/	752	Advanced
14	Clonazepam/	2218	Advanced
15	Clorazepate Dipotassium/	313	Advanced
16	Diazepam/	16601	Advanced
17	Dimethadione/	219	Advanced
18	Estazolam/	85	Advanced
19	Ethosuximide/	846	Advanced
20	Flunarizine/	1126	Advanced
21	Lorazepam/	2487	Advanced
22	Magnesium Sulfate/	4135	Advanced
23	Medazepam/	113	Advanced
24	Mephenytoin/	435	Advanced
25	Mephobarbital/	140	Advanced
26	Thiopental/	5873	Advanced
27	Tiletamine/	250	Advanced
28	Trimethadione/	409	Advanced
29	Valproic Acid/	9576	Advanced

30	Vigabatrin/	1419	Advanced
31	Drug Therapy/	33137	Advanced
32	exp Drug Therapy, Combination/	241609	Advanced
33	exp Medication Errors/	10044	Advanced
34	polypharmacy/	2019	Advanced
35	antiepileptic*.mp.	14580	Advanced
36	anti-epileptic*.mp.	1988	Advanced
37	anticonvuls*.mp.	46756	Advanced
38	anti-convuls*.mp.	656	Advanced
39	acetazolamide.mp.	7103	Advanced
40	bromides.mp.	5315	Advanced
41	carbamazepine.mp.	12980	Advanced
42	chlormethiazole.mp.	817	Advanced
43	clonazepam.mp.	3477	Advanced
44	clorazepate dipotassium.mp.	331	Advanced
45	diazepam.mp.	22637	Advanced
46	dimethadione.mp.	261	Advanced
47	estazolam.mp.	144	Advanced
48	ethosuximide.mp.	1340	Advanced
49	flunarizine.mp.	1604	Advanced
50	lorazepam.mp.	3551	Advanced
51	magnesium sulfate.mp.	4859	Advanced
52	medazepam.mp.	241	Advanced
53	mephenytoin.mp.	1410	Advanced
54	mephobarbital.mp.	178	Advanced
55	thiopental.mp.	7693	Advanced
56	tiletamine.mp.	315	Advanced
57	trimethadione.mp.	541	Advanced
58	valproic acid.mp.	11075	Advanced
59	vigabatrin.mp.	1839	Advanced
60	(drug adj2 (therap* or treatment? or interven*)).mp.	226783	Advanced
61	medication*.mp.	182615	Advanced

62	(dt or tu or th).fs.	3184493	Advanced
63	or/9-62	3392609	Advanced
64	8 and 63	4019	Advanced
65	exp animals/ not (exp animals/ and exp human/)	3778609	Advanced
66	64 not 65	3403	Advanced
67	limit 66 to ("all infant (birth to 23 months)" or "all child (0 to 18 years)" or "newborn infant (birth to 1 month)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)" or "adolescent (13 to 18 years)")	1938	Advanced
68	limit 66 to ("all adult (19 plus years)" or "young adult (19 to 24 years)" or "adult (19 to 44 years)" or "young adult and adult (19-24 and 19-44)" or "middle age (45 to 64 years)" or "middle aged (45 plus years)" or "all aged (65 and over)" or "aged (80 and over)")	1624	Advanced
69	67 not 68	1104	Advanced
70	66 not 69	2299	Advanced
71	limit 70 to english language	2051	Advanced
72	limit 71 to yr="2009 -Current"	549	Advanced
73	(2009* or 2010* or 2011* or 2012* or 2013*).em.	3165213	Advanced
74	71 and 73	588	Advanced
75	72 or 74	588	Advanced

Ovid MEDLINE(R) 1946 to February Week 1 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	5227	Advanced
2	(first adj4 seizure?).mp.	2307	Advanced
3	((new or newly) adj4 seizure?).mp.	921	Advanced
4	(initial adj4 seizure?).mp.	728	Advanced
5	(early adj4 seizure?).mp.	1494	Advanced
6	(primar* adj4 seizure?).mp.	645	Advanced
7	(de novo adj4 seizure?).mp.	31	Advanced
8	or/1-7	9525	Advanced
9	exp Patient Satisfaction/	54825	Advanced
10	Safety/	31337	Advanced
11	Patient Safety/	2095	Advanced
12	Automobile Driving/	12497	Advanced
13	Accidents, Traffic/	32654	Advanced
14	(traffic adj2 safe*).mp.	1040	Advanced
15	driving*.mp.	41346	Advanced
16	Patient Education as Topic/	66159	Advanced
17	Education/	17667	Advanced
18	(patient? adj2 educat*).mp.	77928	Advanced
19	Counseling/	26106	Advanced
20	Directive Counseling/	992	Advanced
21	or/9-20	267958	Advanced
22	8 and 21	120	Advanced
23	(seizure? adj10 driving*).mp.	115	Advanced
24	22 or 23	214	Advanced
25	limit 24 to yr="2009 -Current"	52	Advanced
26	(2009* or 2010* or 2011* or 2012* or 2013*).em.	3081936	Advanced
27	24 and 26	57	Advanced
28	25 or 27	57	Advanced

Medline_first_seizure_antiepileptics

13

10/03/2014

29 limit 28 to english language

49

Advanced

Ovid MEDLINE(R) 1946 to March Week 1 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	5282	Advanced
2	(first adj4 seizure?).mp.	2318	Advanced
3	((new or newly) adj4 seizure?).mp.	925	Advanced
4	(initial adj4 seizure?).mp.	731	Advanced
5	(early adj4 seizure?).mp.	1511	Advanced
6	(primar* adj4 seizure?).mp.	652	Advanced
7	(de novo adj4 seizure?).mp.	31	Advanced
8	or/1-7	9604	Advanced
9	exp Anticonvulsants/	113681	Advanced
10	Drug Therapy/	33145	Advanced
11	exp Drug Therapy, Combination/	241862	Advanced
12	exp Medication Errors/	10057	Advanced
13	polypharmacy/	2020	Advanced
14	pharmaceutical care/	3938	Advanced
15	antiepileptic*.mp.	14626	Advanced
16	anti-epileptic*.mp.	1989	Advanced
17	anticonvuls*.mp.	46842	Advanced
18	anti-convuls*.mp.	656	Advanced
19	antiepilepsirine*.mp.	12	Advanced
20	1 methyl 1,2 diphenylethylamine.mp.	6	Advanced
21	2 isopropylvaleramide.mp.	0	Advanced
22	2 propyl 2 pentenoic acid.mp.	65	Advanced
23	2 propyl 4 pentenoic acid.mp.	54	Advanced
24	4 valproylaminobutyric acid.mp.	0	Advanced
25	5 benzylidenehydantoin.mp.	2	Advanced
26	10, 11 dihydro 10,11 dihydroxycarbamazepine.mp.	10	Advanced
27	carbamazepine 10,11 oxide.mp.	5	Advanced

28	SC 1001A.mp.	7	Advanced
29	abecarnil.mp.	124	Advanced
30	acetazolamide.mp.	7105	Advanced
31	albutoin.mp.	4	Advanced
32	allomethadione.mp.	0	Advanced
33	ameltolide.mp.	21	Advanced
34	ascorbate magnesium.mp.	1	Advanced
35	barbexaclone.mp.	19	Advanced
36	beclamide.mp.	19	Advanced
37	benzobarbital.mp.	60	Advanced
38	brivaracetam.mp.	47	Advanced
39	bromides.mp.	5319	Advanced
40	brosuximide.mp.	0	Advanced
41	calcium bromide.mp.	23	Advanced
42	carabersat.mp.	6	Advanced
43	caramiphen.mp.	65	Advanced
44	carbamazepine.mp.	12995	Advanced
45	cinromide.mp.	20	Advanced
46	cyheptamide.mp.	16	Advanced
47	chlormethiazole.mp.	817	Advanced
48	clonazepam.mp.	3477	Advanced
49	clorazepate dipotassium.mp.	331	Advanced
50	denzimol.mp.	26	Advanced
51	dextromethorphan.mp.	2093	Advanced
52	dezinamide.mp.	2	Advanced
53	diazepam.mp.	22645	Advanced
54	doxenitoin.mp.	0	Advanced
55	dimethadione.mp.	261	Advanced
56	endixaprine.mp.	0	Advanced
57	estazolam.mp.	144	Advanced
58	etazepine.mp.	1	Advanced
59	eterobarb.mp.	12	Advanced

60	ethotoin.mp.	33	Advanced
61	ethosuximide.mp.	1342	Advanced
62	etriacetam.mp.	0	Advanced
63	fali lepsin.mp.	3	Advanced
64	felbamate.mp.	636	Advanced
65	fluoresone.mp.	4	Advanced
66	flunarizine.mp.	1604	Advanced
67	fluzinamide.mp.	5	Advanced
68	fosphenytoin sodium.mp.	8	Advanced
69	gabapentin.mp.	3815	Advanced
70	ganaxolone.mp.	62	Advanced
71	harkoseride.mp.	8	Advanced
72	imidazenil.mp.	52	Advanced
73	ladoxapriline.mp.	0	Advanced
74	lamotrigine.mp.	3580	Advanced
75	lanicemine.mp.	1	Advanced
76	licarbazepine.mp.	32	Advanced
77	lorazepam.mp.	3555	Advanced
78	loreclezole.mp.	109	Advanced
79	losigamone.mp.	41	Advanced
80	magnesium sulfate.mp.	4867	Advanced
81	medazepam.mp.	241	Advanced
82	mephenytoin.mp.	1412	Advanced
83	meph?barbital.mp.	178	Advanced
84	metharbital.mp.	19	Advanced
85	methylphenobarbital.mp.	49	Advanced
86	mesuximide.mp.	9	Advanced
87	milacemide.mp.	83	Advanced
88	nafimidone.mp.	22	Advanced
89	nitrazepam.mp.	1165	Advanced
90	normephenytoin.mp.	2	Advanced
91	normesuximide.mp.	0	Advanced

92	oxcarbazepine.mp.	1230	Advanced
93	paramethadione.mp.	18	Advanced
94	pazinaclone.mp.	22	Advanced
95	pentoxyverine.mp.	12	Advanced
96	phenacemide.mp.	42	Advanced
97	pheneturide.mp.	28	Advanced
98	phenobarbital.mp.	22788	Advanced
99	phensuximide.mp.	39	Advanced
100	phenytoin.mp.	15668	Advanced
101	potassium bromide.mp.	397	Advanced
102	pregabalin.mp.	1261	Advanced
103	primidone.mp.	1604	Advanced
104	progabide.mp.	231	Advanced
105	ralitoline.mp.	12	Advanced
106	remacemide.mp.	127	Advanced
107	retigabine.mp.	207	Advanced
108	riluzole.mp.	988	Advanced
109	ropizine.mp.	12	Advanced
110	rufinamide.mp.	107	Advanced
111	safinamide.mp.	52	Advanced
112	seletracetam.mp.	14	Advanced
113	sodium bromide.mp.	392	Advanced
114	stiripentol.mp.	114	Advanced
115	sultiame.mp.	4	Advanced
116	shosaikoto go keishikashakuyakuto.mp.	0	Advanced
117	saiko keishi to.mp.	149	Advanced
118	talampanel.mp.	45	Advanced
119	taltrimide.mp.	14	Advanced
120	tiagabine.mp.	790	Advanced
121	topiramate.mp.	2874	Advanced
122	thiopental.mp.	7695	Advanced
123	tiletamine.mp.	315	Advanced

124	trimethadione.mp.	541	Advanced
125	valproic acid.mp.	11094	Advanced
126	valproic acid derivative.mp.	1	Advanced
127	valproate magnesium.mp.	6	Advanced
128	valproate semisodium.mp.	25	Advanced
129	valpromide.mp.	102	Advanced
130	valroceamide.mp.	14	Advanced
131	vigabatrin.mp.	1842	Advanced
132	zalepion.mp.	0	Advanced
133	zonisamide.mp.	842	Advanced
134	(drug adj2 (therap* or treatment? or interven*)).mp.	226932	Advanced
135	medication*.mp.	182845	Advanced
136	(dt or tu or th).fs.	3187397	Advanced
137	or/9-136	3404830	Advanced
138	8 and 137	4064	Advanced
139	exp animals/ not (exp animals/ and exp human/)	3780787	Advanced
140	138 not 139	3440	Advanced
141	limit 140 to ("all infant (birth to 23 months)" or "all child (0 to 18 years)" or "newborn infant (birth to 1 month)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)" or "adolescent (13 to 18 years)")	1959	Advanced
142	limit 140 to ("all adult (19 plus years)" or "young adult (19 to 24 years)" or "adult (19 to 44 years)" or "young adult and adult (19-24 and 19-44)" or "middle age (45 to 64 years)" or "middle aged (45 plus years)" or "all aged (65 and over)" or "aged (80 and over)")	1641	Advanced
143	141 not 142	1120	Advanced
144	140 not 143	2320	Advanced
145	limit 144 to english language	2071	Advanced
146	limit 145 to yr="2009 -Current"	561	Advanced
147	(2009* or 2010* or 2011* or 2012* or 2013*).em.	3179739	Advanced
148	145 and 147	600	Advanced
149	146 or 148	600	Advanced

EMBASE

Database: EMBASE Classic <1947 to 1979>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (93)
 - 2 (first adj2 seizure\$.mp. (154)
 - 3 (primary adj2 seizure\$.mp. (26)
 - 4 (first adj2 onset adj2 seizure\$.mp. (1)
 - 5 (early adj2 seizure\$.mp. (56)
 - 6 exp Anticonvulsive Agent/ (35053)
 - 7 (abecarnil or acetazolamide or albutoin or allomethadione or ameltolide).mp. (3096)
 - 8 (antiepilepsirine or ascorbate magnesium or barbexaclone or beclamide or benzobarbital).mp. (131)
 - 9 (brivaracetam or broximumide or calcium bromide or carabersat or caramiphen).mp. (263)
 - 10 (carbamazepine or cinromide or clomethiazole or clonazepam or cyheptamide).mp. (3347)
 - 11 carbamazepine 10,11 oxide.mp. (35)
 - 12 (denzimol or dextromethorphan or dezinamide or diazepam or dimethadione or doxenitoin).mp. (10366)
 - 13 10, 11 dihydro 10,11 dihydroxycarbamazepine.mp. (3)
 - 14 (endixaprine or etazepine or eterobarb or ethosuximide or ethotoin or etriacetam).mp. (1043)
 - 15 (fali lepsin or felbamate or fluoresone or fluzinamide or fosphenytoin sodium or gabapentin).mp. (24)
 - 16 (ganaxolone or harkoseride or imidazenil or ladoxaprine or lamotrigine or lanicemine).mp. (1)
 - 17 2 isopropylvaleramide.mp. (11)
 - 18 (licarbazepine or loreclezole or losigamone or mephebarbital or mephenytoin or mesuximide).mp. (688)
 - 19 (metharbital or methylphenobarbital or milacemide or nafimidone or nitrazepam).mp. (2004)
 - 20 (normephenytoin or normesuximide or oxcarbazepine or paramethadione or pazinaclone).mp. (232)
 - 21 (pentoxyverine or phenacemide or pheneturide or phenobarbital or phensuximide or phenytoin or potassium bromide).mp. (18941)
 - 22 (pregabalin or primidone or progabide or ralitoline or remacemide or retigabine).mp. (1589)
 - 23 2 propyl 2 pentenoic acid.mp. (3)
 - 24 (riluzole or ropizine or rufinamide or safinamide or seletracetam or sodium bromide or stiripentol or sultiame).mp. (619)
 - 25 shosaikoto go keishikashakuyakuto.mp. (1)
 - 26 (talampanel or taltrimide or tigabine or topiramate or trimethadione or valproate calcium).mp. (884)

- 27 (valproate magnesium or valproate semisodium or valproic acid or valproic acid derivative or valpromide).mp. (1019)
- 28 (valroceamide or vigabatrin or zalepion or zonisamide).mp. (26)
- 29 drug therapy/ or anticonvulsant therapy/ or drug intermittent therapy/ or drug treatment failure/ or medication error/ or monotherapy/ or pharmaceutical care/ or polypharmacy/ or single drug dose/ or drug combination/ (102453)
- 30 (drug therapy or drug therapies or medication\$ or drug treatment\$ or drug intervention\$).mp. (101878)
- 31 (antiepileptic\$ or anticonvulsant\$ or anticonvulsive\$).mp. (6750)
- 32 or/1-5 (317)
- 33 or/6-31 (137832)
- 34 and/32-33 (92)
- 35 limit 34 to (human and english language and yr="1966 - 1980" and (adult <18 to 64 years> or aged <65+ years>)) (0)

Database: EMBASE Classic <1947 to 1979>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (93)
 - 2 (first adj2 seizure\$.mp. (154)
 - 3 (primary adj2 seizure\$.mp. (26)
 - 4 (first adj2 onset adj2 seizure\$.mp. (1)
 - 5 (early adj2 seizure\$.mp. (56)
 - 6 patient satisfaction/ (109)
 - 7 (patient adj2 prefer\$.mp. (114)
 - 8 (patient adj2 satisf\$.mp. (774)
 - 9 patient education/ (46)
 - 10 (patient adj2 educat\$.mp. (2557)
 - 11 counseling/ or anticipatory guidance/ or directive counseling/ or patient counseling/
or patient guidance/ (2226)
 - 12 counsel\$.mp. (6521)
 - 13 car driving/ or driving ability/ (1283)
 - 14 safety/ or traffic safety/ (7754)
 - 15 (driving or safety).mp. (16767)
 - 16 or/6-15 (26480)
 - 17 or/1-5 (317)
 - 18 and/16-17 (11)
 - 19 limit 18 to (human and english language and yr="1966 - 1979" and (conference
paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (0)

Database: EMBASE Classic <1947 to 1979>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (93)
 - 2 (first adj2 seizure\$.mp. (154)
 - 3 (primary adj2 seizure\$.mp. (26)
 - 4 (first adj2 onset adj2 seizure\$.mp. (1)
 - 5 (early adj2 seizure\$.mp. (56)
 - 6 prognosis/ (28506)
 - 7 treatment outcome/ or disease free interval/ or treatment failure/ or drug treatment failure/ (386)
 - 8 risk/ or attributable risk/ or recurrence risk/ or risk assessment/ or risk factor/ or risk reduction/ (23452)
 - 9 (prognos\$ or risk\$.mp. (96512)
 - 10 Recurrent Disease/ (777)
 - 11 recurr\$.mp. (53807)
 - 12 or/1-5 (317)
 - 13 or/6-11 (143627)
 - 14 and/12-13 (61)
 - 15 limit 14 to (human and english language and yr="1966 - 1979" and (conference paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (0)

Database: EMBASE <1980 to 2009 Week 23>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (585)
 - 2 (new adj2 onset adj4 seizure\$.mp. (311)
 - 3 (first adj2 seizure\$.mp. (1103)
 - 4 (de novo adj4 seizure\$.mp. (23)
 - 5 (newly adj2 diagnosed adj4 seizure\$.mp. (119)
 - 6 (primary adj2 seizure\$.mp. (170)
 - 7 (first adj2 onset adj2 seizure\$.mp. (14)
 - 8 (first adj2 episode adj2 seizure\$.mp. (14)
 - 9 (early adj2 seizure\$.mp. (618)
 - 10 or/1-9 (2736)
 - 11 exp Anticonvulsive Agent/ (166985)
 - 12 (abecarnil or acetazolamide or albutoin or allomethadione or ameltolide).mp. (9874)
 - 13 (antiepilepsirine or ascorbate magnesium or barbexaclone or beclamide or benzobarbital).mp. (310)
 - 14 5 benzylidenehydantoin.mp. (6)
 - 15 (brivaracetam or broximide or calcium bromide or carabersat or caramiphen).mp. (240)
 - 16 (carbamazepine or cinromide or clomethiazole or clonazepam or cyheptamide).mp. (46647)
 - 17 carbamazepine 10,11 oxide.mp. (588)
 - 18 (denzimol or dextromethorphan or dezinamide or diazepam or dimethadione or doxenitoin).mp. (49588)
 - 19 10, 11 dihydro 10,11 dihydroxycarbamazepine.mp. (99)
 - 20 (endixaprine or etazepine or eterobarb or ethosuximide or ethotoin or etriacetam).mp. (4225)
 - 21 (fali lepsin or felbamate or fluoresone or fluzinamide or fosphenytoin sodium or gabapentin).mp. (13621)
 - 22 (ganaxolone or harkoseride or imidazenil or ladoxaprine or lamotrigine or lanicemine).mp. (10534)
 - 23 2 isopropylvaleramide.mp. (39)
 - 24 (licarbazepine or loreclezole or losigamone or mephebarbital or mephenytoin or mesuximide).mp. (2289)
 - 25 (metharbital or methylphenobarbital or milacemide or nafimidone or nitrazepam).mp. (4925)
 - 26 1 methyl 1,2 diphenylethylamine.mp. (54)
 - 27 (normephenytoin or normesuximide or oxcarbazepine or paramethadione or pazinaclone).mp. (4494)
 - 28 (pentoxyverine or phenacemide or pheneturide or phenobarbital or phensuximide or phenytoin or potassium bromide).mp. (57807)
 - 29 (pregabalin or primidone or progabide or ralitoline or remacemide or retigabine).mp. (8324)
 - 30 2 propyl 2 pentenoic acid.mp. (69)
 - 31 2 propyl 4 pentenoic acid.mp. (75)

- 32 (riluzole or ropizine or rufinamide or safinamide or seletracetam or sodium bromide or stiripentol or sultiame).mp. (3225)
- 33 SC 1001A.mp. (3)
- 34 shosaikoto go keishikashakuyakuto.mp. (87)
- 35 (talampanel or taltrimide or tigabine or topiramate or trimethadione or valproate calcium).mp. (9072)
- 36 (valproate magnesium or valproate semisodium or valproic acid or valproic acid derivative or valpromide).mp. (31617)
- 37 4 valproylaminobutyric acid.mp. (4)
- 38 (valroceamide or vigabatrin or zalepion or zonisamide).mp. (6609)
- 39 (dt or tu or th).fs. (1839636)
- 40 drug therapy/ or anticonvulsant therapy/ or drug intermittent therapy/ or drug treatment failure/ or medication error/ or monotherapy/ or pharmaceutical care/ or polypharmacy/ or single drug dose/ or drug combination/ (259087)
- 41 (drug therapy or drug therapies or medication\$ or drug treatment\$ or drug intervention\$).mp. (345727)
- 42 (antiepileptic\$ or anticonvulsant\$ or anticonvulsive\$).mp. (46721)
- 43 or/11-42 (2165006)
- 44 and/10,43 (1382)
- 45 limit 44 to (human and english language and yr="1980 -Current" and (conference paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (464)
- 46 limit 45 to (book or book series or editorial or letter or note or report or "review" or short survey) (32)
- 47 45 not 46 (432)

Database: EMBASE <1980 to 2009 Week 23>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (585)
 - 2 (new adj2 onset adj4 seizure\$.mp. (311)
 - 3 (first adj2 seizure\$.mp. (1103)
 - 4 (de novo adj4 seizure\$.mp. (23)
 - 5 (newly adj2 diagnosed adj4 seizure\$.mp. (119)
 - 6 (primary adj2 seizure\$.mp. (170)
 - 7 (first adj2 onset adj2 seizure\$.mp. (14)
 - 8 (first adj2 episode adj2 seizure\$.mp. (14)
 - 9 (early adj2 seizure\$.mp. (618)
 - 10 or/1-9 (2736)
 - 11 patient satisfaction/ (36598)
 - 12 (patient adj2 prefer\$.mp. (2888)
 - 13 (patient adj2 satisf\$.mp. (38755)
 - 14 patient education/ (27616)
 - 15 (patient adj2 educat\$.mp. (30111)
 - 16 counseling/ or anticipatory guidance/ or directive counseling/ or patient counseling/
or patient guidance/ (31242)
 - 17 counsel\$.mp. (61141)
 - 18 car driving/ or driving ability/ (5830)
 - 19 safety/ or traffic safety/ (49458)
 - 20 (driving or safety).mp. (295742)
 - 21 or/11-20 (413500)
 - 22 and/10,21 (162)
 - 23 limit 22 to (human and english language and yr="1980 -Current" and (conference
paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (61)
 - 24 limit 23 to (book or book series or editorial or letter or note or report or "review" or
short survey) (8)
 - 25 23 not 24 (53)
 - 26 find similar to Should patients with psychogenic nonepileptic seizures be allowed to
drive? (97)
 - 27 from 26 keep 1,3,7,10,16,19-22,30,32,43,45,51-52,61-62,65,74,88,92-93,95-96 (24)

Database: EMBASE <1980 to 2009 Week 23>

Search Strategy:

-
- 1 (initial adj4 seizure\$.mp. (585)
 - 2 (new adj2 onset adj4 seizure\$.mp. (311)
 - 3 (first adj2 seizure\$.mp. (1103)
 - 4 (de novo adj4 seizure\$.mp. (23)
 - 5 (newly adj2 diagnosed adj4 seizure\$.mp. (119)
 - 6 (primary adj2 seizure\$.mp. (170)
 - 7 (first adj2 onset adj2 seizure\$.mp. (14)
 - 8 (first adj2 episode adj2 seizure\$.mp. (14)
 - 9 (early adj2 seizure\$.mp. (618)
 - 10 or/1-9 (2736)
 - 11 prognosis/ (188946)
 - 12 treatment outcome/ or disease free interval/ or treatment failure/ or drug treatment failure/ (377495)
 - 13 risk/ or attributable risk/ or recurrence risk/ or risk assessment/ or risk factor/ or risk reduction/ (440857)
 - 14 (prognos\$ or risk\$.mp. (1167634)
 - 15 or/11-14 (1457524)
 - 16 Recurrent Disease/ (55273)
 - 17 recurr\$.mp. (278145)
 - 18 or/16-17 (278145)
 - 19 and/10,15,18 (304)
 - 20 or/11-14,16-17 (1623040)
 - 21 and/10,20 (1191)
 - 22 or/19,21 (1191)
 - 23 limit 22 to (human and english language and yr="1980 -Current" and (conference paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (434)
 - 24 limit 23 to (book or book series or editorial or letter or note or report or "review" or short survey) (34)
 - 25 23 not 24 (400)
 - 26 (initial adj4 seizure\$.mp. (585)
 - 27 (new adj2 onset adj4 seizure\$.mp. (311)
 - 28 (first adj2 seizure\$.mp. (1103)
 - 29 (de novo adj4 seizure\$.mp. (23)
 - 30 (newly adj2 diagnosed adj4 seizure\$.mp. (119)
 - 31 (primary adj2 seizure\$.mp. (170)
 - 32 (first adj2 onset adj2 seizure\$.mp. (14)
 - 33 (first adj2 episode adj2 seizure\$.mp. (14)
 - 34 (early adj2 seizure\$.mp. (618)
 - 35 or/26-34 (2736)
 - 36 exp Anticonvulsive Agent/ (166985)
 - 37 (abecarnil or acetazolamide or albutoin or allomethadione or ameltolide).mp. (9874)
 - 38 (antiepilepsirine or ascorbate magnesium or barbexaclone or beclamide or benzobarbital).mp. (310)

- 39 5 benzylidenehydantoin.mp. (6)
- 40 (brivaracetam or broximide or calcium bromide or carbamazepine or carbamazepine).mp. (240)
- 41 (carbamazepine or cinromide or clomethiazole or clonazepam or cyheptamide).mp. (46647)
- 42 carbamazepine 10,11 oxide.mp. (588)
- 43 (denzimol or dextromethorphan or dezamide or diazepam or dimethadione or doxinitoin).mp. (49588)
- 44 10, 11 dihydro 10,11 dihydroxycarbamazepine.mp. (99)
- 45 (endixaprine or etazepine or etobarb or ethosuximide or ethoin or etriacetam).mp. (4225)
- 46 (fali lepsin or felbamate or fluorenone or fluzinamide or fosphenytoin sodium or gabapentin).mp. (13621)
- 47 (ganaxolone or harkoseride or imidazenil or ladoxaprine or lamotrigine or lanicemine).mp. (10534)
- 48 2 isopropylvaleramide.mp. (39)
- 49 (licarbazepine or loreclezole or losigamone or mephebarbital or mephenytoin or mesuximide).mp. (2289)
- 50 (metharbital or methylphenobarbital or milacemide or nafimidone or nitrazepam).mp. (4925)
- 51 1 methyl 1,2 diphenylethylamine.mp. (54)
- 52 (normephenytoin or normesuximide or oxcarbazepine or paramethadione or pazinaclone).mp. (4494)
- 53 (pentoxyverine or phenacemide or pheneturide or phenobarbital or phensuximide or phenytoin or potassium bromide).mp. (57807)
- 54 (pregabalin or primidone or progabide or ralitoline or remacemide or retigabine).mp. (8324)
- 55 2 propyl 2 pentenoic acid.mp. (69)
- 56 2 propyl 4 pentenoic acid.mp. (75)
- 57 (riluzole or ropizine or rufinamide or safinamide or seletracetam or sodium bromide or stiripentol or sultiame).mp. (3225)
- 58 SC 1001A.mp. (3)
- 59 shosaikoto go keishikashakuyakuto.mp. (87)
- 60 (talampanel or taltrimide or tigabine or topiramate or trimethadione or valproate calcium).mp. (9072)
- 61 (valproate magnesium or valproate semisodium or valproic acid or valproic acid derivative or valpromide).mp. (31617)
- 62 4 valproylaminobutyric acid.mp. (4)
- 63 (valroceamide or vigabatrin or zalepion or zonisamide).mp. (6609)
- 64 (dt or tu or th).fs. (1839636)
- 65 drug therapy/ or anticonvulsant therapy/ or drug intermittent therapy/ or drug treatment failure/ or medication error/ or monotherapy/ or pharmaceutical care/ or polypharmacy/ or single drug dose/ or drug combination/ (259087)
- 66 (drug therapy or drug therapies or medication\$ or drug treatment\$ or drug intervention\$).mp. (345727)
- 67 (antiepileptic\$ or anticonvulsant\$ or anticonvulsive\$).mp. (46721)

68 or/36-67 (2165006)

69 and/35,68 (1382)

70 limit 69 to (human and english language and yr="1980 -Current" and (conference paper or journal or proceeding) and (adult <18 to 64 years> or aged <65+ years>)) (464)

71 limit 70 to (book or book series or editorial or letter or note or report or "review" or short survey) (32)

72 70 not 71 (432)

73 25 not 72 (177)

Embase 1974 to 2013 February 28

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	8497	Advanced
2	(first adj4 seizure?).mp.	3738	Advanced
3	((new or newly) adj4 seizure?).mp.	1445	Advanced
4	(initial adj4 seizure?).mp.	1076	Advanced
5	(early adj4 seizure?).mp.	2293	Advanced
6	(primar* adj4 seizure?).mp.	1675	Advanced
7	(de novo adj4 seizure?).mp.	45	Advanced
8	or/1-7	15769	Advanced
9	patient satisfaction/	77763	Advanced
10	patient preference/	2737	Advanced
11	safety/	137640	Advanced
12	patient safety/	39689	Advanced
13	car driving/	10817	Advanced
14	driving ability/	5093	Advanced
15	traffic accident/	43449	Advanced
16	traffic safety/	2777	Advanced
17	driving*.mp.	57085	Advanced
18	patient education/	81887	Advanced
19	Education/	282746	Advanced
20	(patient? adj2 educat*).mp.	107233	Advanced
21	counseling/	36162	Advanced
22	patient counseling/	28715	Advanced
23	directive counseling/	465	Advanced
24	anticipatory guidance/	172	Advanced
25	patient guidance/	946	Advanced
26	or/9-25	753014	Advanced
27	8 and 26	647	Advanced

28 (seizure? adj10 driving*).mp.	275	Advanced
29 27 or 28	872	Advanced
limit 29 to (book or book series or conference abstract or		
30 conference paper or conference proceeding or "conference review")	373	Advanced
31 29 not 30	499	Advanced
32 limit 31 to yr="2009 -Current"	141	Advanced
33 (2009* or 2010* or 2011* or 2012* or 2013*).em.	4964197	Advanced
34 31 and 33	150	Advanced
35 32 or 34	151	Advanced
36 limit 35 to english language	135	Advanced

Embase 1974 to 2013 March 07

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	8506	Advanced
2	(first adj4 seizure?).mp.	3739	Advanced
3	((new or newly) adj4 seizure?).mp.	1448	Advanced
4	(initial adj4 seizure?).mp.	1076	Advanced
5	(early adj4 seizure?).mp.	2297	Advanced
6	(primar* adj4 seizure?).mp.	1678	Advanced
7	(de novo adj4 seizure?).mp.	45	Advanced
8	or/1-7	15786	Advanced
9	prognosis/	409451	Advanced
10	treatment outcome/	616536	Advanced
11	disease free interval/	2006	Advanced
12	exp treatment failure/	75710	Advanced
13	nomogram/	3408	Advanced
14	risk/	237701	Advanced
15	attributable risk/	1843	Advanced
16	risk factor/	563131	Advanced
17	risk assessment/	307114	Advanced
18	recurrence risk/	28439	Advanced
19	risk reduction/	52072	Advanced
20	recurrent disease/	126252	Advanced
21	prognos*.mp.	632462	Advanced
22	risk*.mp.	2022767	Advanced
23	recurr*.mp.	574256	Advanced
24	or/9-23	3363764	Advanced
25	8 and 24	5388	Advanced
26	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	4377401	Advanced
27	25 not 26	5065	Advanced

28	limit 27 to (book or book series or conference abstract or conference paper or conference proceeding or "conference review" or note)	1078	Advanced
29	27 not 28	3987	Advanced
30	limit 29 to (embryo <first trimester> or infant <to one year> or child <unspecified age> or preschool child <1 to 6 years> or school child <7 to 12 years> or adolescent <13 to 17 years>)	1747	Advanced
31	limit 29 to (adult <18 to 64 years> or aged <65+ years>)	1722	Advanced
32	30 not 31	1005	Advanced
33	29 not 32	2982	Advanced
34	limit 33 to yr="2009 -Current"	862	Advanced
35	(2009* or 2010* or 2011* or 2012* or 2013*).em.	4984266	Advanced
36	33 and 35	915	Advanced
37	34 or 36	922	Advanced
38	limit 37 to english language	823	Advanced
39	limit 38 to embase	760	Advanced

Embase 1974 to 2013 March 14

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	8513	Advanced
2	(first adj4 seizure?).mp.	3741	Advanced
3	((new or newly) adj4 seizure?).mp.	1448	Advanced
4	(initial adj4 seizure?).mp.	1077	Advanced
5	(early adj4 seizure?).mp.	2297	Advanced
6	(primar* adj4 seizure?).mp.	1683	Advanced
7	(de novo adj4 seizure?).mp.	45	Advanced
8	or/1-7	15801	Advanced
9	exp anticonvulsive agent/	277763	Advanced
10	anticonvulsant therapy/	5338	Advanced
11	drug therapy/	346066	Advanced
12	drug intermittent therapy/	3342	Advanced
13	exp drug combination/	177671	Advanced
14	single drug dose/	40843	Advanced
15	monotherapy/	55429	Advanced
16	drug treatment failure/	14619	Advanced
17	medication error/	11364	Advanced
18	pharmaceutical care/	10590	Advanced
19	polypharmacy/	5768	Advanced
20	antiepileptic*.mp.	24033	Advanced
21	anti-epileptic*.mp.	3711	Advanced
22	anticonvuls*.mp.	74805	Advanced
23	anti-convuls*.mp.	1112	Advanced
24	antiepilepsirine*.mp.	41	Advanced
25	1 methyl 1,2 diphenylethylamine.mp.	56	Advanced
26	2 isopropylvaleramide.mp.	61	Advanced
27	2 propyl 2 pentenoic acid.mp.	82	Advanced

28	2 propyl 4 pentenoic acid.mp.	88	Advanced
29	4 valproylaminobutyric acid.mp.	4	Advanced
30	5 benzylidenehydantoin.mp.	7	Advanced
31	10, 11 dihydro 10,11 dihydroxycarbamazepine.mp.	123	Advanced
32	carbamazepine 10,11 oxide.mp.	703	Advanced
33	SC 1001A.mp.	3	Advanced
34	abecarnil.mp.	255	Advanced
35	acetazolamide.mp.	16346	Advanced
36	albutoin.mp.	28	Advanced
37	allomethadione.mp.	8	Advanced
38	ameltolide.mp.	47	Advanced
39	ascorbate magnesium.mp.	49	Advanced
40	barbexaclone.mp.	188	Advanced
41	beclamide.mp.	103	Advanced
42	benzobarbital.mp.	133	Advanced
43	brivaracetam.mp.	179	Advanced
44	bromides.mp.	3534	Advanced
45	brosuximide.mp.	12	Advanced
46	calcium bromide.mp.	74	Advanced
47	carabersat.mp.	44	Advanced
48	caramiphen.mp.	165	Advanced
49	carbamazepine.mp.	51013	Advanced
50	cinromide.mp.	67	Advanced
51	cyheptamide.mp.	42	Advanced
52	chlormethiazole.mp.	542	Advanced
53	clonazepam.mp.	19594	Advanced
54	clorazepate dipotassium.mp.	1893	Advanced
55	denzimol.mp.	50	Advanced
56	dextromethorphan.mp.	5935	Advanced
57	dezinamide.mp.	22	Advanced
58	diazepam.mp.	67990	Advanced
59	doxenitoin.mp.	13	Advanced

60	dimethadione.mp.	449	Advanced
61	endixaprine.mp.	15	Advanced
62	estazolam.mp.	995	Advanced
63	etazepine.mp.	3	Advanced
64	eterobarb.mp.	35	Advanced
65	ethotoin.mp.	251	Advanced
66	ethosuximide.mp.	6074	Advanced
67	etriacetam.mp.	0	Advanced
68	fali lepsin.mp.	37	Advanced
69	felbamate.mp.	2901	Advanced
70	fluoresone.mp.	7	Advanced
71	flunarizine.mp.	4635	Advanced
72	fluzinamide.mp.	9	Advanced
73	fosphenytoin sodium.mp.	1331	Advanced
74	gabapentin.mp.	19195	Advanced
75	ganaxolone.mp.	199	Advanced
76	harkoseride.mp.	981	Advanced
77	imidazenil.mp.	93	Advanced
78	ladoxaprine.mp.	13	Advanced
79	lamotrigine.mp.	16511	Advanced
80	lanicemine.mp.	73	Advanced
81	licarbazepine.mp.	264	Advanced
82	lorazepam.mp.	19960	Advanced
83	loreclezole.mp.	183	Advanced
84	losigamone.mp.	140	Advanced
85	magnesium sulfat.mp.	12076	Advanced
86	medazepam.mp.	1325	Advanced
87	mephenytoin.mp.	2142	Advanced
88	meph?barbital.mp.	166	Advanced
89	metharbital.mp.	183	Advanced
90	methylphenobarbital.mp.	987	Advanced
91	mesuximide.mp.	659	Advanced

92	milacemide.mp.	230	Advanced
93	nafimidone.mp.	60	Advanced
94	nitrazepam.mp.	6356	Advanced
95	normephenytoin.mp.	141	Advanced
96	normesuximide.mp.	60	Advanced
97	oxcarbazepine.mp.	6893	Advanced
98	paramethadione.mp.	232	Advanced
99	pazinaclone.mp.	42	Advanced
100	pentoxyverine.mp.	234	Advanced
101	phenacemide.mp.	266	Advanced
102	pheneturide.mp.	253	Advanced
103	phenobarbital.mp.	58865	Advanced
104	phensuximide.mp.	264	Advanced
105	phenytoin.mp.	55293	Advanced
106	potassium bromide.mp.	893	Advanced
107	pregabalin.mp.	6244	Advanced
108	primidone.mp.	7926	Advanced
109	progabide.mp.	582	Advanced
110	ralitoline.mp.	51	Advanced
111	remacemide.mp.	542	Advanced
112	retigabine.mp.	633	Advanced
113	riluzole.mp.	2839	Advanced
114	ropizine.mp.	51	Advanced
115	rufinamide.mp.	552	Advanced
116	safinamide.mp.	187	Advanced
117	seletracetam.mp.	45	Advanced
118	sodium bromide.mp.	844	Advanced
119	stiripentol.mp.	455	Advanced
120	sultiame.mp.	966	Advanced
121	shosaikoto go keishikashakuyakuto.mp.	126	Advanced
122	saiko keishi to.mp.	88	Advanced
123	talampanel.mp.	306	Advanced

124	taltrimide.mp.	30	Advanced
125	tiagabine.mp.	3386	Advanced
126	topiramate.mp.	13785	Advanced
127	thiopental.mp.	23523	Advanced
128	tiletamine.mp.	446	Advanced
129	trimethadione.mp.	1614	Advanced
130	valproic acid.mp.	44292	Advanced
131	valproic acid derivative.mp.	269	Advanced
132	valproate magnesium.mp.	142	Advanced
133	valproate semisodium.mp.	4306	Advanced
134	valpromide.mp.	561	Advanced
135	valrocemide.mp.	64	Advanced
136	vigabatrin.mp.	6379	Advanced
137	zalepion.mp.	2	Advanced
138	zonisamide.mp.	4144	Advanced
139	(drug adj2 (therap* or treatment? or interven*)).mp.	464496	Advanced
140	medication*.mp.	263760	Advanced
141	(dt or tu or th).fs.	3746659	Advanced
142	or/9-141	4425221	Advanced
143	8 and 142	7500	Advanced
144	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	4379925	Advanced
145	143 not 144	6656	Advanced
146	limit 145 to (book or book series or conference abstract or conference paper or conference proceeding or "conference review" or note or report)	1533	Advanced
147	145 not 146	5123	Advanced
148	limit 147 to (embryo <first trimester> or infant <to one year> or child <unspecified age> or preschool child <1 to 6 years> or school child <7 to 12 years> or adolescent <13 to 17 years>)	1967	Advanced
149	limit 147 to (adult <18 to 64 years> or aged <65+ years>)	2128	Advanced
150	148 not 149	1176	Advanced
151	147 not 150	3947	Advanced

152 limit 151 to english language	3372	Advanced
153 limit 152 to yr="2009 -Current"	1133	Advanced
154 (2009* or 2010* or 2011* or 2012* or 2013*).em.	5007862	Advanced
155 152 and 154	1197	Advanced
156 153 or 155	1203	Advanced
157 limit 156 to embase	1127	Advanced

DARE

EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	4	Advanced
2	(first adj4 seizure?).mp.	3	Advanced
3	((new or newly) adj4 seizure?).mp.	2	Advanced
4	(initial adj4 seizure?).mp.	0	Advanced
5	(early adj4 seizure?).mp.	3	Advanced
6	(primar* adj4 seizure?).mp.	9	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	17	Advanced
9	(patient? adj2 satisfact*).mp.	526	Advanced
10	(patient? adj2 prefer*).mp.	202	Advanced
11	safet*.mp.	2404	Advanced
12	(patient? adj2 safet*).mp.	121	Advanced
13	((automobile? or car?) adj2 (drive* or driving)).mp.	27	Advanced
14	accident*.mp.	302	Advanced
15	(traffic adj2 safe*).mp.	9	Advanced
16	driving*.mp.	44	Advanced
17	educat*.mp.	1788	Advanced
18	(patient? adj2 educat*).mp.	458	Advanced
19	counsel*.mp.	687	Advanced
20	or/9-19	4956	Advanced
21	8 and 20	8	Advanced
22	(seizure? adj10 driving*).mp.	0	Advanced
23	21 or 22	8	Advanced

EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	4	Advanced
2	(first adj4 seizure?).mp.	3	Advanced
3	((new or newly) adj4 seizure?).mp.	2	Advanced
4	(initial adj4 seizure?).mp.	0	Advanced
5	(early adj4 seizure?).mp.	3	Advanced
6	(primar* adj4 seizure?).mp.	9	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	17	Advanced
9	antiepileptic*.mp.	39	Advanced
10	anti-epileptic*.mp.	24	Advanced
11	anticonvuls*.mp.	124	Advanced
12	anti-convuls*.mp.	4	Advanced
13	antiepilepsirine*.mp.	0	Advanced
14	1 methyl 1,2 diphenylethylamine.mp.	0	Advanced
15	2 isopropylvaleramide.mp.	0	Advanced
16	2 propyl 2 pentenoic acid.mp.	0	Advanced
17	2 propyl 4 pentenoic acid.mp.	0	Advanced
18	4 valproylaminobutyric acid.mp.	0	Advanced
19	5 benzylidenehydantoin.mp.	0	Advanced
20	10, 11 dihydro 10,11 dihydroxycarbamazepine.mp.	0	Advanced
21	carbamazepine 10,11 oxide.mp.	0	Advanced
22	SC 1001A.mp.	0	Advanced
23	abecarnil.mp.	0	Advanced
24	acetazolamide.mp.	7	Advanced
25	albutoin.mp.	0	Advanced
26	allomethadione.mp.	0	Advanced
27	ameltolide.mp.	0	Advanced
28	ascorbate magnesium.mp.	0	Advanced
29	barbexaclone.mp.	0	Advanced
30	beclamide.mp.	0	Advanced

31	benzobarbital.mp.	0	Advanced
32	brivaracetam.mp.	0	Advanced
33	bromides.mp.	0	Advanced
34	brosuximide.mp.	0	Advanced
35	calcium bromide.mp.	0	Advanced
36	carabersat.mp.	0	Advanced
37	caramiphen.mp.	0	Advanced
38	carbamazepine.mp.	81	Advanced
39	cinromide.mp.	0	Advanced
40	cyheptamide.mp.	0	Advanced
41	chlormethiazole.mp.	2	Advanced
42	clonazepam.mp.	20	Advanced
43	clorazepate dipotassium.mp.	0	Advanced
44	denzimol.mp.	0	Advanced
45	dextromethorphan.mp.	10	Advanced
46	dezinamide.mp.	0	Advanced
47	diazepam.mp.	62	Advanced
48	doxenitoin.mp.	0	Advanced
49	dimethadione.mp.	0	Advanced
50	endixaprine.mp.	0	Advanced
51	estazolam.mp.	3	Advanced
52	etazepine.mp.	0	Advanced
53	eterobarb.mp.	0	Advanced
54	ethotoin.mp.	0	Advanced
55	ethosuximide.mp.	3	Advanced
56	etriacetam.mp.	0	Advanced
57	fali lepsin.mp.	0	Advanced
58	felbamate.mp.	1	Advanced
59	fluoresone.mp.	0	Advanced
60	flunarizine.mp.	5	Advanced
61	fluzinamide.mp.	0	Advanced
62	fosphenytoin sodium.mp.	0	Advanced

63	gabapentin.mp.	42	Advanced
64	ganaxolone.mp.	0	Advanced
65	harkoseride.mp.	0	Advanced
66	imidazenil.mp.	0	Advanced
67	ladoxaprime.mp.	0	Advanced
68	lamotrigine.mp.	38	Advanced
69	lanicemine.mp.	0	Advanced
70	licarbazepine.mp.	1	Advanced
71	lorazepam.mp.	47	Advanced
72	loreclezole.mp.	0	Advanced
73	losigamone.mp.	1	Advanced
74	magnesium sulfate.mp.	32	Advanced
75	medazepam.mp.	1	Advanced
76	mephenytoin.mp.	0	Advanced
77	meph?barbital.mp.	1	Advanced
78	metharbital.mp.	0	Advanced
79	methylphenobarbital.mp.	0	Advanced
80	mesuximide.mp.	0	Advanced
81	milacemide.mp.	0	Advanced
82	nafimidone.mp.	0	Advanced
83	nitrazepam.mp.	6	Advanced
84	normephenytoin.mp.	0	Advanced
85	normesuximide.mp.	0	Advanced
86	oxcarbazepine.mp.	16	Advanced
87	paramethadione.mp.	0	Advanced
88	pazinaclone.mp.	0	Advanced
89	pentoxyverine.mp.	0	Advanced
90	phenacemide.mp.	0	Advanced
91	pheneturide.mp.	0	Advanced
92	phenobarbital.mp.	23	Advanced
93	phensuximide.mp.	0	Advanced
94	phenytoin.mp.	42	Advanced

95	potassium bromide.mp.	0	Advanced
96	pregabalin.mp.	26	Advanced
97	primidone.mp.	4	Advanced
98	progabide.mp.	0	Advanced
99	ralitoline.mp.	0	Advanced
100	remacemide.mp.	1	Advanced
101	retigabine.mp.	2	Advanced
102	riluzole.mp.	3	Advanced
103	ropizine.mp.	0	Advanced
104	rufinamide.mp.	2	Advanced
105	safinamide.mp.	0	Advanced
106	seletracetam.mp.	0	Advanced
107	sodium bromide.mp.	0	Advanced
108	stiripentol.mp.	0	Advanced
109	sultiame.mp.	0	Advanced
110	shosaikoto go keishikashakuyakuto.mp.	0	Advanced
111	saiko keishi to.mp.	1	Advanced
112	talampanel.mp.	0	Advanced
113	taltrimide.mp.	0	Advanced
114	tiagabine.mp.	8	Advanced
115	topiramate.mp.	30	Advanced
116	thiopental.mp.	12	Advanced
117	tiletamine.mp.	0	Advanced
118	trimethadione.mp.	0	Advanced
119	valproic acid.mp.	40	Advanced
120	valproic acid derivative.mp.	0	Advanced
121	valproate magnesium.mp.	0	Advanced
122	valproate semisodium.mp.	2	Advanced
123	valpromide.mp.	0	Advanced
124	valrocemide.mp.	0	Advanced
125	vigabatrin.mp.	10	Advanced
126	zalepion.mp.	0	Advanced

127 zonisamide.mp.	6	Advanced
128 (drug adj2 (therap* or treatment? or interven*)).mp.	5472	Advanced
129 medication*.mp.	1460	Advanced
130 or/9-129	6322	Advanced
131 8 and 130	13	Advanced

EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	4	Advanced
2	(first adj4 seizure?).mp.	3	Advanced
3	((new or newly) adj4 seizure?).mp.	2	Advanced
4	(initial adj4 seizure?).mp.	0	Advanced
5	(early adj4 seizure?).mp.	3	Advanced
6	(primar* adj4 seizure?).mp.	9	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	17	Advanced
9	prognos*.mp.	887	Advanced
10	risk*.mp.	7763	Advanced
11	((treatment? or therap*) adj2 outcome?).mp.	5899	Advanced
12	(disease? adj2 survival?).mp.	320	Advanced
13	(medical* adj2 futilit*).mp.	0	Advanced
14	nomogram?.mp.	9	Advanced
15	recurr*.mp.	1453	Advanced
16	or/9-15	11685	Advanced
17	8 and 16	16	Advanced
18	limit 17 to last 5 years	16	Advanced

Cochrane

EBM Reviews - Cochrane Central Register of Controlled Trials February 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	243	Advanced
2	(first adj4 seizure?).mp.	146	Advanced
3	((new or newly) adj4 seizure?).mp.	72	Advanced
4	(initial adj4 seizure?).mp.	42	Advanced
5	(early adj4 seizure?).mp.	54	Advanced
6	(primar* adj4 seizure?).mp.	92	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	524	Advanced
9	exp Patient Satisfaction/ Safety/	6878	Advanced
10		2599	Advanced
11	Patient Safety/	13	Advanced
12	Automobile Driving/ Accidents, Traffic/	504	Advanced
13		250	Advanced
14	(traffic adj2 safe*).mp.	121	Advanced
15	driving*.mp.	1257	Advanced
16	Patient Education as Topic/ Education/	5015	Advanced
17		375	Advanced
18	(patient? adj2 educat*).mp.	6210	Advanced
19	Counseling/ Directive Counseling/	2111	Advanced
20		163	Advanced
21	or/9-20	18574	Advanced
22	8 and 21	7	Advanced
23	(seizure? adj10 driving*).mp.	1	Advanced
24	22 or 23	7	Advanced
25	limit 24 to yr="2009 -Current"	2	Advanced
26	(2009* or 2010* or 2011* or 2012* or 2013*).up.	680935	Advanced
27	24 and 26	7	Advanced
28	25 or 27	7	Advanced

EBM Reviews - Cochrane Central Register of Controlled Trials February 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	243	Advanced
2	(first adj4 seizure?).mp.	146	Advanced
3	((new or newly) adj4 seizure?).mp.	72	Advanced
4	(initial adj4 seizure?).mp.	42	Advanced
5	(early adj4 seizure?).mp.	54	Advanced
6	(primar* adj4 seizure?).mp.	92	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	524	Advanced
9	exp Anticonvulsants/	6927	Advanced
10	Drug Therapy/	296	Advanced
11	exp Drug Therapy, Combination/	31361	Advanced
12	exp Medication Errors/	131	Advanced
13	polypharmacy/	53	Advanced
14	pharmaceutical care/	68	Advanced
15	antiepileptic*.mp.	863	Advanced
16	anti-epileptic*.mp.	80	Advanced
17	anticonvuls*.mp.	2022	Advanced
18	anti-convuls*.mp.	18	Advanced
19	antiepilepsirine*.mp.	3	Advanced
20	1 methyl 1,2 diphenylethylamine.mp.	1	Advanced
21	2 isopropylvaleramide.mp.	0	Advanced
22	2 propyl 2 pentenoic acid.mp.	0	Advanced
23	2 propyl 4 pentenoic acid.mp.	0	Advanced
24	4 valproylaminobutyric acid.mp.	0	Advanced
25	5 benzylidenehydantoin.mp.	0	Advanced
26	10, 11 dihydro 10,11 dihydroxycarbamazepine.mp.	0	Advanced
27	carbamazepine 10,11 oxide.mp.	8	Advanced

28	SC 1001A.mp.	0	Advanced
29	abecarnil.mp.	13	Advanced
30	acetazolamide.mp.	468	Advanced
31	albutoin.mp.	3	Advanced
32	allomethadione.mp.	0	Advanced
33	ameltolide.mp.	0	Advanced
34	ascorbate magnesium.mp.	0	Advanced
35	barbexaclone.mp.	2	Advanced
36	beclamide.mp.	4	Advanced
37	benzobarbital.mp.	0	Advanced
38	brivaracetam.mp.	19	Advanced
39	bromides.mp.	33	Advanced
40	brosuximide.mp.	0	Advanced
41	calcium bromide.mp.	0	Advanced
42	carabersat.mp.	0	Advanced
43	caramiphen.mp.	1	Advanced
44	carbamazepine.mp.	1277	Advanced
45	cinromide.mp.	4	Advanced
46	cyheptamide.mp.	0	Advanced
47	chlormethiazole.mp.	82	Advanced
48	clonazepam.mp.	246	Advanced
49	clorazepate dipotassium.mp.	125	Advanced
50	denzimol.mp.	0	Advanced
51	dextromethorphan.mp.	290	Advanced
52	dezinamide.mp.	3	Advanced
53	diazepam.mp.	3395	Advanced
54	doxenitoin.mp.	0	Advanced
55	dimethadione.mp.	2	Advanced
56	endixaprine.mp.	0	Advanced
57	estazolam.mp.	59	Advanced
58	etazepine.mp.	0	Advanced
59	eterobarb.mp.	3	Advanced

60	ethotoin.mp.	2	Advanced
61	ethosuximide.mp.	24	Advanced
62	etriacetam.mp.	0	Advanced
63	fali lepsin.mp.	0	Advanced
64	felbamate.mp.	59	Advanced
65	fluoresone.mp.	0	Advanced
66	flunarizine.mp.	265	Advanced
67	fluzinamide.mp.	0	Advanced
68	fosphenytoin sodium.mp.	5	Advanced
69	gabapentin.mp.	555	Advanced
70	ganaxolone.mp.	6	Advanced
71	harkoseride.mp.	0	Advanced
72	imidazenil.mp.	0	Advanced
73	ladoxaprime.mp.	0	Advanced
74	lamotrigine.mp.	560	Advanced
75	lanicemine.mp.	0	Advanced
76	licarbazepine.mp.	6	Advanced
77	lorazepam.mp.	1243	Advanced
78	loreclezole.mp.	4	Advanced
79	losigamone.mp.	13	Advanced
80	magnesium sulfate.mp.	774	Advanced
81	medazepam.mp.	58	Advanced
82	mephenytoin.mp.	62	Advanced
83	meph?barbital.mp.	3	Advanced
84	metharbital.mp.	1	Advanced
85	methylphenobarbital.mp.	4	Advanced
86	mesuximide.mp.	1	Advanced
87	milacemide.mp.	12	Advanced
88	nafimidone.mp.	0	Advanced
89	nitrazepam.mp.	324	Advanced
90	normephenytoin.mp.	0	Advanced
91	normesuximide.mp.	0	Advanced

92	oxcarbazepine.mp.	187	Advanced
93	paramethadione.mp.	0	Advanced
94	pazinaclone.mp.	5	Advanced
95	pentoxyverine.mp.	0	Advanced
96	phenacemide.mp.	0	Advanced
97	pheneturide.mp.	3	Advanced
98	phenobarbital.mp.	736	Advanced
99	phensuximide.mp.	0	Advanced
100	phenytoin.mp.	857	Advanced
101	potassium bromide.mp.	2	Advanced
102	pregabalin.mp.	238	Advanced
103	primidone.mp.	93	Advanced
104	progabide.mp.	28	Advanced
105	ralitoline.mp.	0	Advanced
106	remacemide.mp.	43	Advanced
107	retigabine.mp.	28	Advanced
108	riluzole.mp.	65	Advanced
109	ropizine.mp.	0	Advanced
110	rufinamide.mp.	33	Advanced
111	safinamide.mp.	2	Advanced
112	seletracetam.mp.	0	Advanced
113	sodium bromide.mp.	12	Advanced
114	stiripentol.mp.	14	Advanced
115	sultiame.mp.	5	Advanced
116	shosaikoto go keishikashakuyakuto.mp.	0	Advanced
117	saiko keishi to.mp.	1	Advanced
118	talampanel.mp.	5	Advanced
119	taltrimide.mp.	2	Advanced
120	tiagabine.mp.	126	Advanced
121	topiramate.mp.	465	Advanced
122	thiopental.mp.	1821	Advanced
123	tiletamine.mp.	0	Advanced

124	trimethadione.mp.	10	Advanced
125	valproic acid.mp.	776	Advanced
126	valproic acid derivative.mp.	0	Advanced
127	valproate magnesium.mp.	5	Advanced
128	valproate semisodium.mp.	31	Advanced
129	valpromide.mp.	15	Advanced
130	valroceamide.mp.	0	Advanced
131	vigabatrin.mp.	242	Advanced
132	zalepion.mp.	0	Advanced
133	zonisamide.mp.	71	Advanced
134	(drug adj2 (therap* or treatment? or interven*)).mp.	60369	Advanced
135	medication*.mp.	26647	Advanced
136	(dt or tu or th).fs.	214674	Advanced
137	or/9-136	264741	Advanced
138	8 and 137	435	Advanced
139	limit 138 to yr="2009 -Current"	76	Advanced
140	(2009* or 2010* or 2011* or 2012* or 2013*).up.	680935	Advanced
141	138 and 140	435	Advanced
142	139 or 141	435	Advanced

 EBM Reviews - Cochrane Central Register of Controlled Trials February 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	243	Advanced
2	(first adj4 seizure?).mp.	146	Advanced
3	((new or newly) adj4 seizure?).mp.	72	Advanced
4	(initial adj4 seizure?).mp.	42	Advanced
5	(early adj4 seizure?).mp.	54	Advanced
6	(primar* adj4 seizure?).mp.	92	Advanced
7	(de novo adj4 seizure?).mp.	0	Advanced
8	or/1-7	524	Advanced
9	Prognosis/	8380	Advanced
10	exp treatment outcome/	70176	Advanced
11	disease-free survival/	3364	Advanced
12	Medical Futility/	13	Advanced
13	nomograms/	19	Advanced
14	risk factors/	14207	Advanced
15	Risk Assessment/	4809	Advanced
16	risk reduction behavior/	608	Advanced
17	Recurrence/	10038	Advanced
18	prognos*.mp.	15026	Advanced
19	risk*.mp.	61330	Advanced
20	recurr*.mp.	24125	Advanced
21	or/9-20	141560	Advanced
22	8 and 21	256	Advanced
23	limit 22 to yr="2009 -Current"	47	Advanced
24	(2009* or 2010* or 2011* or 2012* or 2013*).up.	680935	Advanced
25	22 and 24	256	Advanced

EBM Reviews - Cochrane Database of Systematic Reviews 2005 to February 2013

#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	59	Advanced
2	(first adj4 seizure?).mp.	56	Advanced
3	((new or newly) adj4 seizure?).mp.	22	Advanced
4	(initial adj4 seizure?).mp.	13	Advanced
5	(early adj4 seizure?).mp.	19	Advanced
6	(primar* adj4 seizure?).mp.	43	Advanced
7	(de novo adj4 seizure?).mp.	1	Advanced
8	or/1-7	107	Advanced
9	antiepileptic*.mp.	142	Advanced
10	anti-epileptic*.mp.	32	Advanced
11	anticonvuls*.mp.	284	Advanced
12	anti-convuls*.mp.	30	Advanced
13	antiepilepsirine*.mp.	0	Advanced
14	1 methyl 1,2 diphenylethylamine.mp.	0	Advanced
15	2 isopropylvaleramide.mp.	0	Advanced
16	2 propyl 2 pentenoic acid.mp.	0	Advanced
17	2 propyl 4 pentenoic acid.mp.	0	Advanced
18	4 valproylaminobutyric acid.mp.	0	Advanced
19	5 benzylidenehydantoin.mp.	0	Advanced
20	10, 11 dihydro 10,11 dihydroxycarbamazepine.mp.	0	Advanced
21	carbamazepine 10,11 oxide.mp.	0	Advanced
22	SC 1001A.mp.	0	Advanced
23	abecarnil.mp.	2	Advanced
24	acetazolamide.mp.	34	Advanced
25	albutoin.mp.	0	Advanced
26	allomethadione.mp.	0	Advanced
27	ameltolide.mp.	0	Advanced
28	ascorbate magnesium.mp.	0	Advanced
29	barbexaclone.mp.	1	Advanced

30	beclamide.mp.	1	Advanced
31	benzobarbital.mp.	0	Advanced
32	brivaracetam.mp.	1	Advanced
33	bromides.mp.	0	Advanced
34	brosuximide.mp.	0	Advanced
35	calcium bromide.mp.	0	Advanced
36	carabersat.mp.	0	Advanced
37	caramiphen.mp.	0	Advanced
38	carbamazepine.mp.	148	Advanced
39	cinromide.mp.	2	Advanced
40	cyheptamide.mp.	0	Advanced
41	chlormethiazole.mp.	8	Advanced
42	clonazepam.mp.	71	Advanced
43	clorazepate dipotassium.mp.	4	Advanced
44	denzimol.mp.	0	Advanced
45	dextromethorphan.mp.	20	Advanced
46	dezinamide.mp.	0	Advanced
47	diazepam.mp.	150	Advanced
48	doxenitoin.mp.	0	Advanced
49	dimethadione.mp.	0	Advanced
50	endixaprine.mp.	1	Advanced
51	estazolam.mp.	19	Advanced
52	etazepine.mp.	0	Advanced
53	eterobarb.mp.	0	Advanced
54	ethotoin.mp.	3	Advanced
55	ethosuximide.mp.	19	Advanced
56	etriacetam.mp.	0	Advanced
57	fali lepsin.mp.	0	Advanced
58	felbamate.mp.	11	Advanced
59	fluoresone.mp.	0	Advanced
60	flunarizine.mp.	31	Advanced
61	fluzinamide.mp.	0	Advanced

62	fosphenytoin sodium.mp.	0	Advanced
63	gabapentin.mp.	109	Advanced
64	ganaxolone.mp.	1	Advanced
65	harkoseride.mp.	0	Advanced
66	imidazenil.mp.	1	Advanced
67	ladoxaprine.mp.	0	Advanced
68	lamotrigine.mp.	71	Advanced
69	lanicemine.mp.	0	Advanced
70	licarbazepine.mp.	1	Advanced
71	lorazepam.mp.	89	Advanced
72	loreclezole.mp.	0	Advanced
73	losigamone.mp.	1	Advanced
74	magnesium sulfate.mp.	46	Advanced
75	medazepam.mp.	22	Advanced
76	mephenytoin.mp.	4	Advanced
77	meph?barbital.mp.	7	Advanced
78	metharbital.mp.	1	Advanced
79	methylphenobarbital.mp.	1	Advanced
80	mesuximide.mp.	1	Advanced
81	milacemide.mp.	0	Advanced
82	nafimidone.mp.	0	Advanced
83	nitrazepam.mp.	30	Advanced
84	normephenytoin.mp.	0	Advanced
85	normesuximide.mp.	0	Advanced
86	oxcarbazepine.mp.	45	Advanced
87	paramethadione.mp.	2	Advanced
88	pazinaclone.mp.	1	Advanced
89	pentoxyverine.mp.	0	Advanced
90	phenacemide.mp.	2	Advanced
91	pheneturide.mp.	1	Advanced
92	phenobarbital.mp.	68	Advanced
93	phensuximide.mp.	1	Advanced

94	phenytoin.mp.	110	Advanced
95	potassium bromide.mp.	0	Advanced
96	pregabalin.mp.	56	Advanced
97	primidone.mp.	24	Advanced
98	progabide.mp.	6	Advanced
99	ralitoline.mp.	0	Advanced
100	remacemide.mp.	4	Advanced
101	retigabine.mp.	4	Advanced
102	riluzole.mp.	27	Advanced
103	ropizine.mp.	0	Advanced
104	rufinamide.mp.	7	Advanced
105	safinamide.mp.	1	Advanced
106	seletracetam.mp.	1	Advanced
107	sodium bromide.mp.	0	Advanced
108	stiripentol.mp.	3	Advanced
109	sultiame.mp.	2	Advanced
110	shosaikoto go keishikashakuyakuto.mp.	0	Advanced
111	saiko keishi to.mp.	0	Advanced
112	talampanel.mp.	1	Advanced
113	taltrimide.mp.	0	Advanced
114	tiagabine.mp.	32	Advanced
115	topiramate.mp.	67	Advanced
116	thiopental.mp.	21	Advanced
117	tiletamine.mp.	1	Advanced
118	trimethadione.mp.	2	Advanced
119	valproic acid.mp.	55	Advanced
120	valproic acid derivative.mp.	1	Advanced
121	valproate magnesium.mp.	0	Advanced
122	valproate semisodium.mp.	4	Advanced
123	valpromide.mp.	2	Advanced
124	valrocemide.mp.	0	Advanced
125	vigabatrin.mp.	32	Advanced

126	zalepion.mp.	0	Advanced
127	zonisamide.mp.	30	Advanced
128	(drug adj2 (therap* or treatment? or interven*)).mp.	3492	Advanced
129	medication*.mp.	3137	Advanced
130	or/9-129	4775	Advanced
131	8 and 130	102	Advanced
132	limit 131 to yr="2009 -Current"	73	Advanced
133	(2009* or 2010* or 2011* or 2012* or 2013*).up.	8007	Advanced
134	131 and 133	102	Advanced
135	131 or 134	102	Advanced
136	limit 135 to protocols	22	Advanced
137	135 not 136	80	Advanced

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#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	59	Advanced
2	(first adj4 seizure?).mp.	56	Advanced
3	((new or newly) adj4 seizure?).mp.	22	Advanced
4	(initial adj4 seizure?).mp.	13	Advanced
5	(early adj4 seizure?).mp.	19	Advanced
6	(primar* adj4 seizure?).mp.	43	Advanced
7	(de novo adj4 seizure?).mp.	1	Advanced
8	or/1-7	107	Advanced
9	prognos*.mp.	1316	Advanced
10	risk*.mp.	7366	Advanced
11	((treatment? or therap*) adj2 outcome?).mp.	2899	Advanced
12	(disease? adj2 survival?).mp.	282	Advanced
13	(medical* adj2 futilit*).mp.	1	Advanced
14	nomogram?.mp.	12	Advanced
15	recurr*.mp.	1932	Advanced
16	or/9-15	7416	Advanced
17	8 and 16	106	Advanced
18	limit 17 to yr="2009 -Current"	75	Advanced
19	(2009* or 2010* or 2011* or 2012* or 2013*).up.	7928	Advanced
20	17 and 19	106	Advanced
21	18 or 20	106	Advanced
22	limit 21 to protocols	23	Advanced
23	21 not 22	83	Advanced

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#	Searches	Results	Search Type
1	(onset adj4 seizure?).mp.	59	Advanced
2	(first adj4 seizure?).mp.	56	Advanced
3	((new or newly) adj4 seizure?).mp.	22	Advanced
4	(initial adj4 seizure?).mp.	13	Advanced
5	(early adj4 seizure?).mp.	19	Advanced
6	(primar* adj4 seizure?).mp.	43	Advanced
7	(de novo adj4 seizure?).mp.	1	Advanced
8	or/1-7	107	Advanced
9	(patient? adj2 satisfact*).mp.	798	Advanced
10	(patient? adj2 prefer*).mp.	531	Advanced
11	safet*.mp.	3232	Advanced
12	(patient? adj2 safet*).mp.	287	Advanced
13	((automobile? or car?) adj2 (drive* or driving)).mp.	36	Advanced
14	accident*.mp.	651	Advanced
15	(traffic adj2 safe*).mp.	21	Advanced
16	driving*.mp.	141	Advanced
17	educat*.mp.	1822	Advanced
18	(patient? adj2 educat*).mp.	378	Advanced
19	counsel*.mp.	818	Advanced
20	or/9-19	5119	Advanced
21	8 and 20	65	Advanced
22	(seizure? adj10 driving*).mp.	3	Advanced
23	21 or 22	65	Advanced
24	limit 23 to yr="2009 -Current"	48	Advanced
25	(2009* or 2010* or 2011* or 2012* or 2013*).up.	7928	Advanced
26	23 and 25	65	Advanced
27	24 or 26	65	Advanced
28	limit 26 to protocols	11	Advanced
29	27 not 28	54	Advanced

