

최신성 검색	편두통 지침
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KQ 1. Episodic migraine 환자에서 예방치료를 고려해야 하는 요인들(두통빈도, 두통강도, 환자의 선호도, ADL에 대한 영향 등)은 무엇인가?

KQ 2. 예방치료를 진행 중인 Episodic migraine 환자에서 치료의 중단은 어떻게 결정해야 하는가?

==>1,2 같이 검색

KQ 3. Episodic migraine 환자에서 예방치료로 베타차단제(beta blocker, propranolol 등)을 사용하는 것이 타약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 효과적인가?

KQ 4. Episodic migraine 환자에서 예방치료로 칼슘채널차단제(calcium channel blocker, flunarizine 등)을 사용하는 것이 타약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 효과적인가?

KQ 5. Episodic migraine 환자에서 예방치료로 안지오텐신전환효소억제제(angiotensin converting enzyme inhibitor)나 안지오텐신수용차단제(angiotensin receptor blocker; candersartan 등)를 사용하는 것이 타약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 효과적인가?

KQ 6. Episodic migraine 환자에서 예방치료로 항우울제(anti-depressant; amitryptiline 등)를 사용하는 것이 타약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 효과적인가?

KQ 7. Episodic migraine 환자에서 예방치료로 항경련제(anti-epileptic agent; divalproex sodium, sodium valproate, topiramate 등)를 사용하는 것이 타약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 효과적인가?

DB별 검색건수

	KQ1,2	KQ3	KQ4	KQ5	KQ6	KQ7
MEDLINE	164	16	16	6	52	61
EMBASE	284	230	146	30	316	485
Cochrane	43	14	3	10	72	53
중복제거후 합계	406	250	160	42	417	561

No	Population	Intervention	Comparator	Outcomes	keyword (약물목록참고)	
					Population	Intervention

1	Episodic migraine	예방치료	Consideration factors?	두통빈도, 두통강도, 환자의 선호도, ADL에 대한 영향 등	Episodic migraine Headache?	preventive intervention/treatment
2	Episodic migraine	예방치료	치료 지속?	치료의 중단	Episodic migraine Headache?	preventive intervention/treatment
3	Episodic migraine	예방치료: 베타차단제 등)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment (beta blocker, propranolol 등)
4	Episodic migraine	칼슘채널차단제 (calcium channel blocker, flunarizine 등)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment (calcium channel blocker, flunarizine 등)
5	Episodic migraine	안지오텐신전환효소억제제 (angiotensin converting enzyme inhibitor) 나 안지오텐신수용차단제 (angiotensin receptor blocker; candesartan 등)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment (angiotensin converting enzyme inhibitor/angiotensin receptor blocker; candesartan 등)
6	Episodic migraine	항우울제 (anti-depressant; amitryptiline 등)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment (anti-depressant; amitryptiline 등)
7	Episodic migraine	항경련제 (anti-epileptic agent; divalproex sodium, sodium valproate, topiramate 등)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment (anti-epileptic agent; divalproex sodium, sodium valproate, topiramate 등)

KQ 1, 2 검색 (예방치료를 고려해야 하는 요인들. 치료중단)

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색 결과
P	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	(prevent\$ and (treat\$ or intervention\$)).mp.	485602
P&I	6	4 and 5	1734
C,O	7	(consider\$ or factor\$ or variabl\$ or effect\$).mp	11014706
	8	6 and 7	1260
제한	9	limit 8 to yr="2012 -Current"	382
언어	10	limit 9 to (english or korean)	356
Filter(Systematic Review)	11	(Meta-Analysis as Topic/ or meta analy\$.tw. or metaanaly\$.tw. or Meta-Analysis/ or (systematic adj (review\$1 or overview\$1)).tw. or exp Review Literature as Topic/ or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or cancerlit.ab. or reference list\$.ab. or bibliograph\$.ab. or hand-search\$.ab. or relevant journals.ab. or manual search\$.ab. or ((selection criteria.ab. OR data extraction.ab.) AND Review/)) not (Comment/ or Letter/ or Editorial/ or (animal/ not (animal/ and human/)))	35 (253480)
Filter (RCT)	12	(Randomized Controlled Trials as Topic/ or randomized controlled trial/ or Random Allocation/ or Double Blind Method/ or Single Blind Method/ or clinical trial/ or clinical trial, phase i.pt. or clinical trial, phase ii.pt. or clinical trial, phase iii.pt. or clinical trial, phase iv.pt. or controlled clinical trial.pt. or randomized controlled trial.pt. or multicenter study.pt. or clinical trial.pt. or exp Clinical Trials as topic/ or (clinical adj trial\$).tw. or ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. or PLACEBOS/ or placebo\$.tw. or randomly allocated.tw. or (allocated adj2 random\$).tw.) not (case report.tw. or letter/ or historical article/)	133 (1495735)
Filter (Observational Studies)	13	Epidemiologic Studies/ or exp Case Control Studies/ or exp Cohort Studies/ or Case-control.tw. or (cohort adj (study or studies)).tw. or Cohort analy\$.tw. or (Follow up adj (study or studies)).tw. or (observational adj (study or studies)).tw. or Longitudinal.tw. or Retrospective.tw. or Cross sectional.tw. or Cross-sectional studies/	71 (2627777)
	14	or/11-13	188
		단순중복제거후	164

discontinuation 은 초록에 해당 단어가 없는 경우 빠질수 있을 것 같아서 추가하지 않았 습니다..

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	(prevent\$ and (treat\$ or intervention\$)).tw.	687922
P&I	6	4 and 5	3212
C,O	7	(consider\$ or factor\$ or variabl\$ or effect\$ or discountiu\$).tw.	10908650
	8	6 and 7	2275
제한	9	limit 8 to yr="2012 -Current"	1004
언어	10	limit 9 to (english or korean)	965
Filter(Systematic Review)	11	(exp Meta Analysis/ or ((meta adj analys\$) or metaanalys\$).tw.or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psychlit).ab.or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab.or selection criteria.ab.) and review.pt.)) not ((letter or editorial).pt. or (animal/ not (animal/ and human/)))	66 (313314)
Filter (RCT)	12	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR randomi?ed controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$).tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$).tw. OR placebo\$.tw. OR Prospective Study/) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	171 (1491421)
Filter (Observational Studies)	13	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw.OR (follow up adj (study or studies)).tw.OR (observational adj (study or studies)).tw.OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	141 (1935052)
	14	or/10-12	306
		단순중복제거후	153

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
I	5	#1 or #2 or #3 or #4	6638
P&I	6	prevent* and (treat* or intervention*).tiab	528
		#5 and #6	65
C,O	7	(consider* or factor* or variable* or effect* or discontinu*).tiab	678
제한	8	#7 and #8 Publication Year from 2012 to 2017	46
		SR만	43
		Trial만	0
		합계	43
		단순중복제거	

KQ 3 검색 (베타차단제(beta blocker, propranolol, Metoprolol, Timolol, Atenolol, Nadolol, Nebivolol, Pindolol 등)

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	Adrenergic beta-Antagonists/ or (beta?bloker\$ or propranolol or metopronol or timolol or atenolol or nadorol or nebivorol or pindorol).tw.	49276
	6	4 and 5	417
제한	7	limit 6 to yr="2012 -Current"	65
언어	8	limit 7 to (english or korean)	53
Filter(Systematic Review)	9	(Meta-Analysis as Topic/ or meta analy\$.tw. or metaanaly\$.tw. or Meta-Analysis/ or (systematic adj (review\$1 or overview\$1)).tw. or exp Review Literature as Topic/ or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or cancerlit.ab. or reference list\$.ab. or bibliograph\$.ab. or hand-search\$.ab. or relevant journals.ab. or manual search\$.ab. or ((selection criteria.ab. OR data extraction.ab.) AND Review/)) not (Comment/ or Letter/ or Editorial/ or (animal/ not (animal/ and human/)))	5 (253480)
Filter (RCT)	10	(Randomized Controlled Trials as Topic/ or randomized controlled trial/ or Random Allocation/ or Double Blind Method/ or Single Blind Method/ or clinical trial/ or clinical trial, phase i.pt. or clinical trial, phase ii.pt. or clinical trial, phase iii.pt. or clinical trial, phase iv.pt. or controlled clinical trial.pt. or randomized controlled trial.pt. or multicenter study.pt. or clinical trial.pt. or exp Clinical Trials as topic/ or (clinical adj trial\$).tw. or ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. or PLACEBOS/ or placebo\$.tw. or randomly allocated.tw. or (allocated adj2 random\$).tw.) not (case report.tw. or letter/ or historical article/)	14 (1495735)
Filter (Observational Studies)	11	Epidemiologic Studies/ or exp Case Control Studies/ or exp Cohort Studies/ or Case-control.tw. or (cohort adj (study or studies)).tw. or Cohort analy\$.tw. or (Follow up adj (study or studies)).tw. or (observational adj (study or studies)).tw. or Longitudinal.tw. or Retrospective.tw. or Cross sectional.tw. or Cross-sectional studies/	5 (2627777)
	12	or/9-11	17
		단순중복제거	16

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	beta adrenergic receptor blocking agent/ or propranolol/ or metopronol/ or timolol/ or atenolol/ or nebivolol/ or (beta?bloker\$ or propranolol or metopronol or timolol or atenolol or nadorol or nebivorol or pindorol).tw.	203532
P&I	6	4 and 5	3829
제한	7	limit 6 to yr="2012 -Current"	795
언어	8	limit 7 to (english or korean)	744
Filter(Systema tic Review)	9	(exp Meta Analysis/ or ((meta adj analy\$) or metaanalys\$).tw. or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab. or selection criteria.ab.) and review.pt.)) not ((letter or editorial).pt. or (animal/ not (animal/ and human/)))	51 (313314)
Filter (RCT)	10	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR randomi?ed controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$).tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$).tw. OR placebo\$.tw. OR Prospective Study/) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	151 (1491421)
Filter (Observ ational Studies)	11	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw. OR (follow up adj (study or studies)).tw. OR (observational adj (study or studies)).tw. OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	114 (1935052)
	12	or/9-11	249
		단순중복제거후	230

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
	5	#1 or #2 or #3 or #4	6638
I	6	MeSH descriptor: [Adrenergic beta-Antagonists] explode all trees	4506
	7	(beta blocker or propranolol or metoprolol or timolol or atenolol or nadolol or nebivolol or pindolol).tiab.	18
	8	#6 or #7	4524
P&I 제한	8	#5 and #7 Publication Year from 2012 to 2017	16
		SR만	5
		Trial만	9
		소계	14

KQ 4 검색 (칼슘채널차단제(calcium channel blocker, flunarizine 등))

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	(calcium adj3 blocker\$ or flunarizine or cinnarizine or verapamil or nifedipine).mp.	32484
	6	4 and 5	479
제한	7	limit 6 to yr="2012 -Current"	57
언어	8	limit 7 to (english or korean)	53
Filter(Systematic Review)	9	(Meta-Analysis as Topic/or meta analy\$.tw.or metaanaly\$.tw.or Meta-Analysis/or (systematic adj (review\$1 or overview\$1)).tw. or exp Review Literature as Topic/or cochrane.ab.or embase.ab.or (psychlit or psyclit).ab.or (psychinfo or psycinfo).ab.or (cinahl or cinhal).ab.or science citation index.ab. or bids.ab.or cancerlit.ab.or reference list\$.ab.or bibliograph\$.ab.or hand-search\$.ab.or relevant journals.ab.or manual search\$.ab.or ((selection criteria.ab. OR data extraction.ab.) AND Review/)) not (Comment/ or Letter/ or Editorial/ or (animal/ not (animal/ and human/)))	5 (253480)

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색 결과
Filter (RCT)	10	(Randomized Controlled Trials as Topic/ or randomized controlled trial/ or Random Allocation/ or Double Blind Method/ or Single Blind Method/ or clinical trial/ or clinical trial, phase i.pt. or clinical trial, phase ii.pt. or clinical trial, phase iii.pt. or clinical trial, phase iv.pt. or controlled clinical trial.pt. or randomized controlled trial.pt. or multicenter study.pt. or clinical trial.pt. or exp Clinical Trials as topic/ or (clinical adj trial\$.tw. or ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. or PLACEBO\$ or placebo\$.tw. or randomly allocated.tw. or (allocated adj2 random\$.tw.) not (case report.tw. or letter/ or historical article/)	14 (1495735)
Filter (Observational Studies)	11	Epidemiologic Studies/ or exp Case Control Studies/ or exp Cohort Studies/ or Case-control.tw. or (cohort adj (study or studies)).tw. or Cohort analy\$.tw. or (Follow up adj (study or studies)).tw. or (observational adj (study or studies)).tw. or Longitudinal.tw. or Retrospective.tw. or Cross sectional.tw. or Cross-sectional studies/	5 (2627777)
	12	or/11-13	17
		단순중복제거	16

MEDLINE은 KQ3, • KQ4 결과가 같습니다.

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색 결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	calcium channel blocking agent/ or flunarizine/ or cinnarizine/ or verapamil/ or nicardipine or (calcium adj3 blocker\$ or flunarizine or cinnarizine or verapamil or nicardipine).tw.	113034
P&I	6	4 and 5	2894
제한	7	limit 6 to yr="2012 -Current"	539
언어	8	limit 7 to (english or korean)	526
Filter (Systematic Review)	9	(exp Meta Analysis/ or ((meta adj analy\$) or metaanalys\$.tw. or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab. or selection criteria.ab.) and review.pt.)) not (((letter or editorial).pt. or (animal/ not (animal/ and human/))))	35 (313314)
Filter (RCT)	10	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR randomized controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$.tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$.tw. OR placebo\$.tw. OR Prospective Study/)) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	88 (1491421)

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
Filter (Observational Studies)	11	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw. OR (follow up adj (study or studies)).tw. OR (observational adj (study or studies)).tw. OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	67 (1935052)
	12	or/9-11	155
		단순중복제거후	146

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
	5	#1 or #2 or #3 or #4	6638
I	6	(calcium blocker or flunarizine or cinnarizine or verapamil or nicardipine).tiab.	14
P&I 제한	8	#5 and #6 Publication Year from 2012 to 2017	3
		SR만	3
		Trial	0
		소계	3

KQ 5 검색 (angiotensin converting enzyme inhibitor, angiotensin receptor blocker, candersartan, lisinopril 등)

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색결과
P	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	Angiotensin-Converting Enzyme Inhibitors/ or Angiotensin Receptor Antagonists/ or Lisinopril/ or (candersartan or lisinopril).mp	38136
	6	4 and 5	42
제한	7	limit 6 to yr="2012 -Current"	10
언어	8	limit 7 to (english or korean)	7
		단순중복제거 후	6

검색건수가 적어서, 연구설계 필터를 걸지 않음

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	angiotensin receptor antagonist/ or candersartan/ or lisinopril/ or (angiotensin converting enzyme inhibitor or angiotensin receptor blocker or candersartan or lisinopril).tw.	54835
P&I	6	4 and 5	243
제한	7	limit 6 to yr="2012 -Current"	85
언어	8	limit 7 to (english or korean)	84
Filter(Systematic Review)	9	(exp Meta Analysis/ or ((meta adj analys\$) or metaanalys\$).tw. or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab. or selection criteria.ab.) and review.pt.)) not ((letter or editorial).pt. or (animal/ not (animal/ and human/)))	9 (313314)

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
Filter (RCT)	10	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR randomi?ed controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$).tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$).tw. OR placebo\$.tw. OR Prospective Study/) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	22 (1491421)
Filter (Observational Studies)	11	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw. OR (follow up adj (study or studies)).tw. OR (observational adj (study or studies)).tw. OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	15 (1935052)
	12	or/9-11	34
		단순중복제거후	30

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
	5	#1 or #2 or #3 or #4	6638
	6	Angiotensin-Converting Enzyme Inhibitors	3961
	7	Angiotensin Receptor Antagonists	2005
	8	Lisinopril	563
I	9	(candesartan or lisinopril).tiab.	0
	10	#6 or #7 or #8 or #9	5470
P&I 제한	11	#5 and #10 Publication Year from 2012 to 2017	10
		SR만	7
		Trial	3
		소계	10

KQ 6 검색 (항우울제(anti-depressant; amitryptiline, nortriptyline, Venlafaxine, Fluoxetine 등))

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23.Medline			
구분	연번	검색어	검색결과

검색일: 2017.10.23.Medline			
구분	연번	검색어	검색결과
P	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	Antidepressive Agents/ or Amitriptyline/ or Nortriptyline/ or Venlafaxine Hydrochloride/ or Fluoxetine/ or (anti-depressant or Amitriptyline or Nortriptyline or Venlafaxine or Fluoxetine).mp.	63565
	6	4 and 5	481
제한	7	limit 6 to yr="2012 -Current"	119
언어	8	limit 7 to (english or korean)	109
Filter(Systematic Review)	9	(Meta-Analysis as Topic/ or meta analy\$.tw. or metaanaly\$.tw. or Meta-Analysis/ or (systematic adj (review\$1 or overview\$1)).tw. or exp Review Literature as Topic/ or cochrane.ab. or embase.ab. or (psychlit or psychlit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or cancerlit.ab. or reference list\$.ab. or bibliograph\$.ab. or hand-search\$.ab. or relevant journals.ab. or manual search\$.ab. or ((selection criteria.ab. OR data extraction.ab.) AND Review/)) not (Comment/ or Letter/ or Editorial/ or (animal/ not (animal/ and human/)))	10 (253480)
Filter (RCT)	10	(Randomized Controlled Trials as Topic/ or randomized controlled trial/ or Random Allocation/ or Double Blind Method/ or Single Blind Method/ or clinical trial/ or clinical trial, phase i.pt. or clinical trial, phase ii.pt. or clinical trial, phase iii.pt. or clinical trial, phase iv.pt. or controlled clinical trial.pt. or randomized controlled trial.pt. or multicenter study.pt. or clinical trial.pt. or exp Clinical Trials as topic/ or (clinical adj trial\$).tw. or ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. or PLACEBOS/ or placebo\$.tw. or randomly allocated.tw. or (allocated adj2 random\$).tw.) not (case report.tw. or letter/ or historical article/)	40 (1495735)
Filter (Observational Studies)	11	Epidemiologic Studies/ or exp Case Control Studies/ or exp Cohort Studies/ or Case-control.tw. or (cohort adj (study or studies)).tw. or Cohort analy\$.tw. or (Follow up adj (study or studies)).tw. or (observational adj (study or studies)).tw. or Longitudinal.tw. or Retrospective.tw. or Cross sectional.tw. or Cross-sectional studies/	29 (2627777)
	12	or/9-11	60
		단순중복제거	52

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	antidepressant agent/ or amitriptyline/ or nortriptyline/ or Venlafaxine/ or Fluoxetine/ or (anti?depressant\$ or amitriptyline or nortriptyline or Venlafaxine or Fluoxetine).tw.	171525
P&I	6	4 and 5	3776
제한	7	limit 6 to yr="2012 -Current"	1034
언어	8	limit 7 to (english or korean)	1017

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
Filter (Systematic Review)	9	(exp Meta Analysis/ or ((meta adj analy\$) or metaanalys\$).tw.or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab.or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab.or selection criteria.ab.) and review.pt.)) not ((letter or editorial).pt. or (animal/ not (animal/ and human/)))	61 (313314)
Filter (RCT)	10	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR randomi?ed controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$).tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$).tw. OR placebo\$.tw. OR Prospective Study/) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	191 (1491421)
Filter (Observational Studies)	11	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw.OR (follow up adj (study or studies)).tw.OR (observational adj (study or studies)).tw.OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	173 (1935052)
	12	or/9-11	340
		단순중복제거후	316

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
	5	#1 or #2 or #3 or #4	6638
	6	Antidepressive Agents	5670
	7	Amitriptyline	1085
	8	Nortriptyline	405
	9	Venlafaxine Hydrochloride	477
	10	Fluoxetine	1284
I	11	(anti-depressant or Amitriptyline or Nortriptyline or Venlafaxine or Fluoxetine).tiab.	25
	12	#6 or #7 or #8 or #9 or #10 or #11	7373
P&I 제한	11	#5 and #12	73
		Publication Year from 2012 to 2017	
		SR만	48
		Trial	24
		소계	72

KQ 7 검색 (항경련제(divalproex sodium, sodium valproate, topiramate, Carbamazepine, Gabapentin 등)

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

검색일: 2017.10.23. Medline			
구분	연번	검색어	검색결과
P	1	Episodic Migraine.mp	682
	2	Migraine Disorders/	24918
	3	Headache Disorders/ or severe headache.mp	4892
	4	or/1-3	29147
I	5	Anticonvulsants/ or (anti?epileptic agent\$ or divalproex sodium or sodium valproate or topiramate or Carbamazepine or Gabapentin).mp.	65270
	6	4 and 5	734
제한	7	limit 6 to yr="2012 -Current"	162
언어	8	limit 7 to (english or korean)	149
Filter(Systematic Review)	9	(Meta-Analysis as Topic/ or meta analy\$.tw. or metaanaly\$.tw. or Meta-Analysis/ or (systematic adj (review\$1 or overview\$1)).tw. or exp Review Literature as Topic/ or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab. or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or cancerlit.ab. or reference list\$.ab. or bibliograph\$.ab. or hand-search\$.ab. or relevant journals.ab. or manual search\$.ab. or ((selection criteria.ab. OR data extraction.ab.) AND Review/)) not (Comment/ or Letter/ or Editorial/ or (animal/ not (animal/ and human/)))	14 (253480)
Filter (RCT)	10	(Randomized Controlled Trials as Topic/ or randomized controlled trial/ or Random Allocation/ or Double Blind Method/ or Single Blind Method/ or clinical trial/ or clinical trial, phase i.pt. or clinical trial, phase ii.pt. or clinical trial, phase iii.pt. or clinical trial, phase iv.pt. or controlled clinical trial.pt. or randomized controlled trial.pt. or multicenter study.pt. or clinical trial.pt. or exp Clinical Trials as topic/ or (clinical adj trial\$).tw. or ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. or PLACEBOS/ or placebo\$.tw. or randomly allocated.tw. or (allocated adj2 random\$).tw.) not (case report.tw. or letter/ or historical article/)	43 (1495735)
Filter (Observational Studies)	11	Epidemiologic Studies/ or exp Case Control Studies/ or exp Cohort Studies/ or Case-control.tw. or (cohort adj (study or studies)).tw. or Cohort analy\$.tw. or (Follow up adj (study or studies)).tw. or (observational adj (study or studies)).tw. or Longitudinal.tw. or Retrospective.tw. or Cross sectional.tw. or Cross-sectional studies/	28 (2627777)
	12	or/9-11	66
		단순중복제거 후	61

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과

검색일: 2017.10.23. Embase			
구분	연번	검색어	검색결과
P I	1	Episodic Migraine.mp	1593
	2	Migraine/	47589
	3	Headache Disorders/ or severe headache.mp	4499
	4	or/1-3	51703
I	5	anticonvulsive agent/ or valproic acid/ or topiramate/ or Carbamazepine/ or Gabapentin/ or (anti?epileptic agent\$ or divalproex sodium or sodium valproate or topiramate or Carbamazepine or Gabapentin).tw.	161522
P&I	6	4 and 5	5319
제한	7	limit 6 to yr="2012 -Current"	1827
언어	8	limit 7 to (english or korean)	1789
Filter(Systematic Review)	9	(exp Meta Analysis/ or ((meta adj analy\$) or metaanalys\$).tw.or (systematic adj (review\$1 or overview\$1)).tw. or cancerlit.ab. or cochrane.ab. or embase.ab. or (psychlit or psyclit).ab.or (psychinfo or psycinfo).ab. or (cinahl or cinhal).ab. or science citation index.ab. or bids.ab. or reference lists.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or bibliograph\$.ab. or hand-search\$.ab. or manual search\$.ab. or relevant journals.ab. or ((data extraction.ab.or selection criteria.ab.) and review.pt.)) not ((letter or editorial).pt. or (animal/ not (animal/ and human/)))	101 (313314)
Filter (RCT)	10	(Clinical Trial/ OR Randomized Controlled Trial/ OR controlled clinical trial/ OR multicenter study/ OR Phase 3 clinical trial/ OR Phase 4 clinical trial/ OR exp RANDOMIZATION/ OR Single Blind Procedure/ OR Double Blind Procedure/ OR Crossover Procedure/ OR PLACEBO/ OR random?ed controlled trial\$.tw. OR rct.tw. OR (random\$ adj2 allocat\$).tw. OR single blind\$.tw. OR double blind\$.tw. OR ((treble or triple) adj blind\$).tw. OR placebo\$.tw. OR Prospective Study/) not (Case Study/ OR case report.tw. OR abstract report/ or letter/ OR Conference proceeding.pt. OR Conference abstract.pt. OR Editorial.pt. OR Letter.pt. OR Note.pt.)	306 (1491421)
Filter (Observational Studies)	11	Clinical study/ OR Case control study OR Family study/ OR Longitudinal study/ OR Retrospective study OR (Prospective study/ not Randomized controlled trials/) OR Cohort analysis/ OR (Cohort adj (study or studies)).mp. OR (Case control adj (study or studies)).tw.OR (follow up adj (study or studies)).tw.OR (observational adj (study or studies)).tw.OR (epidemiologic\$ adj (study or studies)).tw. OR (cross sectional adj (study or studies)).tw.	258 (1935052)
	12	or/9-11	527
		단순중복제거후	485

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
P	1	Episodic Migraine	280
	2	MeSH descriptor: [Migraine Disorders] explode all trees	1928
	3	MeSH descriptor: [Headache Disorders] explode all trees	2376
	4	severe headache	4575
	5	#1 or #2 or #3 or #4	6638

검색일: 2017.10.24. Cochrane			
구분	연번	검색어	검색결과
	6	Anticonvulsants	2344
I	7	(anti-epileptic agent* or divalproex sodium or sodium valproate or topiramate or Carbamazepine or Gabapentin).tiab.	30
	8	#6 or #7	2368
P&I 제한	9	#5 and #8 Publication Year from 2012 to 2017	54
		SR만	38
		Trial	15
		소계	53