

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?

KQ 8(New). 성인 삽화편두통 환자에서 예방치료로 CGRP 단클론항체(monoclonal antibody)를 사용하는 것이 타 약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 도움이 되는가?

KQ 1-7은 2017년 1월부터 최근문헌까지 검색했고, KQ8은 새로 검색했습니다.

DB별 검색건수 (KoreaMed 별도 검색 시 31건: (Episodic Migraine[All])만 검색)

	KQ1,2	KQ3	KQ4	KQ5	KQ6	KQ7	KQ8
Ovid-MEDLINE	192	15	29	6	29	61	120
Ovid-EMBASE	300	65	61	30	99	100	181
Cochrane	75	5	3	4	8	5	27
소계	567	85	93	40	136	166	328
중복제거후	434	80	77	33	126	151	229

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: 베타차단제등)	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	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine Headache?	preventive intervention/treatment(anti-epileptic agent; divalproex sodium, sodium valproate, topiramate

		valproate, topiramate 등)				
8	Episodic migraine	CGRP단클론항체 (CGRP monoclonal antibodies: Erenumab, Fremanezumab, Galcanezumab, Eptinezumab)	타약제, 위약 또는 치료하지 않는 것	두통의 완화	Episodic migraine	preventive intervention/treatment(CGRP monoclonal antibodies: Erenumab, Fremanezumab, Galcanezumab, Eptinezumab)

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: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색 결과
P	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).tw	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
I	5	(prevent* and (treat* or intervention*)).tw.	926328
P&I	6	4 and 5	842
제한	7	<b>limit 6 to yr="2017 -Current"</b>	287
SIGN Filter (Systematic Review)	8	(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/)))	<b>39</b> (348107)
SIGN Filter (RCT)	9	(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/)	<b>157</b> (1601131)
SIGN Filter (Observational Studies)	10	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 <a href="#">Cross sectional.tw. or Cross-sectional studies/</a>	<b>47</b> (3015677)
	11	or/8-10	192
		단순중복제거후	

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	Migraine/	54851
	3	Headache Disorders/ or (headache or migraine).tw	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128
I	5	(prevent* and (treat* or intervention*)).tw.	856234
P&I	6	4 and 5	1852
제한	7	limit 6 to yr="2017 -Current"	806
Filter( Systema tic Review)	8	(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/)))	<b>65</b> (442361)
Filter (RCT)	9	(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.)	<b>159</b> (1731037)
Filter (Observational Studies )	10	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.	<b>153</b> (1935052)
	13	or/10-12	300

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P I	1	(Episod* Migraine*)	1193
	2	<a href="#">[mh "Migraine Disorders"]</a>	2587
	3	[mh "Headache Disorders"]	3255
	4	(headache OR migraine)	34869
I	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
P&I	6	prevent* NEXT/2 (treat* or intervention*)	13789
	7	#5 and #6	198
제한	8	Publication Year from 2017 to 2020	90
		SR만	75
		Trial만	0
		합계	75
		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: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).tw	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
I	5	exp Adrenergic beta-Antagonists/ or (beta-blocker* or beta blocker* or propranolol or metopronol or timolol or atenolol or nadorol or nebivorol or pindorol).mp	100433
	6	4 and 5	130
제한	7	limit 6 to yr="2017 -Current"	15

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	<a href="#">Migraine/</a>	54851
	3	Headache Disorders/ or (headache or migraine).tw	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128
I	5	beta adrenergic receptor blocking agent/ or propranolol/ or metopronol/ or timolol/ or atenolol/ or nebivolol/ or (beta-blocker* or beta blocker* or propranolol or metopronol or timolol or atenolol or nadorol or nebivorol or pindorol).tw.	203532
P&I	6	4 and 5	705
제한	7	<a href="#">limit 6 to yr="2017 -Current"</a>	169
Filter( Systema tic Review)	8	(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/)))	<b>13</b> (442361)
Filter (RCT)	9	(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.)	<b>35</b> (1731037)
Filter (Observ ational Studies )	10	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 <a href="#">(cross sectional adj (study or studies)).tw.</a>	<b>36</b> (2771008)
	11	or/8-10	65
		단순중복제거후	65



검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P	1	(Episod* Migraine*)	1193
	2	[mh "Migraine Disorders"]	2587
	3	[mh "Headache Disorders"]	3255
	4	(headache OR migraine)	34869
	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
I	6	[mh "Adrenergic beta-Antagonists"]	4522
	7	(beta blocker or propranolol or metoprolol or timolol or atenolol or nadolol or nebivolol or pindolol).tiab.	1193
	8	#6 or #7	5712
P&I 제한	9	#5 and #8 Publication Year from 2017 to 2020	6
		SR만	4
		Trial만	1
		소계	5

#### 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: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).tw	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
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="2017 -Current"	29

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	<a href="#">Migraine/</a>	54851
	3	Headache Disorders/ or (headache or migraine).tw	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128
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.	129366
P&I	6	4 and 5	740
제한	7	<a href="#">limit 6 to yr="2017 -Current"</a>	165
Filter( Systema tic Review)	8	(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 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/)))	<b>9</b> (442361)
Filter (RCT)	9	(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.)	<b>33</b> (1731037)
Filter (Observ ational Studies )	10	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 <a href="#">(cross sectional adj (study or studies)).tw.</a>	<b>34</b> (2771008)
	11	or/8-10	61
		단순중복제거후	61

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P	1	(Episod* Migraine*)	1193
	2	<a href="#">[mh "Migraine Disorders"]</a>	2587
	3	<a href="#">[mh "Headache Disorders"]</a>	3255
	4	(headache OR migraine)	34869
	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
I	6	("calcium blocker" OR flunarizine OR cinnarizine OR verapamil OR nicardipine).tiab.	1190
P&I 제한	7	#5 and #6	7

검색일: 2020.7.13. Cochrane Library			
구분	연 번	검색어	검색 결과
연도 제한	8	Publication Year from 2017 to 2020	4
		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: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색결과
P	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).mp	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
I	5	exp Angiotensin-Converting Enzyme Inhibitors/ or exp Angiotensin Receptor Antagonists/ or exp Lisinopril/ or (candersartan or lisinopril).mp	59336
	6	4 and 5	22
제한	7	limit 6 to yr="2017 -Current"	6

검색건수가 적어서, 연구설계 필터를 걸지 않음

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	Migraine/	54851
	3	Headache Disorders/ or (headache or migraine).mp	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128
I	5	angiotensin receptor antagonist/ or candersartan/ or lisinopril/ or (angiotensin converting enzyme inhibitor or angiotensin receptor blocker or candersartan or lisinopril).tw.	62603
P&I	6	4 and 5	73
제한	7	limit 6 to yr="2017 -Current"	30

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P	1	(Episod* Migraine*)	1193
	2	[mh "Migraine Disorders"]	2587
	3	[mh "Headache Disorders"]	3255
	4	(headache OR migraine)	34869
	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
	6	[mh "Angiotensin-Converting Enzyme Inhibitors"]	3984

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
	7	[mh "Angiotensin Receptor Antagonists"]	2005
	8	[mh Lisinopril]	640
I	9	(candesartan OR lisinopril).tiab.	1189
	10	{OR #6-#9}	6872
P&I	11	#5 AND #10	9
연도제한		Publication Year from 2017 to 2020	5
		SR만	3
		Trial	1
		소계	4

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

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

검색일: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색결과
P	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).mp	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
I	5	exp Antidepressive Agents/ or Amitriptyline/ or Nortriptyline/ or Venlafaxine Hydrochloride/ or Fluoxetine/ or (anti-depressant or Amitriptyline or Nortriptyline or Venlafaxine or Fluoxetine).mp.	154626
	6	4 and 5	218
제한	7	limit 6 to yr="2017 -Current"	29

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	Migraine/	54851
	3	Headache Disorders/ or (headache or migraine).mp	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128
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	930
제한	7	limit 6 to yr="2017 -Current"	235
Filter( Systematic Review)	8	(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/)))	14 (442361)
Filter (RCT)	9	(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.)	44 (1731037)

검색일: 2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
Filter (Observational Studies)	10	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.	<b>64</b> (2771008)
	11	or/8-10	99
		단순중복제거후	99

검색일:2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P	1	(Episod* Migraine*)	1193
	2	[mh "Migraine Disorders"]	2587
	3	[mh "Headache Disorders"]	3255
	4	(headache OR migraine)	34869
	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
	6	[mh "Antidepressive Agents"]	5696
	7	[mh Amitriptyline]	1178
	8	[mh Nortriptyline]	446
	9	[mh "Venlafaxine Hydrochloride"]	673
	10	[mh Fluoxetine]	1436
I	11	(anti?depress* or Amitriptyline or Nortriptyline or Venlafaxine or Fluoxetine).tiab.	1189
	12	#6 OR #7 OR #8 OR #9 OR #10 OR #11	8926
P&I	11	#5 AND #12	23
연도 제한		Publication Year from 2017 to 2020	9
		SR만	4
		Trial	4
		소계	8

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

KQ 8. 성인 삽화편두통 환자에서 예방치료로 CGRP 단클론항체(monoclonal antibody)를 사용하는 것이 타 약제, 위약 또는 치료하지 않는 것에 비해 두통의 완화에 도움이 되는가? (CGRP monoclonal antibodies: Erenumab, Fremanezumab, Galcanezumab, Eptinezumab ) NEW

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

to Present

검색일: 2020.7.13. Ovid-Medline			
구분	연번	검색어	검색결과
P	1	Episod* Migraine*.mp	1057
	2	Migraine Disorders/	25178
	3	Headache Disorders/ or (headache or migraine).mp	90443
	4	1 OR ((2 OR 3) AND episod*.tw)	5686
I-7	5	exp Anticonvulsants/ or (anti?epileptic agent* or divalproex sodium or sodium valproate or topiramate or Carbamazepine or Gabapentin).mp.	65270
I-8	6	exp Calcitonin Gene-Related Peptide/ OR (CGRP monoclonal antibod* OR Erenumab OR Fremanezumab OR Galcanezumab OR Eptinezumab).mp	149400
KQ7	7	4 and 5	410
제한	8	limit 7 to yr="2017 -Current"	61
KQ8	9	<a href="#">4 and 6</a>	177
SIGN Filter (Systematic Review)	10	(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/)))	<b>17</b> (348107)
SIGN Filter (RCT)	11	(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/)	111 (1601131)
SIGN Filter (Observational Studies)	12	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 <a href="#">Cross sectional.tw. or Cross-sectional studies/</a>	13 (3015677)
	13	or/10-12	4403266
KQ8최종	14	8 and 13	120

검색일:2020.7.13. Ovid- <a href="#">Embase</a>			
구분	연번	검색어	검색결과
P I	1	Episod* Migraine*.mp	2846
	2	<a href="#">Migraine/</a>	54851
	3	Headache Disorders/ or (headache or migraine).mp	140053
	4	1 OR ((2 OR 3) AND episod*.tw)	13128



검색일:2020.7.13. Ovid-Embase			
구분	연번	검색어	검색결과
I-7	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.	182732
I-8	6	erenumab/ OR fremanezumab/ OR galcanezumab/ OR eptinezumab/ OR (CGRP monoclonal antibod* OR Erenumab OR Fremanezumab OR Galcanezumab OR Eptinezumab).tw	1123
KQ7	7	4 and 5	5319
KQ7 제한	8	limit 6 to yr="2017 -Current"	329
KQ8	9	4 and 6	578
Filter( Systematic Review)	10	(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 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/)))	(442361)
Filter (RCT)	11	(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.)	(1731037)
Filter (Observational Studies)	12	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.	(2771008)
	13	or/10-12	527
KQ7최종	14	8 and 13	100
KQ8최종	15	9 and 13	181

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
P	1	(Episod* Migraine*)	1193
	2	[mh "Migraine Disorders"]	2587
	3	[mh "Headache Disorders"]	3255
	4	(headache OR migraine)	34869
	5	#1 OR ((#2 OR #3 OR #4) AND episod*.tiab)	1193
	6	[mh Anticonvulsants]	2344

검색일: 2020.7.13. Cochrane Library			
구분	연번	검색어	검색결과
I	7	("anti-epileptic agent*" OR "divalproex sodium" OR "sodium valproate" OR topiramate OR Carbamazepine OR Gabapentin).tiab.	1189
I-7	8	#6 OR #7	3559
	9	[mh "Calcitonin Gene-Related Peptide"]	319
I-8	10	(CGRP monoclonal antibod* OR Erenumab OR Fremanezumab OR Galcanezumab OR Eptinezumab).tiab.	1189
	11	#9 OR #10	1508
KQ7	12	#5 AND #8	20
		Publication Year from 2017 to 2020	6
		SR	4
		Trial	1
		소계	5
KQ8	13	#5 and #11	28
		SR	6
		Trial	21
		소계	27