

Guideline topic: Migraine

General comments

Search coverage

Patient searches

The patient search was conducted using the search strategy outlined below in conjunction with the patient search filter.

Date searched: **09/05/2016**

Databases covered: medline, embase, CINAHL, PsychInfo, Psychology and behavioural sciences collection.

Total result:2057

Dates 2011-2016

Sifted result:

Search strategies

The following are listings of the main Medline strategies used for this guideline. All conventions and symbols are from the Ovid implementation of Medline. Strategies used in other databases were substantially the same, though different terminology may have been used to take account of different thesauri used in non-Medline databases. Search filters were added to identify studies of a particular type (systematic review, RCT etc.) Listings of the search filters used by SIGN can be found on the SIGN Web site.

Patient & Generic Stem:

Generic stem

- 1 exp Migraine Disorders/
- 2 migrain\$.ti,ab.
- 3 1 or 2

Systematic review search.

Stem + SIGN Review Filter, 2007-May 2016 English Only.

Medline = 474

Embase, medline results excluded = 74

Cochrane = 189

DARE = 76

HTA = 35

Total after deduplication = 824

Sifted = 310

RCT search

Stem + Cochrane HSSS_SP Filter, 2007-2016, English only

Medline = 1492

Embase = 463

Cochrane CENTRAL = 1282

Total after deduplication = 3085

Economics Search

Stem + SIGN Economics filter, 2010-June 2016, English Only

NEED (up to 2014) = 54

Medline = 243

Embase = 95

RePEc = 1

Medline Search strategies used for specific key questions:

KQ1d Aspirin + paracetamol

- 1 exp Migraine Disorders/ (23835)
- 2 migrain\$.ti,ab. (28953)
- 3 1 or 2 (33145)
- 4 Aspirin/ (41261)
- 5 aspirin.ti,ab. (42143)
- 6 4 or 5 (59972)
- 7 Acetaminophen/ (15736)
- 8 (paracetamol or acetaminophen).ti,ab. (20422)
- 9 7 or 8 (23768)
- 10 3 and 6 and 9 (102)

Medline = 102

Embase, medline journals excluded = 323

Deduplicated = 421

Sifted = 10

KQ1d NSAIDs + Triptans

- 1 exp Migraine Disorders/ (24810)
- 2 migrain\$.ti,ab. (30302)
- 3 1 or 2 (34609)
- 4 Anti-Inflammatory Agents, Non-Steroidal/ (62514)
- 5 ibuprofen.ti,ab. (11521)
- 6 aspirin.ti,ab. (44506)
- 7 diclofenac.ti,ab. (9801)
- 8 naproxen.ti,ab. (5538)
- 9 tolfenamic.ti,ab. (313)
- 10 flurbiprofen.ti,ab. (2219)
- 11 or/4-10 (116715)
- 12 almotriptan.ti,ab. (247)
- 13 eletriptan.ti,ab. (230)
- 14 frovatriptan.ti,ab. (173)
- 15 naratriptan.ti,ab. (278)
- 16 rizatriptan.ti,ab. (427)
- 17 sumatriptan.ti,ab. (2608)
- 18 zolmitriptan.ti,ab. (496)
- 19 or/12-18 (3432)
- 20 3 and 11 and 19 (292)
- 21 limit 20 to (english language and yr="2008 -Current") (148)

Medline = 148

Embase, medline journals excluded = 16

Deduplicated = 137

Sifted = 15

KQ1d Triptans and paracetamol

- 1 exp Migraine Disorders/ (25750)
- 2 migrain\$.ti,ab. (31367)
- 3 1 or 2 (35851)
- 4 Acetaminophen/ (17678)
- 5 (paracetamol or acetaminophen).ti,ab. (22727)
- 6 4 or 5 (26389)
- 7 almotriptan.ti,ab. (251)
- 8 eletriptan.ti,ab. (234)
- 9 frovatriptan.ti,ab. (177)
- 10 naratriptan.ti,ab. (288)
- 11 rizatriptan.ti,ab. (440)
- 12 sumatriptan.ti,ab. (2678)
- 13 zolmitriptan.ti,ab. (510)
- 14 or/7-13 (3522)
- 15 3 and 6 and 14 (97)
- 16 limit 15 to (english language and yr="2008 -Current") (47)

Medline = 47

Embase, medline journals excluded = 5

Deduplicated = 46

Sifted = 4

KQ1e Antiemetics

- 1 exp Migraine Disorders/ (54299)
- 2 migrain\$.ti,ab. (42776)
- 3 1 or 2 (58048)
- 4 domperidone.ti,ab. (2848)
- 5 metoclopramide.ti,ab. (7147)
- 6 prochlorperazine.ti,ab. (916)
- 7 or/4-6 (10263)
- 8 3 and 7 (431)
- 9 limit 8 to (english language and yr="2008 -Current") (192)

Medline = 192

Embase, medline journals excluded = 20

Deduplicated = 176

Sifted = 21

KQ2c/4c

- 1 exp Migraine Disorders/ (23753)
- 2 migrain\$.ti,ab. (28829)
- 3 1 or 2 (33016)
- 4 transcutaneous magnetic stimulation.mp. (21)
- 5 Transcranial Magnetic Stimulation/ (8910)
- 6 transcranial magnetic stimulation.tw. (11028)
- 7 or/4-6 (12920)
- 8 3 and 7 (175)
- 9 limit 8 to (english language and yr="2007 -Current") (122)

Medline = 122

Embase, medline journals excluded = 31

Total after deduplication = 147

Sifted = 47

KQ5

- 1 Headache Disorders, Secondary/ (432)
- 2 (medication overuse adj4 headache).tw. (599)
- 3 1 or 2 (807)
- 4 limit 3 to (english language and yr="2007 -Current") (606)

Medline = 598

Embase, medline journals excluded = 76

Total after deduplication - 567

Sifted = 71