

Appendix A: Literature search strategies

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Introduction

Search strategies used for the **headache guideline** were run in accordance with the NICE Guidelines Manual 2009¹. All searches were run up to **13 March 2012** unless otherwise stated. Any studies added to the databases after this date were not included unless specifically stated in the text.

Scoping searches

Scoping searches were conducted in September 2010 using the following websites and databases (listed below in alphabetical order). Browsing or simple search strategies were employed. The search results were used to provide information for scope development and project planning.

Guidelines	Website address
British Association for the Studies of Headache (BASH)	www.bash.org.uk/
CMA Infobase (Canadian guidelines)	www.cma.ca/cpgs
European Federation of Neurological Societies	www.efns.org/
Guidelines International Network	www.g-i-n.net/
Health Technology Assessments	www.crd.york.ac.uk/
International Headache Society	www.ihs-headache.org/
National Guidelines Clearinghouse	www.guideline.gov/
New Zealand Guidelines Group	www.nzgg.org.nz/
NHMRC (Australian Guidelines)	http://www.nhmrc.gov.au/guidelines/
NICE Guidelines	http://guidance.nice.org.uk/
Scottish Intercollegiate Guidelines Network	www.sign.ac.uk/
Specialist Organisations (not listed above)	Various
Reviews, clinical evidence sources, economic evaluations	Website address
BMJ Clinical Evidence	clinicalevidence.bmj.com/
Cochrane Library (Systematic Reviews)	www.thecochranelibrary.com/
NHS Evidence	www.nelh.nhs.uk/
Other sources as agreed by reviewers	Website address
British National Formulary (BNF)	bnf.org/
electronic Medicines Compendium (eMC)	www.medicines.org.uk/

Clinical searches

All searches for **clinical reviews** were run in Medline (OVID) and Embase (OVID). Some searches were also run in The Cochrane Library (Wiley) (for intervention reviews), PsycINFO (for psychological therapies and education questions), Cinahl (for patient information and alternative therapies) and Amed (for complementary and alternative therapies). Typically, searches were constructed in the following way:

- A PICO format was used for intervention searches. **Population** (P) terms were combined with **intervention** (I) and sometimes **comparison** (C) terms. An intervention can be a drug, a procedure or a diagnostic test. **Outcomes** (O) are rarely used in search strategies for interventions. Study design filters were a13ed where appropriate.

- A PEO format was used for **prognosis** searches where **population (P)** terms were combined with **exposure (E)** terms and sometimes **outcomes (O)**.
- An exclusion filter was applied using the 'NOT' boolean operator to most searches in order to eliminate studies about animals, letters, editorials, comments and non-english articles.
- The structure for each search is reported in section A.1.

Economic searches

Searches for **economic** and **quality of life evidence** were run in Medline (Ovid), Embase (Ovid), the NHS Economic Evaluations Database (NHS EED), the Health Technology Assessment (HTA) database and the Health Economic Evaluation Database (HEED). NHS EED and HTA were searched via the Centre for Reviews and Dissemination (CRD) interface. The structure for each search is reported in section A.1.

A.1 Structure of search strategies – listed by search

A.1.1 Assessment and diagnosis - indications for consideration of additional investigation

The following three questions were searched using a single strategy:

- Q1. For young people and adults with HIV presenting with new onset headache, how common are serious intracranial abnormalities?**
- Q2. For young people and adults with a history of malignancy presenting with new onset headache, how common are serious intracranial abnormalities?**
- Q3. For young people and adults presenting with early morning headache or new onset frequent headache that lasts for more than one month, how common are serious intracranial abnormalities?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Primary headaches (section A.2.2) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	HIV, cancer, early morning headaches & frequent new onset headaches (section A.4.1)	Not applicable	Observational studies (section A.5.3) [for all searched databases]	All years - 13/03/2012 Medline & Embase

A.1.2 Assessment and diagnosis – identifying people with primary headaches

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with	Screening questionnaires (section A.4.2)	Not part of search	Diagnostic accuracy (section A.5.4) [for all searched databases]	All years - 13/03/2012 Medline & Embase

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
exclusion filter in Medline & Embase (section A.3)				

A.1.3 Assessment and diagnosis – headache diaries

The following two questions were searched using a single strategy:

- Q1. What is the clinical effectiveness of using diaries for the diagnosis of people with suspected primary headaches and medication overuse headaches?**
- Q2. What is the clinical effectiveness, and patients’ and practitioners’ experience, of using diaries for the management of people with primary headaches and medication overuse headaches?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Diary terms (section A.4.3)	Not part of search	No study filter used	All years - 13/03/2012 Medline, Embase, Cochrane & Cinahl

A.1.4 Assessment and diagnosis – imaging for diagnosis

- Q1. Should young people and adults with suspected primary headaches be imaged to rule out serious pathology?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Primary headaches (section A.2.2) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Imaging terms (section A.4.4)	Not part of search	Observational studies (section A.5.3) [for all searched databases]	All years - 13/03/2012 Medline & Embase

A.1.5 Assessment and diagnosis – imaging for management

Q1. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache, cluster headache), what is the clinical evidence and cost-effectiveness of imaging as a management strategy?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Imaging terms (section A.4.4)	Not part of search	RCTs and SRs (sections A.5.1 & A.5.2) [Medline and Embase only]	All years - 13/03/2012 Medline, Embase & Cochrane

A.1.6 Patient information searches

Q1. What information and support do patients with primary headaches say they want?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Primary headaches focused search (section A.6) Search 'NOT'ed with exclusion filter (section A.3)	Patient information terms (section A.6)	Not applicable	Qualitative literature terms (section A.6) [Medline, Embase & Cinahl]	All years - 13/03/2012 [Medline, Embase & Cinahl]

A.1.7 Treatment of cluster headaches

One search was conducted to identify all RCTs and systematic reviews in cluster headaches. This would have identified studies relevant to cluster headaches covering several questions. This search also overlaps with the searches for non-pharmacological treatment of cluster headaches. The questions and structure of searches for these are listed in section A.1.12. Two questions not covered by any other search are:

Q1. In people with cluster headache, what is the clinical evidence and cost-effectiveness for acute pharmacological treatment with aspirin, paracetamol, oxygen, triptans, ergots, NSAIDs or opioids?

Q2. In people with cluster headache, what is the clinical evidence and cost-effectiveness for prophylactic pharmacological treatment with calcium channel blockers, corticosteroids, lithium, melatonin, antiepileptics or serotonergic modulators?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Cluster headache (section A.2.5) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Not applicable	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase, PsycINFO & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane, AMED PsycINFO, Cinahl

A.1.8 Treatment of acute migraine

Q1. In migraine with or without aura, what is the clinical evidence and cost-effectiveness for acute pharmacological treatment with: antiemetics, aspirin, NSAIDs, opioids, paracetamol, triptans, ergots and corticosteroids?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Migraine (section A.2.3) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Pharmacological terms for: antiemetics aspirin, NSAIDs, opioids, paracetamol, triptans, ergots & corticosteroids combined using the 'OR' boolean operator (section A.4.5)	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane & Cinahl

A.1.9 Treatment of acute tension type headache

Q1. In tension type headache, what is the clinical evidence and cost-effectiveness for acute pharmacological treatment with: aspirin, NSAIDs, opioids and paracetamol

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Tension type headache (section A.2.4) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Pharmacological terms for: aspirin, NSAIDs, opioids & paracetamol combined using the 'OR' boolean operator (sections A.4.5.2 & A.4.5.6)	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane & Cinahl

A.1.10 Treatment of migraine and tension type headache with pharmacological prophylaxis

The following two questions were searched using a single strategy:

- Q1. In migraine, what is the clinical evidence and cost-effectiveness for prophylactic pharmacological treatment with: ACE inhibitors, angiotensin II receptor antagonists, antidepressants (SNRIs, SSRIs, tricyclics), beta blockers, calcium channel blockers, antiepileptics and serotonergic modulators?**
- Q2. In tension type headache, what is the clinical evidence and cost-effectiveness for prophylactic pharmacological treatment with: ACE inhibitors, angiotensin II receptor antagonists, antidepressants (SNRIs, SSRIs, tricyclics), beta blockers and antiepileptics?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population(s)	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Migraine or tension type headache (sections A.2.3 & A.2.4) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Pharmacological terms for: ACE inhibitors, angiotensin II receptor antagonists, antidepressants (SNRIs, SSRIs, tricyclics), beta blockers, calcium channel blockers, antiepileptics and serotonergic modulators combined using the 'OR' boolean operator (section A.4.6)	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane & Cinahl

A.1.11 Treatment of pure menstrual and menstrual related migraine with pharmacological prophylaxis

The following question was searched using two search strategies. Several of the drugs used in the acute treatment of menstrual related migraine were covered by the search relating to pharmacological prophylaxis for migraine. This search identified studies related to drugs not covered in the previous search.

- Q1. In pure menstrual and menstrual related migraine, what is the clinical evidence and cost-effectiveness for prophylactic pharmacological treatment with: ACE inhibitors, angiotensin II receptor antagonists, antidepressants (SNRIs, SSRIs, tricyclics), beta blockers, calcium channel blockers, antiepileptics, serotonergic modulators, NSAIDs, triptans and hormonal therapy (contraceptives)?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Menstrual migraine (section A.2.6)	Pharmacological terms for: NSAIDs, triptans & hormonal	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase & Cinahl	All years - 13/03/2012 Medline, Embase,

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
'NOT'ed with exclusion filter in Medline & Embase (section A.3)	contraceptives combined using the 'OR' boolean operator (sections A.4.5.5, A.4.5.6, A.4.5.7)		only]	Cochrane & Cinahl

A.1.12 Non-pharmacological treatment of primary headaches

The following five questions were searched using a single strategy:

- Q1. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache, cluster headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with acupuncture?**
- Q2. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache, cluster headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with dietary supplements (e.g. magnesium, vitamin B12, coenzyme Q10 and riboflavin (B2))?**
- Q3. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine) what is the clinical evidence and cost-effectiveness of non-pharmacological management with herbal remedies?**
- Q4. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with exercise programmes?**
- Q5. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache, cluster headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with manual therapies?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Non-pharmacological terms for: acupuncture, dietary supplements, herbal remedies, exercise programmes and manual therapies combined using the 'OR' boolean operator (section A.4.7.1, A.4.7.2, A.4.7.3, A.4.7.4 & A.4.7.5)	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase, & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane, Cinahl & AMED

The following two questions were searched using a single strategy:

- Q1. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache, cluster headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with education and self-management programmes?**
- Q2. For the following primary headaches (migraine with or without aura, menstrual related migraine, chronic migraine, tension type headache), what is the clinical evidence and cost-effectiveness of non-pharmacological management with psychological therapies?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Non-pharmacological terms for: education and self management programmes and psychological therapies combined using the 'OR' boolean operator (sections A.4.7.6 & A.4.7.7)	Not part of search	RCTs or SRs (sections A.5.1 & A.5.2) [Medline, Embase, PsycINFO, & Cinahl only]	All years - 13/03/2012 Medline, Embase, Cochrane, PsycINFO, Cinahl & AMED

A.1.13 Treatment of medication overuse headaches

- Q1. What is the clinical evidence and cost-effectiveness of withdrawal strategies (of abortive treatments), psychological therapies, corticosteroids and NSAIDs for the treatment of probable medication overuse headache?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Medication overuse headache (section A.2.7) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Not applicable	Not part of search	RCTs, SRs & observational studies (sections A.5.1. A.5.2 & A.5.3). [Medline, Embase & PsycInfo only]	All years - 13/03/2012 Medline, Embase, Cochrane & PsycINFO.

A.1.14 Fetal adverse events - oxygen

- Q1. What is the evidence for adverse fetal events in females using oxygen during pregnancy?**

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
No population terms used.	Oxygen therapy and fetal adverse events	Not applicable	Observational studies (section A.5.3)	All years - 13/03/2012

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Search 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	terms (section A.4.8.1)		[for all searched databases]	Medline & Embase.

A.1.15 Fetal adverse events - triptans

Q1. What is the evidence for adverse fetal events in females with primary headaches during pregnancy using triptans?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
Headaches – all (section A.2.1) 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Triptans and fetal adverse events terms (section A.4.8.2)	Not applicable	Not used	All years - 13/03/2012 Medline & Embase.

A.1.16 Fetal adverse events - verapamil

Q1. What is the evidence for adverse fetal events in females using verapamil during pregnancy?

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention/ Exposure	Comparison	Study filter used	Date parameters & databases searched
No population terms used. Search 'NOT'ed with exclusion filter in Medline & Embase (section A.3)	Verapamil and fetal adverse events terms (section A.4.8.3)	Not applicable	Observational studies (section A.5.3) [for all searched databases]	All years - 13/03/2012 Medline & Embase.

A.1.17 Health economic searches

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Study filter used	Date parameters & databases searched
Headache – all	Economic [Medline only] (section	<ul style="list-style-type: none"> 2008 – 13/03/2012 (Medline)

Population	Study filter used	Date parameters & databases searched
(section A.2.1)	A.5.5)	<ul style="list-style-type: none"> All years - 13/03/2012 (NHS EED, HTA and HEED)

A.1.18 Quality of life studies

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Study filter used	Date parameters & databases searched
Headache – all (section A.2.1)	Quality of Life [Medline only] (section A.5.6)	All years - 13/03/2012

A.2 Population search strategies

A.2.1 Headache – all

Medline search terms

1.	Headache/
2.	exp Headache Disorders/
3.	(headache* or migraine*).ti,ab.
4.	or/1-3

Embase search terms

1.	exp "headache and facial pain"/
2.	(headache* or migraine*).ti,ab.
3.	or/1-2

Cinahl search terms

S1.	(MH "Headache+")
S2.	headache* or migraine*
S3.	S1 or S2

Cochrane search terms

#1.	MeSH descriptor Headache explode all trees
#2.	MeSH descriptor Headache Disorders explode all trees
#3.	(migraine* or headache*):ti,ab
#4.	#1 OR #2 OR #3

PsycINFO search terms

1.	exp Headache/
2.	(headache* or migraine*).ti,ab.
3.	or/1-2

HEED search terms

1.	ax= headache* or migraine*
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NHS EED & HTA CRD search terms

1.	MeSH DESCRIPTor HEADACHE EXPLODE ALL TREES
2.	MeSH DESCRIPTor HEADACHE disorders
3.	MeSH DESCRIPTor Headache Disorders, Primary EXPLODE ALL TREES
4.	(headache) or (headaches) or (migraine) or (migraines)
5.	#1 or #2 or #3 or #4

A.2.2 Primary Headaches

Medline search terms

1.	Headache/
2.	Headache Disorders/ or exp Headache Disorders, Primary/
3.	(headache* or migraine*).ti,ab.
4.	or/1-3

Embase search terms

1.	headache/ or migraine/ or primary headache/ or chronic daily headache/ or migraine/ or migraine aura/ or migraine with aura/ or migraine without aura/
2.	(headache* or migraine*).ti,ab.
3.	or/1-2

A.2.3 Migraine

Medline search terms

1.	exp Migraine Disorders/
2.	migraine*.ti,ab.
3.	or/1-2

Embase search terms

1.	exp migraine/
2.	migraine*.ti,ab.
3.	or/1-2

Cinahl search terms

S1.	(MH "Migraine")
S2.	migraine*
S3.	S1 or S2

Cochrane search terms

#1.	MeSH descriptor Migraine Disorders explode all trees
#2.	migraine*:ti,ab
#3.	#1 OR #2

A.2.4 Tension type headache

Medline search terms

1.	Tension-Type Headache/
2.	(headache* adj3 (tension or tension type or muscle contraction or psychomyogenic or stress or ordinary or essential or idiopathic or psychogenic)).tw.
3.	((chronic adj2 daily adj2 headache*) or (daily adj2 persistent adj2 headache*)).ti,ab.
4.	or/1-3

Embase search terms

1.	exp tension headache/
2.	(headache* adj3 (tension or tension type or muscle contraction or psychomyogenic or stress or ordinary or essential or idiopathic or psychogenic)).tw.
3.	((chronic adj2 daily adj2 headache) or (daily adj2 persistent adj2 headache*)).ti,ab.
4.	or/1-3

Cinahl search terms

S1.	(MH "Tension Headache")
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S2.	(headache* n3 tension*) or (headache* n3 "muscle contraction") or (headache* n3 psychomyogenic) or (headache* n3 stress) or (headache* n3 ordinary) or (headache* n3 essential) or (headache* n3 idiopathic) or (headache* n3 psychogenic) or (headache* n3 daily
S3.	S1 or S2

Cochrane search terms

#1.	MeSH descriptor Tension-Type Headache, this term only
#2.	(headache near3 (tension or "tension type" or "muscle contraction" or idiopathic or ordinary or psychogenic or psychomyogenic or daily or essential)):ti,ab
#3.	#1 OR #2

A.2.5 Cluster headache

Medline search terms

1.	cluster headache/
2.	(cluster adj4 headache*).tw.
3.	((ciliary or migrain* or petrosal or sluder* or spheno-palatine or vidian) adj4 neuralgi*).tw.
4.	or/1-3

Embase search terms

1.	exp cluster headache/
2.	(cluster adj4 headache*).tw.
3.	((ciliary or migrain* or petrosal or sluder* or spheno-palatine or vidian) adj4 neuralgi*).tw.
4.	or/1-3

Cinahl search terms

S1.	(MH "Cluster Headache")
S2.	cluster n4 headache*
S3.	(ciliary n4 neuralgi*) or (migrain* n4 neuralgi*) or (petrosal n4 neuralgi*) or (sluder* n4 neuralgi*) or (spheno-palatine n4 neuralgi*) or (vidian n4 neuralgi*)
S4.	(Harris-Horton* N2 disease) or (Harris-Horton* N2 headache*) or (Harris-Horton* N2 syndrome*) or (horton N2 disease) or (horton N2 headache*) or (horton N2 syndrome*)
S5.	S1 or S2 or S3 or S4

Cochrane search terms

#1.	MeSH descriptor Cluster Headache, this term only
#2.	cluster near4 headache*:ti,ab
#3.	((ciliary or migrain* or petrosal or sluder* or spheno-palatine or vidian) near4 neuralgi*):ti,ab
#4.	((Harris-Horton* or horton) near2 (disease or headache* or syndrome*)):ti,ab
#5.	(#1 OR #2 OR #3 OR #4)

PsycINFO search terms

1.	(cluster adj4 headache*).tw.
2.	((ciliary or migrain* or petrosal or sluder* or spheno-palatine or vidian) adj4 neuralgi*).tw.
3.	((Harris-Horton* or horton) adj2 (disease or headache* or syndrome*)):tw.
4.	or/1-3

A.2.6 Menstrual and menstrual related migraine

Medline search terms

1.	exp Migraine Disorders/
2.	migraine*.ti,ab.
3.	or/1-2
4.	menstrua*.ti,ab.
5.	3 and 4

Embase search terms

1.	exp migraine/
2.	migraine*.ti,ab.
3.	or/1-2
4.	menstrua*.ti,ab.
5.	3 and 4

Cochrane search terms

#1.	MeSH descriptor Migraine Disorders explode all trees
#2.	migraine*.ti,ab
#3.	#1 or #2
#4.	menstrua*.ti,ab
#5.	#3 and #4

Cinahl search terms

S1.	(MH "Migraine")
S2.	Migraine*
S3.	S1 or S2
S4.	menstrua*
S5.	S3 and S4

A.2.7 Medication overuse headache

Medline search terms

1.	((rebound or transformed) adj5 (headache* or migrain*)):ti,ab.
2.	((medication or drug or pain?killer* or ergot* or analges* or triptan* or opioid or caffeine) adj5 (over?use or mis?use or associated or induced or abuse) adj5 (headache* or migrain*)):ti,ab.
3.	or/1-2

Embase search terms

1.	((rebound or transformed) adj5 (headache* or migrain*)):ti,ab.
2.	((medication or drug or painkiller* or pain-killer* or pain killer* or ergot* or analges* or triptan* or opioid or caffeine) adj5 (overuse or over-use or misuse or mis-use or associated or induced or abuse) adj5 (headache* or migrain*)):ti,ab.
3.	or/1-2

Cochrane search terms

#1.	((rebound or transformed) near5 (headache* or migrain*)):ti,ab
#2.	((medication or drug or painkiller* or pain-killer* or pain killer* or ergot* or analges* or triptan* or opioid or caffeine) near5 (overuse or over-use or misuse or mis-use or associated or induced or abuse) near5 (headache* or migrain*)):ti,ab
#3.	#1 or #2

PsycINFO search terms

1.	((rebound or transformed) adj5 (headache* or migrain*)).ti,ab.
2.	((medication or drug or pain?killer* or ergot* or analges* or triptan* or opioid or caffeine) adj5 (over?use or mis?use or associated or induced or abuse) adj5 (headache* or migrain*)).ti,ab.
3.	or/1-2

A.3 Exclusions

Medline search terms

1.	letter/
2.	editorial/
3.	exp historical article/
4.	Anecdotes as Topic/
5.	comment/
6.	case report/
7.	animals/ not humans/
8.	exp Animals, Laboratory/
9.	exp Animal Experimentation/
10.	exp Models, Animal/
11.	exp Rodentia/
12.	or/1-11

Embase search terms

1.	letter.pt. or letter/
2.	note.pt.
3.	editorial.pt.
4.	case report/ or case study/
5.	animal/ not human/
6.	nonhuman/
7.	animals, laboratory/
8.	exp experimental animal/
9.	exp animal experiment/
10.	animals, laboratory/
11.	exp animal model/
12.	exp rodent/
13.	or/1-12

A.4 Intervention or exposure terms

A.4.1 Indications for consideration of additional investigation

Medline search terms

1.	(red flag* or warning).ti,ab.
2.	((intracranial or key or serious or significant) adj2 (abnormal* or characteristic* or patholog* or cause* or symptom* or feature*)).ti,ab.
3.	or/1-2
4.	exp HIV/
5.	(human immunodeficiency virus or human immuno-deficiency virus or HIV or acquired immunodeficiency syndrome or acquired immuno-deficiency syndrome).ti,ab.
6.	or/4-5

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Literature search strategies

7.	exp Neoplasms/
8.	(cancer* or neoplasm* or tumo?r*).ti,ab.
9.	or/7-8
10.	(early adj3 (day or morning) adj3 (migraine* or headache*)).ti,ab.
11.	(new adj3 (onset or daily) adj3 (migraine* or headache*)).ti,ab.
12.	3 or 6 or 9 or 10 or 11

Embase search terms

1.	(red flag* or warning).ti,ab.
2.	((intracranial or key or serious or significant) adj2 (abnormal* or characteristic* or patholog* or cause* or symptom* or feature*)).ti,ab.
3.	or/1-2
4.	exp Human immunodeficiency virus/
5.	(human immunodeficiency virus or human immuno-deficiency virus or HIV or acquired immunodeficiency syndrome or acquired immuno-deficiency syndrome).ti,ab.
6.	or/4-5
7.	exp neoplasm/
8.	(cancer* or neoplasm* or tumo?r*).ti,ab.
9.	or/7-8
10.	(early adj3 (day or morning) adj3 (migraine* or headache*)).ti,ab.
11.	(new adj3 (onset or daily) adj3 (migraine* or headache*)).ti,ab.
12.	3 or 6 or 9 or 10 or 11

A.4.2 Screening questionnaires

Medline search terms

1.	exp Questionnaires/
2.	questionnaire*.ti,ab.
3.	Mass Screening/
4.	screen*.ti,ab.
5.	or/1-4

Embase search terms

1.	exp questionnaire/
2.	questionnaire*.ti,ab.
3.	mass screening/ or screening/ or screening test/
4.	screen*.ti,ab.
5.	or/1-4

Cochrane search terms

#1.	MeSH descriptor Questionnaires explode all trees
#2.	questionnaire*:ti,ab
#3.	MeSH descriptor Mass Screening, this term only
#4.	screen*:ti,ab
#5.	#1 or #2 or #3 or #4

A.4.3 Headache diaries

Medline AND Embase search terms

6.	(diary or diaries).ti,ab.
7.	(chronicle* or patient log* or daily record* or daily log*).ti,ab.

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Literature search strategies

8.	or/1-2
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Cinahl search terms

S1.	diary or diaries
S2.	chronicle or chronicles or patient log or patient logs or daily record or daily records or daily recording or daily log or daily logs or daily logging
S3.	S1 or S2

Cochrane search terms

#6.	(diary or diaries or chronicle*):ti,ab
#7.	((patient next log*) or (daily next log*) or (daily next record*)):ti,ab
#8.	#1 OR #2

A.4.4 Imaging

Medline search terms

1.	exp tomography, x-ray computed/
2.	exp Magnetic Resonance Imaging/
3.	(neuroimag* or neuro-imag*).ti,ab.
4.	(compute* adj2 tomograph*).ti,ab.
5.	(ct or cat).ti,ab.
6.	((MR or magnetic resonance or NMR) adj2 (imag* or tomograph* or angiograph*).ti,ab.
7.	MRI.ti,ab.
8.	or/1-7

Embase search terms

1.	neuroimaging/
2.	exp computer assisted tomography/
3.	exp nuclear magnetic resonance imaging/
4.	(neuroimag* or neuro-imag*).ti,ab.
5.	(compute* adj2 tomograph*).ti,ab.
6.	(ct or cat).ti,ab.
7.	((MR or magnetic resonance or NMR) adj2 (imag* or tomograph* or angiograph*).ti,ab.
8.	MRI.ti,ab.
9.	or/1-8

A.4.5 Acute pharmacological treatments

A.4.5.1 Antiemetics

Medline search terms

1.	antiemetics/ or domperidone/ or metoclopramide/ or cinnarizine/ or cyclizine/
2.	antiemetic*.mp.
3.	Domperidone.mp.
4.	Metoclopramide.mp.
5.	Cinnarizine.mp.
6.	Cyclizine.mp.
7.	Phenothiazines/ or prochlorperazine/ or perphenazine/ or trifluoperazine/ or promethazine/
8.	Phenothiazine*.mp.

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9.	Prochlorperazine.mp.
10.	Perphenazine.mp.
11.	Trifluoperazine.mp.
12.	Promethazine.mp.
13.	exp Histamine Antagonists/
14.	antihistamine*.mp.
15.	Cyproheptadine.mp.
16.	migravele.mp.
17.	migramax.mp.
18.	paramax.mp.
19.	or/1-18

Embase search terms

1.	exp antimigraine agent/
2.	antiemetics/ or domperidone/ or metoclopramide/ or cinnarizine/ or cyclizine/
3.	antiemetic*.mp.
4.	Domperidone.mp.
5.	Metoclopramide.mp.
6.	Cinnarizine.mp.
7.	Cyclizine.mp.
8.	phenothiazine derivative/ or prochlorperazine/ or perphenazine/ or trifluoperazine/ or promethazine/
9.	Phenothiazine*.mp.
10.	Prochlorperazine.mp.
11.	Perphenazine.mp.
12.	Trifluoperazine.mp.
13.	Promethazine.mp.
14.	exp antihistaminic agent/
15.	antihistamine*.mp.
16.	Cyproheptadine.mp.
17.	migravele.mp.
18.	migramax.mp.
19.	paramax.mp.
20.	or/1-19

Cochrane search terms

#1.	(antiemetic* or cyclizine or domperidone or metoclopramide or cinnarizine):ti,ab,kw
#2.	(phenothiazine* or prochlorperazine or perphenazine or trifluoperazine or promethazine):ti,ab,kw
#3.	MeSH descriptor Histamine Antagonists explode all trees
#4.	(antihistamine* or cyproheptadine):ti,ab
#5.	(migravele or migramax or paramax):ti,ab
#6.	#1 or #2 or #3 or #4 or #5

A.4.5.2 Aspirin, paracetamol & opioids

Medline search terms

1.	(acetylsalicylic acid or aspirin).mp.
2.	(paracetamol or acetaminophen or panadol).mp.
3.	exp Analgesics, Opioid/
4.	(Buprenorphine or Codeine or Diamorphine or Dihydrocodeine or Dipipanone or Fentanyl or Hydromorphone or Meptazinol or Morphine or Oxycodone or

	Papaveretum or Pentazocine or Pethidine or Tramadol).mp.
5.	or/1-4

Embase search terms

1.	(acetylsalicylic acid or aspirin).mp.
2.	(paracetamol or acetaminophen or panadol).mp.
3.	exp narcotic analgesic agent/
4.	(Buprenorphine or Codeine or Diamorphine or Dihydrocodeine or Dipipanone or Fentanyl or Hydromorphone or Meptazinol or Morphine or Oxycodone or Papaveretum or Pentazocine or Pethidine or Tramadol).mp.
5.	or/1-4

Cochrane search terms

#1.	(acetylsalicylic acid or aspirin):ti,ab,kw
#2.	(paracetamol or acetaminophen or panadol):ti,ab,kw
#3.	MeSH descriptor Analgesics, Opioid explode all trees
#4.	(Buprenorphine or Codeine or Diamorphine or Dihydrocodeine or Dipipanone or Fentanyl or Hydromorphone or Meptazinol or Morphine or Oxycodone or Papaveretum or Pentazocine or Pethidine or Tramadol):ti,ab,kw
#5.	#1 or #2 or #3 or #4

A.4.5.3 Corticosteroids

Medline search terms

1.	exp Adrenal Cortex Hormones/
2.	adrenal cortex hormone*.mp.
3.	exp Steroids/
4.	(corticosteriod* or glucocorticoid*).mp.
5.	exp Prednisolone/
6.	exp Dexamethasone/
7.	(prednisolone or prednisone or dexamethasone).mp.
8.	or/1-7

Embase search terms

1.	exp corticosteroid/
2.	(corticosteriod* or glucocorticoid*).mp.
3.	exp steroid/
4.	adrenal cortex hormone*.mp.
5.	prednisolone/
6.	dexamethasone/
7.	(prednisolone or prednisone or dexamethasone).mp.
8.	or/1-7

Cochrane search terms

#1.	MeSH descriptor Adrenal Cortex Hormones explode all trees
#2.	("Adrenal Cortex Hormones" or "Adrenal Cortex Hormone"):ti,ab
#3.	MeSH descriptor Steroids explode all trees
#4.	(corticosteriod* or glucocorticoid*):ti,ab
#5.	MeSH descriptor Prednisolone explode all trees
#6.	MeSH descriptor Dexamethasone explode all trees
#7.	(prednisolone or prednisone or dexamethasone):ti,ab,kw
#8.	#1 or #2 or #3 or #4 or #5 or #6 or #7

A.4.5.4 Ergots

Medline search terms

1.	(ergotamine or dihydroergotamine).mp.
2.	(cafergot or migril).mp.
3.	or/1-2

Embase search terms

1.	(ergotamine or dihydroergotamine).mp.
2.	(cafergot or migril).mp.
3.	or/1-2

Cochrane search terms

#1.	(ergotamine or dihydroergotamine):ti,ab,kw
#2.	(cafergot or migril):ti,ab,kw
#3.	(ergotamine or dihydroergotamine):ti,ab,kw
#4.	#1 OR #2 OR #3

A.4.5.5 Hormonal contraception

Medline search terms

1.	contraceptive agents/ or contraceptive agents, female/ or exp contraceptives, oral/ or exp menstruation-inducing agents/
2.	(Loestrin20 or Mercilon or Femodette or Brevinor or Cilest or Eugynon30 or Loestrin30 or Microgynon30 or Norimin or Norinyl-1 or Ovranette or Ovysmen or Yasmin or Femodene or Marvelon or Minulet or BiNovum or Logynon or Qlaira or Synphase or Triadene or Tri-Minulet or Trinordial or TriNovum or Evra patch or Cerazette or Femulen or Micronor or Microval or Neogest or Norgeston or Noriday or Medroxyprogesterone acetate or Depo-provera or Norethisterone enantate or Noristerat or Etonogestrel-releasing implant or Implanon or Mirena).mp.
3.	((progestogen* or progestin* or progestagen* or estrogen* or oestrogen* or combined) adj3 contraceptive*).ti,ab.
4.	or/1-3

Embase search terms

1.	contraceptive agent/ or ethinylestradiol plus etonogestrel/ or ethinylestradiol plus norelgestromin/ or injectable contraceptive agent/ or menstruation inducing agent/ or oral contraceptive agent/
2.	(Loestrin20 or Mercilon or Femodette or Brevinor or Cilest or Eugynon30 or Loestrin30 or Microgynon30 or Norimin or Norinyl-1 or Ovranette or Ovysmen or Yasmin or Femodene or Marvelon or Minulet or BiNovum or Logynon or Qlaira or Synphase or Triadene or Tri-Minulet or Trinordial or TriNovum or Evra patch or Cerazette or Femulen or Micronor or Microval or Neogest or Norgeston or Noriday or Medroxyprogesterone acetate or Depo-provera or Norethisterone enantate or Noristerat or Etonogestrel-releasing implant or Implanon or Mirena).mp.
3.	((progestogen* or progestin* or progestagen* or estrogen* or oestrogen* or combined) adj3 contraceptive*).ti,ab.
4.	or/1-3

Cochrane search terms

#1.	MeSH descriptor Contraceptive Agents, this term only
#2.	MeSH descriptor Contraceptive Agents, Female, this term only
#3.	MeSH descriptor Contraceptives, Oral explode all trees
#4.	(Loestrin20 or Mercilon or Femodette or Brevinor or Cilest or Eugynon30 or

	Loestrin30 or Microgynon30 or Norimin or Norinyl-1 or Ovranette or Ovysmen or Yasmin or Femodene or Marvelon or Minulet or BiNovum or Logynon or Qlaira or Synphase or Triadene or Tri-Minulet or Trinordial or TriNovum or Evra patch or Cerazette or Femulen or Micronor or Microval or Neogest or Norgeston or Noriday or "Medroxyprogesterone acetate" or Depo-provera or "Norethisterone enantate" or Noristerat or "Etonogestrel-releasing implant" or Implanon or Mirena):ti,ab
#5.	((progestogen* near3 contraceptive*) or (progestin* near3 contraceptive*) or (progestagen* near3 contraceptive*) or (estrogen* near3 contraceptive*) or (oestrogen* near3 contraceptive*) or (combined near3 contraceptive*)):ti,ab
#6.	#1 or #2 or #3 or #4 or #5

A.4.5.6 NSAIDs

Medline search terms

1.	exp Anti-Inflammatory Agents, Non-Steroidal/
2.	(((non?steroidal or non-steroidal) adj (anti?inflammatory or anti-inflammatory or antiinflammatory)) or NSAID*).tw.
3.	(Aceclofenac or Acemetacin or Celecoxib or Dexibuprofen or Dexketoprofen or Diclofenac or Etodolac or Etoricoxib or Fenbufen or Fenoprofen or Flurbiprofen or Ibuprofen or Indometacin or Ketoprofen or Mefenamic acid or Meloxicam or Nabumetone or Naproxen or Piroxicam or Sulindac or Tenoxicam or Tiaprofenic acid or tolfenamic acid or clotam rapid).mp.
4.	or/1-3

Embase search terms

1.	exp nonsteroid antiinflammatory agent/
2.	(((non?steroidal or non-steroidal) adj (anti?inflammatory or anti-inflammatory or antiinflammatory)) or NSAID*).tw.
3.	(Aceclofenac or Acemetacin or Celecoxib or Dexibuprofen or Dexketoprofen or Diclofenac or Etodolac or Etoricoxib or Fenbufen or Fenoprofen or Flurbiprofen or Ibuprofen or Indometacin or Ketoprofen or Mefenamic acid or Meloxicam or Nabumetone or Naproxen or Piroxicam or Sulindac or Tenoxicam or Tiaprofenic acid or Tolfenamic acid or clotam rapid).mp.
4.	or/1-3

Cochrane search terms

#1.	MeSH descriptor Anti-Inflammatory Agents, Non-Steroidal explode all trees
#2.	("nonsteroidal antiinflammatory" or "non-steriodal antiinflammatory" or "non steroidal antiinflammatory" or "nonsteroidal anti-inflammatory" or "non-steriodal anti-inflammatory" or "nonsteroidal anti-inflammatory" or "non-steriodal anti-inflammatory" or "non steroidal anti-inflammatory" or "nonsteroidal anti-inflammatory" or "non-steriodal anti-inflammatory" or "non steroidal anti-inflammatory" or NSAID*):ti,ab
#3.	(Aceclofenac or Acemetacin or Celecoxib or Dexibuprofen or Dexketoprofen or Diclofenac or Etodolac or Etoricoxib or Fenbufen or Fenoprofen or Flurbiprofen or Ibuprofen or Indometacin or Ketoprofen or Mefenamic acid or Meloxicam or Nabumetone or Naproxen or Piroxicam or Sulindac or Tenoxicam or "Tiaprofenic acid" or "tolfenamic acid" or "clotam rapid"):ti,ab,kw
#4.	#1 or #2 or #3

A.4.5.7 Triptans

Medline search terms

1.	Tryptamines/ or Sumatriptan/
----	------------------------------

2.	(triptan* or Almotriptan or Eletriptan or Frovatriptan or Naratriptan or Rizatriptan or Sumatriptan or Zolmitriptan).mp.
3.	(almogran or relpax or migard or naramig or maxalt or imigran or zomig).mp.
4.	or/1-3

Embase search terms

1.	exp triptan derivative/
2.	(triptan* or Almotriptan or Eletriptan or Frovatriptan or Naratriptan or Rizatriptan or Sumatriptan or Zolmitriptan).mp.
3.	(almogran or relpax or migard or naramig or maxalt or imigran or zomig).mp.
4.	or/1-3

Cochrane search terms

#1.	MeSH descriptor Tryptamines, this term only
#2.	(triptan* or Almotriptan or Eletriptan or Frovatriptan or Naratriptan or Rizatriptan or Sumatriptan or Zolmitriptan):ti,ab,kw
#3.	(almogran or relpax or migard or naramig or maxalt or imigran or zomig):ti,ab,kw
#4.	#1 or #2 or #3

A.4.6 Prophylactic pharmacological interventions

Medline search terms

1.	exp Calcium Channel Blockers/
2.	(calcium adj3 (blocker* or antagonist* or inhibitor*)).ti,ab.
3.	(nimodipine or diltiazem or verapamil).ti,ab.
4.	Angiotensin-Converting Enzyme Inhibitors/
5.	angiotensin receptor antagonists/ or angiotensin ii type 1 receptor blockers/ or angiotensin ii type 2 receptor blockers/
6.	(Captopril or Cilazapril or Enalapril maleate or Fosinopril sodium or Imidapril hydrochloride or Lisinopril or Moexipril hydrochloride or Perindopril erbumine or Perindopril arginine or Quinapril or Ramipril or Ramipril with felodipine or Trandolapril).mp.
7.	(Angiotensin-Converting Enzyme Inhibitor* or ACE inhibitor* or angiotensin receptor blocker* or ARB or ARBS).ti,ab.
8.	(candesartan or eprosartan or irbesartan or losartan or olmesartan or telmisartan or valsartan).ti,ab.
9.	exp Serotonin Uptake Inhibitors/
10.	(selective serotonin reuptake inhibitor* or selective serotonin uptake inhibitor* or SSRI*).ti,ab.
11.	(paroxetine or citalopram or escitalopram or fluoxetine or fluvoxamine or sertraline or mirtazapine).ti,ab.
12.	(SNRI* or serotonin norepinephrine reuptake inhibitor*).ti,ab.
13.	venlafaxine.ti,ab.
14.	exp Antidepressive Agents, Tricyclic/
15.	tricyclic*.ti,ab.
16.	(amitriptyline or amitriptyline or imipramine or nortriptyline or desipramine or dosulepin).ti,ab.
17.	exp Adrenergic beta-Antagonists/
18.	(beta-blocker* or beta?blocker*).ti,ab.
19.	(propranolol or metoprolol or nadolol or timolol or atenolol).ti,ab.
20.	methysergide/ or pizotyline/
21.	Ergotamine/

22.	Cyproheptadine/
23.	(serotonergic adj2 modulator*).ti,ab.
24.	(methysergide or pizotifen or pizotyline or ergotamine or cyproheptadine).ti,ab.
25.	exp Anticonvulsants/
26.	(anticonvulsant* or antiepileptic or anti-epileptic*).ti,ab.
27.	(sodium valproate or valproic acid or topiramate or gabapentin).ti,ab.
28.	or/1-27

Embase search terms

1.	(calcium adj3 (blocker* or antagonist* or inhibitor*)).ti,ab.
2.	(nimodipine or diltiazem or verapamil).ti,ab.
3.	exp calcium channel blocking agent/
4.	exp dipeptidyl carboxypeptidase inhibitor/
5.	exp angiotensin receptor antagonist/
6.	(Angiotensin-Converting Enzyme Inhibitor* or ACE inhibitor* or angiotensin receptor blocker* or ARB or ARBS).ti,ab.
7.	(captopril or cilazapril or enalapril maleate or fosinopril sodium or imidapril hydrochloride or lisinopril or moexipril hydrochloride or perindopril or quinapril or ramipril ortrandolapril).mp.
8.	(candesartan or eprosartan or irbesartan or losartan or olmesartan or telmisartan or valsartan).ti,ab.
9.	exp serotonin uptake inhibitor/
10.	(selective serotonin reuptake inhibitor* or selective serotonin uptake inhibitor* or SSRI*).ti,ab.
11.	(paroxetine or citalopram or escitalopram or fluoxetine or fluvoxamine or sertraline or mirtazapine).ti,ab.
12.	(SNRI* or serotonin norepinephrine reuptake inhibitor*).ti,ab.
13.	venlafaxine.ti,ab.
14.	exp tricyclic antidepressant agent/
15.	tricyclic*.ti,ab.
16.	(amitriptyline or amitriptiline or imipramine or nortriptyline or desipramine or dosulepin).ti,ab.
17.	exp *beta adrenergic receptor blocking agent/
18.	(beta-blocker* or beta?blocker*).ti,ab.
19.	(propranolol or metoprolol or nadolol or timolol or atenolol).ti,ab.
20.	(serotonergic adj2 modulator*).ti,ab.
21.	(methysergide or pizotifen or pizotyline or ergotamine or cyproheptadine).ti,ab.
22.	methysergide/ or methysergide maleate/
23.	pizotifen/ or pizotifen maleate/
24.	ergotamine/ or ergotamine tartrate/
25.	cyproheptadine/
26.	exp anticonvulsive agent/
27.	(anticonvulsant* or antiepileptic or anti-epileptic*).ti,ab.
28.	(sodium valproate or valproic acid or topiramate or gabapentin).ti,ab.
29.	or/1-28

Cochrane search terms

#1.	MeSH descriptor Calcium Channel Blockers explode all trees
#2.	MeSH descriptor Angiotensin-Converting Enzyme Inhibitors explode all trees
#3.	MeSH descriptor Angiotensin II Type 1 Receptor Blockers explode all trees
#4.	MeSH descriptor Serotonin Uptake Inhibitors explode all trees
#5.	MeSH descriptor Antidepressive Agents, Tricyclic explode all trees

#6.	MeSH descriptor Adrenergic beta-Antagonists explode all trees
#7.	MeSH descriptor Anticonvulsants explode all trees
#8.	MeSH descriptor Ergotamine explode all trees
#9.	MeSH descriptor Pizotyline explode all trees
#10.	MeSH descriptor Methysergide explode all trees
#11.	MeSH descriptor Cyproheptadine explode all trees
#12.	(calcium near3 (blocker* or antagonist* or inhibitor*)):ti,ab
#13.	(nimodipine or diltiazem or verapamil):ti,ab
#14.	(captopril or cilazapril or enalapril or fosinopril or imidapril or lisinopril or moexipril or perindopril or quinapril or ramipril ortrandolapril):ti,ab
#15.	("angiotensin-converting enzyme inhibitor*"):ti,ab
#16.	("ace inhibitor*"):ti,ab
#17.	(arb or arbs):ti,ab
#18.	(angiotensin near receptor near blocker*):ti,ab
#19.	(ssri* or "selective serotonin reuptake inhibitor*" or "selective serotonin uptake inhibitor*"):ti,ab
#20.	(snri* or "serotonin norepinephrine reuptake inhibitor*"):ti,ab
#21.	(venlafaxine or paroxetine or citalopram or escitalopram or fluoxetine or fluvoxamine or sertraline or mirtazapine):ti,ab
#22.	(tricyclic* or amitriptyline or amitriptiline or imipramine or nortriptyline or desipramine or dosulepin):ti,ab
#23.	(beta-blocker* or "beta blocker*"):ti,ab
#24.	(propranolol or metoprolol or nadolol or timodol or atenolol or methysergide or pizotyline or pizotifen or ergotamine or cyproheptadine or "sodium valproate" or "valproic acid" or topiramate or gabapentin or anticonvulsant* or antiepileptic* or anti-epileptic*):ti,ab
#25.	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24

A.4.7 Non-pharmacological treatments

A.4.7.1 Acupuncture

Medline search terms

1.	Acupuncture/
2.	exp Acupuncture Therapy/
3.	(acupunctur* or needling or electroacupunctur*).ti,ab.
4.	or/1-3

Embase search terms

1.	exp Acupuncture/
2.	(acupunctur* or needling or electroacupunctur*).ti,ab.
3.	or/1-2

Cochrane search terms

#1.	MeSH descriptor Acupuncture, this term only
#2.	MeSH descriptor Acupuncture Therapy explode all trees
#3.	(acupunctur* or needling or electroacupunctur*):ti,ab
#4.	#1 or #2 or #3

Cinahl search terms

S1.	(MH "Acupuncture+") OR (MH "Acupuncturists")
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S2.	acupunctur* or electroacupunctur* or needling
S3.	S1 or S2

A.4.7.2 Dietary supplements

Medline search terms

1.	exp Dietary Supplements/
2.	vitamins/ or vitamin b complex/ or exp riboflavin/ or exp vitamin b 12/
3.	magnesium compounds/ or magnesium chloride/ or magnesium hydroxide/ or magnesium oxide/ or magnesium sulfate/
4.	Magnesium/
5.	exp Ubiquinone/
6.	(vitamin B12 or vitamin B 12).ti,ab.
7.	(cobalamin* or cyanocobalamin* or cobamide* or hydroxo-cobalamin* or hydroxycobalamin* or hydroxocobalamin*).ti,ab.
8.	(riboflavin or vitamin B2 or vitamin B 2 or vitamin g).ti,ab.
9.	(magnesium adj2 (supplement* or salt* or carbonate or oxide or chloride or sulphate or sulfate or maleate or citrate or lactate or aspartate or chelate)).ti,ab.
10.	(coenzyme Q10 or ubiquinone or ubidecarenone).ti,ab.
11.	or/1-10

Embase search terms

1.	diet supplementation/
2.	Vitamin B complex/ or Vitamin/ or Vitamin B group/
3.	exp riboflavin/
4.	exp cobalamin derivative/
5.	magnesium/ or magnesium aspartate/ or magnesium carbonate/ or magnesium chloride/ or magnesium citrate/ or magnesium derivative/ or magnesium hydroxide/ or magnesium oxide/ or magnesium salt/ or magnesium sulfate/
6.	ubidecarenone/
7.	(vitamin B12 or vitamin B 12).ti,ab.
8.	(cobalamin* or cyanocobalamin* or hydroxycobalamin* or hydroxo-cobalamin* or cobamide* or hydroxocobalamin*).ti,ab.
9.	(riboflavin or vitamin B2 or vitamin B 2 or vitamin g).ti,ab.
10.	(magnesium adj2 (supplement* or salt* or carbonate or oxide or chloride or sulphate or sulfate or maleate or citrate or lactate or aspartate or chelate)).ti,ab.
11.	(coenzyme Q10 or ubiquinone or ubidecarenone).ti,ab.
12.	or/1-11

Cochrane search terms

#1.	MeSH descriptor Dietary Supplements, this term only
#2.	MeSH descriptor Vitamins, this term only
#3.	MeSH descriptor Vitamin B Complex, this term only
#4.	MeSH descriptor Riboflavin explode all trees
#5.	MeSH descriptor Vitamin B 12 explode all trees
#6.	MeSH descriptor Magnesium explode all trees
#7.	MeSH descriptor Magnesium Compounds, this term only
#8.	MeSH descriptor Magnesium Chloride, this term only
#9.	MeSH descriptor Magnesium Hydroxide, this term only
#10.	MeSH descriptor Magnesium Oxide, this term only
#11.	MeSH descriptor Magnesium Sulfate, this term only
#12.	MeSH descriptor Ubiquinone, this term only

#13.	(Vitamin B12 or vitamin B 12):ti,ab
#14.	(cobalamin* or cyanocobalamin* or hydroxycobalamin* or hydroxo-cobalamin* or cobamide* or hydroxocobalamin*):ti,ab
#15.	(riboflavin or vitamin B2 or vitamin B 2 or vitamin G):ti,ab
#16.	(magnesium near/2 (supplement* or salt* or carbonate or oxide or chloride* or sulphate or sulfate or maleate or citrate or lactate or asparate or chelate)):ti,ab
#17.	("coenzyme Q10" or ubiquinone or ubidecarenone):ti,ab
#18.	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17

Cinahl search terms

S1.	(MH "Dietary Supplementation") or (MH "Dietary Supplements") or (MH "Vitamins") or (MH "Vitamin B Complex") or (MH "Vitamin B12") or (MH "Riboflavin") or (MH "Magnesium") or (MH "Magnesium Compounds") or (MH "Magnesium Sulfate") or (MH "Coenzyme Q")
S2.	"vitamin B 12" or "Vitamin B12" or cobalamin* or cyanocobalamin* or cobamide* or hydroxo-cobalamin* or hydroxocobalamin or hydroxycobalamin or riboflavin or "vitamin B 2" or "Vitamin B2" or "vitamin G"
S3.	coenzyme Q-10 or coenzyme Q10 or ubiquinone or ubidecarenone
S4.	magnesium N2 supplement* or magnesium N2 salt* or magnesium N2 carbonate or magnesium N2 oxide or magnesium N2 chloride or magnesium N2 sulphate or magnesium N2 sulfate or magnesium N2 maleate or magnesium N2 citrate or magnesium N2 lactate or magnesium N2 aspartate or magnesium N2 chelate
S5.	S1 or S2 or S3 or S4

A.4.7.3 Herbal remedies

Medline search terms

1.	Herbal Medicine/ or Drugs,chinese herbal/
2.	Tanacetum parthenium/
3.	Petasites/
4.	Phytotherapy/
5.	Plants, Medicinal/
6.	plant preparations/ or plant extracts/
7.	feverfew*.ti,ab.
8.	((chrysanthemum or tanacetum) adj2 parthenium*).ti,ab.
9.	(butterbur* or petasite*).ti,ab.
10.	or/1-9

Embase search terms

1.	herbal medicine/ or herb/ or herbaceous agent/
2.	phytotherapy/
3.	medicinal plant/
4.	plant extract/
5.	plant medicinal product/
6.	tanacetum parthenium/ or tanacetum parthenium extract/
7.	butterbur/
8.	petasites/ or exp petasites hybridus extract/
9.	Petasites extract/
10.	feverfew*.ti,ab.
11.	((chrysanthemum or tanacetum) adj2 parthenium*).ti,ab.
12.	(butterbur* or petasite*).ti,ab.

13.	or/1-12
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Cochrane search terms

#1.	MeSH descriptor Herbal Medicine, this term only
#2.	MeSH descriptor Phytotherapy, this term only
#3.	MeSH descriptor Plants, Medicinal, this term only
#4.	MeSH descriptor Plant Preparations, this term only
#5.	MeSH descriptor Plant Extracts, this term only
#6.	MeSH descriptor Drugs, Chinese Herbal, this term only
#7.	(feverfew* or butterbur* or petasites):ti,ab
#8.	((chrysanthemum or tanacetum) NEXT parthenium):ti,ab
#9.	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8

Cinahl search terms

S1.	(MH "Medicine, Herbal") or (MH "Plant Extracts") or (MH "Drugs, Chinese Herbal") or (MH "Plants, Medicinal") or (MH "Butterbur") or (MH "Feverfew") or (MH "Herbalists")
S2.	feverfew* or butterbur* or petasite* or chrysanthemum N2 parthenium or tanectum N2 parthenium
S3.	S1 or S2

A.4.7.4 Exercise

Medline search terms

1.	exp Exercise/
2.	exp Exercise Therapy/
3.	"Physical Education and Training"/
4.	exp Exercise Movement Techniques/
5.	(exercise adj3 (session* or training or technique* or physical or isometric or aerobic or therap* or program* or class*)):ti,ab.
6.	(tai chi or tai ji or pilates or yoga):ti,ab.
7.	(physical adj2 (training or education or program*)):ti,ab.
8.	or/1-7

Embase search terms

1.	exp exercise/
2.	kinesiotherapy/
3.	physical education/
4.	(exercise adj3 (session* or training or technique* or physical or isometric or aerobic or therap* or program* or class*)):ti,ab.
5.	(tai chi or tai ji or pilates or yoga):ti,ab.
6.	(physical adj2 (training or education or program*)):ti,ab.
7.	or/1-6

Cochrane search terms

#1.	MeSH descriptor Exercise explode all trees
#2.	MeSH descriptor Exercise Therapy explode all trees
#3.	MeSH descriptor Physical Education and Training, this term only
#4.	MeSH descriptor Exercise Movement Techniques explode all trees
#5.	(exercise near/3 (session* or training or technique* or physical or isometric or aerobic or therap* or program* or class*)):ti,ab
#6.	("tai chi" or "tai ji" or pilates or yoga):ti,ab
#7.	(physical next (training or education or program*)):ti,ab

#8.	#1 or #2 or #3 or #4 or #5 or #6 or #7
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Cinahl search terms

S1.	(MH "Exercise+") or (MH "Therapeutic Exercise+") or (MH "Physical Education and Training")
S2.	tai chi or tai ji or pilates or yoga or physical N2 training or physical N2 education or physical N3 program* or exercise N2 session* or exercise N2 training or exercise N2 technique* or exercise N2 therap* or therapeutic n2 exercise or exercise N2 program* or exercise N2 class* or physical N2 exercise* or isometric N2 exercise* or aerobic N2 exercise*
S3.	S1 or S2

A.4.7.5 Manual therapies

Medline search terms

1.	exp Musculoskeletal Manipulations/ or "Physical Therapy (Speciality)"/ or Physical Therapy Modalities/
2.	Chiropractic/
3.	Manipulation, Orthopedic/
4.	Osteopathic Medicine/
5.	((lumbar or cervical or spinal or musculoskeletal) adj2 manipulat*).ti,ab.
6.	(osteopath* or chiropractic* or reflexolog* or massage or acupressure or shiatsu or shiatzu).ti,ab.
7.	((movement or manual or manipulat* or trigger point or motion or passive or cpm) adj2 therap*).ti,ab.
8.	(stretching adj2 (exercise* or relaxed or dynamic or passive or muscle or active or isometric)).ti,ab.
9.	or/1-8

Embase search terms

1.	exp manipulative medicine/ or physiotherapy/ or joint mobilization/
2.	((lumbar or cervical or spinal or musculoskeletal) adj2 manipulat*).ti,ab.
3.	(osteopath* or chiropractic* or reflexolog* or massage or acupressure or shiatsu or shiatzu).ti,ab.
4.	((movement or manual or manipulat* or trigger point or motion or passive or cpm) adj2 therap*).ti,ab.
5.	(stretching adj2 (exercise* or relaxed or dynamic or passive or muscle or active or isometric)).ti,ab.
6.	or/1-5

Cochrane search terms

#1.	MeSH descriptor Musculoskeletal Manipulations explode all trees
#2.	MeSH descriptor Chiropractic, this term only
#3.	MeSH descriptor Manipulation, Orthopedic, this term only
#4.	MeSH descriptor Osteopathic Medicine, this term only
#5.	((lumbar or cervical or spinal or musculoskeletal) next manipulat*):ti,ab
#6.	(osteopath* or chiropractic* or reflexolog* or massage or acupressure or shiatsu or shaitzu):ti,ab
#7.	((movement or manual or manipulat* or "trigger point" or motion or passive or cpm) NEXT therap*):ti,ab
#8.	(stretching near/3 (exercise* or relaxed or dynamic or passive or active or muscle or isometric)):ti,ab
#9.	MeSH descriptor Physical Therapy (Specialty), this term only

#10.	MeSH descriptor Physical Therapy Modalities, this term only
#11.	#1 or #2 or #3 or #4 or #5 or #6 or #7 or # 8 or #9 or #10

Cinahl search terms

S1.	(MH "Physical Therapy") or (MH "Manual Therapy+") or (MH "Joint Mobilization") or (MH "Osteopathy") or (MH "Osteopathic Medicine") or (MH "Osteopaths") or (MH "Chiropractic") or (MH "Chiropractic Assessment") or (MH "Chiropractic Practice") or (MH "Chiropractors")
S2.	lumbar N2 manipul* or cervical N2 manipul* or spinal n2 manipul* or musculoskeletal N2 manipul* or osteopath* or chiropractic* or reflexolog* or massage* or acupressure* or shiatsu or shaitzu or movement N2 therap* or manual N2 therap* or manipul* N2 therap* or "trigger point" N2 therap* or motion N2 therap* or cpm or stretch* N2 exercise* or relaxed N2 stretch* or dynamic n2 stretch* or passive N2 stretch* or muscle N2 stretch* or active N2 stretch* or isometric N2 stretch*
S3.	S1 or S2

A.4.7.6 Education and self management programmes

Medline search terms

1.	Self Care/ or Social Support/ or Counseling/
2.	Self-Help Groups/ or exp Patient participation/
3.	health education/ or exp consumer health information/ or patient education as topic/ or Communication/ or Health Communication/
4.	patient education handout/
5.	teaching/ or exp Programmed Instruction as Topic/
6.	exp communications media/ or Hotlines/ or exp Internet/
7.	information centers/ or information services/ or learning/
8.	Information Dissemination/ or Health Knowledge, Attitudes, Practice/
9.	(self care or self-care or selfcare or selfhelp or self-help or self help or self-management or self management).ti,ab.
10.	(social support or support group*).ti,ab.
11.	((education* or learn* or training or teach*) adj2 (program* or patient* or consumer* or material* or resource* or aid*)).ti,ab.
12.	(information adj2 (resource* or leaflet* or pamphlet* or handout*)).ti,ab.
13.	(patient adj (information or knowledge or website*)).ti,ab.
14.	(workshop* or counse?ling or seminar* or discussion group*).ti,ab.
15.	(factsheet* or advice line* or advice-line* or help line* or help-line* or helpline*).ti,ab.
16.	or/1-15

Embase search terms

1.	self care/ or self help/ or social support/
2.	health education/ or patient education/ or patient participation/
3.	consumer health information/ or patient information/
4.	teaching/ or counseling/ or patient counseling/
5.	exp mass communication/ or interpersonal communication/
6.	information center/ or information dissemination/ or information service/
7.	learning/ or lifelong learning/ or self-directed learning/
8.	(self care or selfcare or self-care or selfhelp or self-help or self help or self-management or self management).ti,ab.
9.	(support group* or social support).ti,ab.

10.	((education* or learn* or training or teach*) adj2 (program* or patient* or consumer* or material* or resource* or aid*)).ti,ab.
11.	(information adj2 (resource* or leaflet* or pamphlet* or handout*)).ti,ab.
12.	(patient adj (information or knowledge or website*)).ti,ab.
13.	(workshop* or counse?ling or seminar* or discussion group*).ti,ab.
14.	(factsheet* or advice line* or advice-line* or help line* or help-line* or helpline*).ti,ab.
15.	or/1-14

Cochrane search terms

#1.	MeSH descriptor Self Care, this term only
#2.	MeSH descriptor Social Support explode all trees
#3.	MeSH descriptor Counseling, this term only
#4.	MeSH descriptor Self-Help Groups, this term only
#5.	MeSH descriptor Patient Participation, this term only
#6.	MeSH descriptor Health Education, this term only
#7.	MeSH descriptor Consumer Health Information explode all trees
#8.	MeSH descriptor Patient Education as Topic, this term only
#9.	MeSH descriptor Communication, this term only
#10.	MeSH descriptor Teaching, this term only
#11.	MeSH descriptor Programmed Instruction as Topic explode all trees
#12.	MeSH descriptor Communications Media explode all trees
#13.	MeSH descriptor Hotlines, this term only
#14.	MeSH descriptor Internet explode all trees
#15.	MeSH descriptor Information Centers, this term only
#16.	MeSH descriptor Information Services, this term only
#17.	MeSH descriptor Learning, this term only
#18.	MeSH descriptor Information Dissemination explode all trees
#19.	MeSH descriptor Health Knowledge, Attitudes, Practice explode all trees
#20.	(selfcare or "self care" or self-care or selfhelp or self-help or "self help" or self-management or "self management"):ti,ab
#21.	("social support" or "support group*"):ti,ab
#22.	((education* or training or teach* or learn*) near/2 (program* or consumer* or material* or aid* or resource* or patient*)):ti,ab
#23.	(information NEXT (resource* or leaflet* or pamphlet* or handout*)):ti,ab
#24.	(patient NEXT (information or knowledge or website*)):ti,ab
#25.	(workshop* or counseling or counselling or seminar* or "discussion group*"):ti,ab
#26.	(factsheet* or "advice line*" or advice-line* or help-line* or helpline* or "help line*"):ti,ab
#27.	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 or #22 or #23 or #24 OR #25 OR #26

Cinahl search terms

S1.	(MH "Self Care") or (MH "Support, Psychosocial") or (MH "Counseling") or (MH "Support Groups") or (MH "Consumer Participation") or (MH "Health Education") or (MH "Health Information") or (MH "Consumer Health Information") or (MH "Libraries, Consumer Health") or (MH "Patient Education") or (MH "Communication")
S2.	(MH "Teaching") or (MH "Self Directed Learning") or (MH "Teaching Materials") or (MH "Programmed Instruction+") or (MH "Seminars and Workshops") or (MH "Communications Media+") or (MH "Information Centers") or (MH "Telephone Information Services") or (MH "Library Services") or (MH "Information Services") or

	(MH "Pamphlets")
S3.	(MH "Learning") or (MH "Lifelong Learning") or (MH "Health Knowledge") or (MH "Information Needs")
S4.	(self-care or selfcare or self care or selfhelp or self-help or self help or self-management or self management) or (social support or support group* or workshop* or counseling or counselling or seminar* or discussion group*) or (factsheet* or advice line* or advice-line* or help line* or help-line* or helpline*)
S5.	(education N2 material* or education N2 resource* or education N2 aid*) or (learn* N2 material* or learn* n2 resource* or learn N2 aid*) or (training N2 resource* or training n2 aid* or training n2 material* or teach* N2 aid* or teach n2 resource* or teach N2 material*)
S6.	(education N2 program* or patient n2 education or consumer N2 education) or (learn* N2 program* or training n2 program* or consumer n2 program* or patient N2 program*) or (training N2 program* or patient n2 train* or consumer n2 train*)
S7.	information n2 resource* or information n2 leaflet* or information N2 pamphlet* or information N2 handout* or patient N2 information or patient n2 knowledge or patient N2 website*
S8.	S1 or S2 or S3 or S4 or S5 or S6 or S7

PsycINFO search terms

1.	exp self help techniques/
2.	social support/
3.	counseling/
4.	support groups/
5.	client participation/
6.	health education/ or client education/ or health knowledge/
7.	communication/ or information dissemination/
8.	computer assisted instruction/ or individualized instruction/ or programmed instruction/
9.	exp Communications Media/
10.	Teaching/
11.	hot line services/
12.	exp communication systems/
13.	information services/
14.	learning/
15.	(self care or selfcare or self-care or selfhelp or self-help or self help or self-management or self management).ti,ab.
16.	(support group\$ or social support).ti,ab.
17.	((education\$ or learn\$ or training or teach\$) adj2 (program\$ or patient\$ or consumer\$ or material\$ or resource\$ or aid\$)).ti,ab.
18.	(information adj2 (resource\$ or leaflet\$ or pamphlet\$ or handout\$)).ti,ab.
19.	(patient adj2 (information or knowledge or website\$)).ti,ab.
20.	(workshop\$ or counselling or seminar\$ or discussion group\$).ti,ab.
21.	(factsheet\$ or advice line\$ or advice-line\$ or help line\$ or help-line\$ or helpline\$).ti,ab.
22.	or/1-21

A.4.7.7 Psychological therapies

Medline search terms

1.	Cognitive Therapy/
2.	exp Biofeedback, Psychology/ or feedback/ or feedback, psychological/ or autogenic

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Literature search strategies

	training/
3.	Breathing Exercises/
4.	relaxation therapy/
5.	Muscle Relaxation/
6.	Relaxation/
7.	"Imagery (Psychotherapy)"/
8.	Meditation/
9.	Mind-Body Therapies/ or Mind-Body Relations, metaphysical/
10.	Psychotherapy/
11.	(cognitive adj behavior?r adj (therap* or treatment or technique*)).ti,ab.
12.	(neurofeedback or biofeedback).ti,ab.
13.	((controlled or paced or therap* or exercise*) adj2 breathing).ti,ab.
14.	(respirat* adj3 (training or exercise* or therap*)).ti,ab.
15.	(CBT or qigong).ti,ab.
16.	(guided adj2 (imagery or visuali*)).ti,ab.
17.	(mindfulness or meditation or attention* control training).ti,ab.
18.	((finger or hand) adj2 warming).ti,ab.
19.	(handwarming or fingerwarming).ti,ab.
20.	(relaxation adj2 (therap* or training)).ti,ab.
21.	(relaxation adj2 (muscle* or progressive or therap* or exercis* or technique* or training)).ti,ab.
22.	or/1-21

Embase search terms

1.	cognitive therapy/
2.	psychophysiology/
3.	feedback system/ or autogenic training/
4.	neurofeedback/ or neurofeedback training/
5.	breathing exercise/
6.	relaxation training/
7.	smooth muscle relaxation/ or muscle relaxation/
8.	guided imagery/
9.	meditation/
10.	psychotherapy/
11.	warming/
12.	(cognitive adj behavior?r* adj (therap* or treatment or technique*)).ti,ab.
13.	CBT.ti,ab.
14.	(neurofeedback or biofeedback).ti,ab.
15.	((controlled or paced or exercise* or therap*) adj2 breathing).ti,ab.
16.	(respirat* adj3 (training or exercise* or therap*)).ti,ab.
17.	qigong.ti,ab.
18.	(guided adj2 (imagery or visuali*)).ti,ab.
19.	(mindfulness or meditation or attention* control training).ti,ab.
20.	(finger warming or fingerwarming or hand warming or handwarming).ti,ab.
21.	(relaxation adj2 (muscle* or progressive or therap* or exercis* or technique* or training)).ti,ab.
22.	or/1-21

Cochrane search terms

#1.	MeSH descriptor Psychotherapy, this term only
#2.	MeSH descriptor Cognitive Therapy, this term only
#3.	MeSH descriptor Feedback, Psychological explode all trees

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#4.	MeSH descriptor Feedback, this term only
#5.	MeSH descriptor Autogenic Training, this term only
#6.	MeSH descriptor Breathing Exercises, this term only
#7.	MeSH descriptor Relaxation, this term only
#8.	MeSH descriptor Relaxation Therapy explode all trees
#9.	MeSH descriptor Muscle Relaxation, this term only
#10.	MeSH descriptor Imagery (Psychotherapy), this term only
#11.	MeSH descriptor Mind-Body Therapies, this term only
#12.	MeSH descriptor Mind-Body Relations, Metaphysical, this term only
#13.	(cognitive NEXT (behaviour* or behavior* or therap* or technique*)):ti,ab
#14.	(neurofeedback or biofeedback or CBT or qigong or handwarming or fingerwarming or hand-warming or finger-warming):ti,ab
#15.	((controlled or paced or therap* or exercis*) near/3 breathing):ti,ab
#16.	(respirat* NEXT (training or exercis* or therap*)):ti,ab
#17.	(guided NEXT (imagery or visuali*)):ti,ab
#18.	(mindfulness or meditation or " attention* control training"):ti,ab
#19.	((finger or hand) NEXT warming):ti,ab
#20.	(relaxation near/2 (muscle* or progressive or therap* or exercis* or technique* or training)):ti,ab
#21.	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20

Cinahl search terms

S1.	(MH "Biofeedback") or (MH "Cognitive Therapy") or (MH "Autogenic Training (Iowa NIC)") or (MH "Biofeedback (Iowa NIC)") or (MH "Breathing Exercises+") or (MH "Simple Relaxation Therapy (Iowa NIC)") or (MH "Progressive Muscle Relaxation (Iowa NIC)") or (MH "Relaxation Techniques") or (MH "Muscle Relaxation") or (MH "Guided Imagery") or (MH "Simple Guided Imagery (Iowa NIC)") or (MH "Psychotherapy")
S2.	(MH "Mind Body Techniques") or (MH "Meditation") or (MH "Qigong") or (MH "Meditation (Iowa NIC)")
S3.	(cognitive N3 therap* or cognitive N2 behaviour or cognitive n3 technique* or cognitive N2 behavior) or (neurofeedback or biofeedback or CBT or qigong or guided n2 imagery or visualization or guided n2 visuali*) or (mindfulness or meditation or attention* control training)
S4.	(controlled n2 breathing or paced n2 breathing or breathing n2 therap* or breathing n2 exercise* or respirat* N3 training or respirat* n3 exercise* or respirat* N3 therap*) or (finger n2 warming or hand n2 warming or handwarming or fingerwarming or hand-warming or finger-warming) or (relaxation n2 therap* or relaxation n2 training or progressive n3 relaxation or relaxation n3 exercise* or relaxation n3 technique*)
S5.	S1 or S2 or S3 or S4

PsycINFO search terms

1.	exp cognitive behavior therapy/
2.	exp biofeedback/
3.	autogenic training/
4.	respiration/
5.	exp relaxation therapy/
6.	muscle relaxation/ or relaxation/
7.	imagery/ or guided imagery/
8.	mindfulness/ or meditation/
9.	*behavior therapy/
10.	*psychotherapeutic techniques/

11.	(cognitive adj behavior?r adj (therap\$ or treatment or technique\$)).ti,ab.
12.	(neurofeedback or biofeedback).ti,ab.
13.	((controlled or paced or exercise\$ or therap\$) adj2 breathing).ti,ab.
14.	(respirat\$ adj3 (training or exercise\$ or therap\$)).ti,ab.
15.	(CBT or qigong).ti,ab.
16.	(guided adj2 (imagery or visuali\$)).ti,ab.
17.	(mindfulness or meditation or attention\$ control training).ti,ab.
18.	(finger warming or fingerwarming or hand warming or handwarming).ti,ab.
19.	((finger or hand) adj2 warming).ti,ab.
20.	(relaxation adj2 (therap\$ or muscle\$ or progressive or exercis\$ or technique\$ or training)).ti,ab.
21.	or/1-20

A.4.8 Fetal adverse events

A.4.8.1 Fetal adverse events – oxygen

Medline search terms

1.	exp Oxygen Inhalation Therapy/
2.	oxygen.ti,ab.
3.	or/1-2
4.	(pregnan* or prenatal).mp.
5.	3 and 4
6.	Abnormalities, Drug-Induced/
7.	3 and 6
8.	exp Oxygen Inhalation Therapy/ae, ct [Adverse Effects, Contraindications]
9.	or/5,7-8
10.	Pregnancy Outcome/
11.	((pregnan* or birth) adj2 outcome*).mp.
12.	exp Pregnancy Complications/
13.	exp Congenital Abnormalities/
14.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
15.	or/10-14
16.	9 and 15

Embase search terms

1.	exp oxygen therapy/
2.	oxygen*.ti,ab.
3.	or/1-2
4.	(pregnan* or prenatal).mp.
5.	3 and 4
6.	drug induced disease/
7.	exp adverse drug reaction/
8.	exp side effect/
9.	or/6-8
10.	3 and 9
11.	oxygen therapy/ae [Adverse Drug Reaction]
12.	or/5,10-11
13.	pregnancy outcome/
14.	((pregnan* or birth) adj2 outcome*).mp.

15.	exp pregnancy complication/
16.	exp congenital disorder/
17.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
18.	or/13-17
19.	12 and 18

A.4.8.2 Fetal adverse events – triptans

Medline search terms

1.	(pregnan* or prenatal).mp.
2.	Tryptamines/ or Sumatriptan/
3.	(triptan\$ or Almotriptan or Eletriptan or Frovatriptan or Naratriptan or Rizatriptan or Sumatriptan or Zolmitriptan).mp.
4.	(almogran or relpax or migard or naramig or maxalt or imigran or zomig).mp.
5.	or/2-4
6.	1 and 5
7.	Abnormalities, Drug-Induced/
8.	5 and 7
9.	Sumatriptan/ae, ct, po, to
10.	or/6,8-9
11.	Pregnancy Outcome/
12.	((pregnan* or birth) adj2 outcome*).mp.
13.	exp Pregnancy Complications/
14.	exp Congenital Abnormalities/
15.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
16.	or/11-15
17.	10 and 16

Embase search terms

1.	exp triptan derivative/
2.	(triptan\$ or Almotriptan or Eletriptan or Frovatriptan or Naratriptan or Rizatriptan or Sumatriptan or Zolmitriptan).mp.
3.	(almogran or relpax or migard or naramig or maxalt or imigran or zomig).mp.
4.	or/1-3
5.	(pregnan* or prenatal).mp.
6.	4 and 5
7.	triptan derivative/ae, to [Adverse Drug Reaction, Drug Toxicity]
8.	drug induced disease/
9.	exp adverse drug reaction/
10.	exp side effect/
11.	or/8-10
12.	4 and 11
13.	or/6-7,12
14.	pregnancy outcome/
15.	((pregnan* or birth) adj2 outcome*).mp.
16.	exp pregnancy complication/
17.	exp congenital disorder/
18.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
19.	or/14-18

20.	13 and 19
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A.4.8.3 Fetal adverse events – verapamil

Medline search terms

1.	exp Verapamil/
2.	(Verapamil or Calan or Cordilox or Dexverapamil or Falicard or Finoptin or Iproveratril or Isoptin or Isoptine or Izoptin or Lekoptin).ti,ab.
3.	or/1-2
4.	(pregnan* or prenatal).mp.
5.	3 and 4
6.	Abnormalities, Drug-Induced/
7.	3 and 6
8.	Verapamil/ae, ct, po, to [Adverse Effects, Contraindications, Poisoning, Toxicity]
9.	or/5,7-8
10.	Pregnancy Outcome/
11.	((pregnan* or birth) adj2 outcome*).mp.
12.	exp Pregnancy Complications/
13.	exp Congenital Abnormalities/
14.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
15.	or/10-14
16.	9 and 15

Embase search terms

1.	verapamil/
2.	(verapamil or Calan or Cordilox or Dexverapamil or Falicard or Finoptin or Iproveratril or Isoptin or Isoptine or Izoptin or Lekoptin).mp.
3.	or/1-2
4.	(pregnan* or prenatal).mp.
5.	3 and 4
6.	drug induced disease/
7.	exp adverse drug reaction/
8.	exp side effect/
9.	or/6-8
10.	3 and 9
11.	verapamil/ae [Adverse Drug Reaction]
12.	or/5,10-11
13.	pregnancy outcome/
14.	((pregnan* or birth) adj2 outcome*).mp.
15.	exp pregnancy complication/
16.	exp congenital disorder/
17.	((f?etal or f?etus or birth or neonatal or congenital or pregnan*) adj3 (complication* or abnormal* or defect* or malformation*)).mp.
18.	or/13-17
19.	12 and 18

A.5 Study filter search terms

A.5.1 Systematic review (SR) search terms

Medline search terms

1.	"review"/ or review.pt. or review.ti.
2.	(systematic or evidence* or methodol* or quantitativ*).ti,ab.
3.	1 and 2
4.	Meta-Analysis/
5.	Meta-Analysis as Topic/
6.	(meta-analy* or metanaly* or metaanaly* or meta analy*).ti,ab.
7.	((systematic* or evidence* or methodol* or quantitativ*) adj3 (review* or overview*)).ti,ab.
8.	((pool* or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
9.	or/3-8

Embase search terms

1.	"review"/ or review.pt. or review.ti.
2.	(systematic or evidence* or methodol* or quantitativ* or analys* or assessment*).ti,sh,ab.
3.	1 and 2
4.	Meta-Analysis/
5.	"systematic review"/
6.	(meta-analy* or metanaly* or metaanaly* or meta analy*).mp.
7.	((systematic* or evidence* or methodol* or quantitativ*) adj5 (review* or survey* or overview*)).ti,ab,sh.
8.	((pool* or combined or combining) adj (data or trials or studies or results)).ti,ab.
9.	or/3-8

PsycINFO search terms

1.	(meta analysis or systematic review).sh,md.
2.	literature review.sh,md.
3.	(metaanal* or meta anal* or metasynthes* or meta synthes*).tw.
4.	((systematic or quantitative or methodologic*) adj5 (overview* or review*)).tw.
5.	((quantitativ* or data) adj (extraction or synthesis)).tw.
6.	((bids or cinahl or cochrane or embase or index medicus or isi citation or medlars or psyclit or psychlit or scisearch or science citation or (web adj2 science)) and review*).tw.
7.	(pooled or pooling).tw.
8.	(research adj (review* or integration)).tw.
9.	(handsearch* or ((hand or manual) adj search*)).tw.
10.	((electronic or bibliographic) adj database*).tw.
11.	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
12.	(fixed effect* or random effect*).ti,ab.
13.	reference list*.ab.
14.	bibliograph*.ab.
15.	published studies.ab.
16.	relevant journals.ab.
17.	selection criteria.ab.
18.	or/1-17

Cinahl search terms

S1.	(MH "Literature Review") or TI review or PT review
S2.	TX systematic or TX evidence* or TX methodol* or TX quantitativ* or TX analys* or TX assessment*
S3.	(MH "Meta Analysis") or (TX pool* N2 data or TX pool* N2 trials or TX pool* N2 studies or TX pool* N2 results or TX combined N2 data or TX combined N2 trials or TX combined N2 studies or TX combined N2 results or TX combining N2 data or TX combining N2 trials or TX combining N2 studies or TX combining N2 results) or PT systematic review
S4.	(S1 and S2) or S3

A.5.2 Randomised controlled studies (RCTs) search terms

Medline search terms

1.	randomized controlled trial.pt.
2.	controlled clinical trial.pt.
3.	randomi#ed.ab.
4.	placebo.ab.
5.	randomly.ab.
6.	Clinical Trials as topic.sh.
7.	trial.ti.
8.	or/1-7

Embase search terms

1.	Randomized-Controlled-Trial/
2.	Crossover-Procedure/
3.	Single-Blind-Procedure/
4.	Double-Blind-Procedure/
5.	random*.ti,ab.
6.	factorial*.ti,ab.
7.	(crossover* or cross over* or cross-over*).ti,ab.
8.	((doubl* or singl*) adj blind*).ti,ab.
9.	(assign* or allocat* or volunteer*).ti,ab.
10.	or/1-9

PsycINFO search terms

1.	exp Clinical Trial/
2.	randomi*.ti,ab.
3.	((clinical* or control*) adj3 trial*).ti,ab.
4.	((singl* or doubl* or trebl* or tripl*) adj5 (blind* or mask*)).ti,ab.
5.	Placebos/ or placebo*.ti,ab.
6.	(volunteer* or "control group" or controls).ti,ab.
7.	((crossover or cross-over or cross over) adj2 (design* or stud* or procedure* or trial*)).ti,ab.
8.	or/1-7

Cinahl search terms

S1.	((MH "Random Assignment") or (MH "Random Sample+") or (MH "Crossover Design") or (MH "Clinical Trials+") or (MH "Comparative Studies") or (MH "Control (Research)+") or (MH "Control Group") or (MH "Factorial Design") or (MH "Quasi-Experimental Studies+") or (MH "Placebos") or (MH "Meta Analysis") or (MH "Sample Size") or (MH "Research, Nursing") or (MH "Research Question") or (MH "Research Methodology+") or (MH "Evaluation Research+") or (MH "Concurrent Prospective Studies") or (MH "Prospective Studies") or (MH "Nursing Practice, Research-Based")
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	or (MH "Solomon Four-Group Design") or (MH "One-Shot Case Study") or (MH "Pretest-Posttest Design+") or (MH "Static Group Comparison") or (MH "Study Design") or (MH "Clinical Research+")) or (clinical nursing research or random* or cross?over or placebo* or control* or factorial or sham* or meta?analy* or systematic review* or blind* or mask* or trial*)
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A.5.3 Observational studies search terms

Medline search terms

1.	Epidemiologic studies/
2.	exp case control studies/
3.	exp cohort studies/
4.	Cross-sectional studies/
5.	case control.ti,ab.
6.	(cohort adj (study or studies or analys*)).ti,ab.
7.	((follow up or observational or uncontrolled or non randomi#ed) adj (study or studies)).ti,ab.
8.	((longitudinal or retrospective or prospective) and (study or studies or review or analys* or cohort*)).ti,ab.
9.	cross sectional.ti,ab.
10.	or/1-9

Embase search terms

1.	epidemiology/
2.	exp case control study/
3.	cohort analysis/
4.	cross-sectional study/
5.	case control.ti,ab.
6.	(cohort adj (study or studies or analys*)).ti,ab.
7.	((follow up or observational or uncontrolled or non randomi#ed) adj (study or studies)).ti,ab.
8.	((longitudinal or retrospective or prospective) and (study or studies or review or analys* or cohort*)).ti,ab.
9.	cross sectional.ti,ab.
10.	or/1-9

A.5.4 Diagnostic accuracy search terms

Medline search terms

1.	exp "sensitivity and specificity"/
2.	(sensitivity or specificity).ti,ab.
3.	((pre test or pretest or post test) adj probability).ti,ab.
4.	(predictive value* or PPV or NPV).ti,ab.
5.	likelihood ratio*.ti,ab.
6.	likelihood function/
7.	(ROC curve* or AUC).ti,ab.
8.	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
9.	gold standard.ab.
10.	or/1-9

Embase search terms

1.	exp "sensitivity and specificity"/
2.	(sensitivity or specificity).ti,ab.
3.	((pre test or pretest or post test) adj probability).ti,ab.
4.	(predictive value* or PPV or NPV).ti,ab.
5.	likelihood ratio*.ti,ab.
6.	(ROC curve* or AUC).ti,ab.
7.	(diagnos* adj2 (performance* or accurac* or utilit* or value* or efficien* or effectiveness)).ti,ab.
8.	diagnostic accuracy/
9.	diagnostic test accuracy study/
10.	gold standard.ab.
11.	or/1-10

A.5.5 Health economic search terms

Medline search terms

1.	exp "Costs and Cost Analysis"/
2.	Economics/
3.	Economics, Nursing/ or Economics, Medical/ or Economics, Hospital/ or Economics, Pharmaceutical/
4.	exp "Fees and Charges"/
5.	exp Budgets/
6.	budget*.tw.
7.	cost*.ti.
8.	(cost* adj2 (effective* or utilit* or benefit* or minimi*)).ab.
9.	(economic* or pharmaco-economic* or pharmaco-economic*).ti.
10.	(price* or pricing*).tw.
11.	(financial or finance or finances or financed).tw.
12.	(fee or fees).tw.
13.	(value adj2 (money or monetary)).tw.
14.	or/1-13
15.	exp models, economic/
16.	models, theoretical/ or models, organizational/
17.	economic model*.tw.
18.	markov chains/
19.	markov*.tw.
20.	Monte Carlo Method/
21.	monte carlo.tw.
22.	exp Decision Theory/
23.	(decision* adj2 (tree* or analy* or model*)).tw.
24.	or/15-23
25.	14 or 24

A.5.6 Quality of life search terms

Medline search terms

1.	quality adjusted life.tw.
2.	(qaly* or qald* or qale* or qtime*).tw.
3.	disability adjusted life.tw.
4.	daly*.tw.
5.	(sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or

	shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).tw.
6.	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).tw.
7.	(sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).tw.
8.	(sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).tw.
9.	(sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).tw.
10.	(euroqol or euro qol or eq5d or eq 5d).tw.
11.	(hql or hqol or h qol or hrqol or hr qol).tw.
12.	(hye or hyes).tw.
13.	health* equivalent* year*.tw.
14.	(hui or hui1 or hui2 or hui3).tw.
15.	health utilit*.tw.
16.	disutilit*.tw.
17.	rosser.tw.
18.	(quality of wellbeing or quality of well being).tw.
19.	qwb.tw.
20.	willingness to pay.tw.
21.	standard gamble*.tw.
22.	time trade off.tw.
23.	time tradeoff.tw.
24.	tto.tw.
25.	or/1-24

Embase search terms

1.	quality adjusted life.tw.
2.	(qaly* or qald* or qale* or qtime*).tw.
3.	disability adjusted life.tw.
4.	daly*.tw.
5.	(sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).tw.
6.	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).tw.
7.	(sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).tw.
8.	(sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).tw.
9.	(sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).tw.
10.	(euroqol or euro qol or eq5d or eq 5d).tw.
11.	(hql or hqol or h qol or hrqol or hr qol).tw.
12.	(hye or hyes).tw.
13.	health* equivalent* year*.tw.
14.	(hui or hui1 or hui2 or hui3).tw.
15.	health utilit*.tw.
16.	disutilit*.tw.
17.	rosser.tw.

18.	(quality of wellbeing or quality of well being).tw.
19.	qwb.tw.
20.	willingness to pay.tw.
21.	standard gamble*.tw.
22.	time trade off.tw.
23.	time tradeoff.tw.
24.	tto.tw.
25.	or/1-24

A.6 Patient information (complete search strategies)

Medline search terms

1.	*Headache/
2.	*headache disorders/ or exp *headache disorders, primary/
3.	(headache* or migraine*).ti.
4.	or/1-3
5.	"patient acceptance of health care"/ or exp patient satisfaction/
6.	Patient Education as Topic/
7.	(information* adj3 (patient* or need* or requirement* or support* or seek* or access* or disseminat*)).ti,ab.
8.	((client* or patient* or user* or carer* or consumer* or customer*) adj2 (attitud* or priorit* or perception* or preferen* or expectation* or choice* or perspective* or view* or satisfact* or inform* or experience or experiences or opinion*)).ti,ab.
9.	or/5-8
10.	qualitative research/
11.	exp Interviews as Topic/
12.	exp Questionnaires/
13.	health care surveys/
14.	(qualitative or interview* or focus group* or theme* or questionnaire* or survey*).ti,ab.
15.	or/10-14
16.	4 and 9 and 15

Embase search terms

1.	exp *chronic daily headache/ or *headache/ or exp *migraine/ or *primary headache/ or exp *tension headache/
2.	(headache* or migraine*).ti.
3.	or/1-2
4.	patient attitude/ or patient preference/ or patient satisfaction/ or consumer attitude/
5.	patient information/ or consumer health information/
6.	patient education/
7.	(information* adj3 (patient* or need* or requirement* or support* or seek* or access* or disseminat*)).ti,ab.
8.	((client* or patient* or user* or carer* or consumer* or customer*) adj2 (attitud* or priorit* or perception* or preferen* or expectation* or choice* or perspective* or view* or satisfact* or inform* or experience or experiences or opinion*)).ti,ab.
9.	or/4-8
10.	qualitative research/
11.	exp interview/
12.	exp questionnaire/
13.	health care survey/

14.	(qualitative or interview* or focus group* or theme* or questionnaire* or survey*).ti,ab.
15.	or/10-14
16.	3 and 9 and 15

Cinahl search terms

S1.	(MH "Headache+")
S2.	headache* or migraine*
S3.	S1 or S2
S4.	(MH "Patient Satisfaction")
S5.	(MH "Patient Attitudes")
S6.	((client* or patient* or user* or carer* or consumer* or customer*) n2 (attitud* or priorit* or perception* or preferen* or expectation* or choice* or perspective* or view* or satisfact* or inform* or experience or experiences or opinion*))
S7.	information* n3 (patient* or need* or requirement* or support* or seek* or access* or disseminat*)
S8.	S4 or S5 or S6 or S7
S9.	(MH "Qualitative Studies+")
S10.	(MH "Qualitative Validity+")
S11.	(MH "Interviews+") or (MH "Focus Groups") or (MH "Surveys")
S12.	(MH "Questionnaires+")
S13.	qualitative or interview* or focus group* or theme* or questionnaire* or survey*
S14.	S9 or S10 or S11 or S12 or S13
S15.	S3 and S8 and S14

A.7 References

- 1 National Institute for Health and Clinical Excellence. The Guidelines Manual. London: National Institute for Health and Clinical Excellence; 2009. Available from:
<http://www.nice.org.uk/aboutnice/howwework/developingniceclinicalguidelines/clinicalguidelinedevelopmentmethods/GuidelinesManual2009.jsp>