

## Bilaga till rapport

Preventiva insatser vid akut smärta från rygg och nacke - Effekter av fysisk träning, manuell behandling och beteendepåverkande åtgärder, nr 245 (2016)

### Appendix 4 Search strategies/Bilaga 4 Sökstrategier

Cinahl via EBSCO 14 April 2014 Therapy for acute pain		
	Search terms	Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	(MH "Back Pain") OR (MH "Low Back Pain") OR (MH "Breakthrough Pain") OR (MH "Neck Pain") OR (MH "Whiplash Injuries") OR (MH "Shoulder Pain") OR (MH "Sciatica") OR (MH "Joint Instability+")	23,492
2.	TI (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago)	11,277
3.	TX (Back OR shoulder* OR neck OR spine) AND ("sub-acute pain" OR "subacute pain" OR "acute pain")	191
4.	AB (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago) Limiters - Search Only Pre-CINAHL	396
5.	TX prevent* N2 (chronic OR chronicity OR persistent) N2 Pain Limiters - Search Only Pre-CINAHL	4
6.	<b>1 OR 2 OR 3 OR 4 OR 5</b>	<b>25,245</b>
<b>Study types: RCTs (Cinahl Clinical queries, therapy. Sensitive)</b>		
7.	<b>6 AND Limiters - Clinical Queries: Therapy - High Specificity</b>	<b>880</b>
8.	<b>6 AND Limiters - Publication Type: Meta Analysis, Systematic Review</b>	<b>778</b>

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the

database's searchable fields

ZC = Methodology Index

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

Cochrane Library via Wiley 15 April 2014 (CDSR, DARE, HTA, EED) Therapy for acute pain		
	Search terms	Items found
<b>Population: persons with pain (neck-, shoulder-, spine- or whiplash)</b>		
9.	"Neck Pain"[MeSH] OR "Shoulder Pain"[Mesh] "Whiplash Injuries"[Mesh] OR "Back Pain"[Mesh] OR Musculoskeletal Pain[MeSH] OR Sciatica[MeSH] OR Joint Instability[MeSH]	4589
10.	((((Back or shoulder* or neck) and Pain) or whiplash or lumbago OR sciatica):ti,ab,kw	9408
11.	<b>1 OR 2</b>	<b>10018</b>
<b>Population: persons with acute/subacute pain</b>		
12.	Acute Pain[MeSH] OR Acute Disease[MeSH] OR Chronic Pain/prevention and control[MeSH]	8961
13.	(acute OR subacute OR sub-acute OR preventing persistent OR Preventing progression OR prevents development OR preventing development):tx	70084
14.	<b>4 OR 5</b>	<b>70103</b>
<b>Combined sets</b>		
15.	<b>3 AND 6</b>	CDSR/171 DARE/108 HTA/17 EED/33

The search result, usually found at the end of the documentation, forms the list of abstracts

Cochrane Library via Wiley 15 April 2014 (CENTRAL) Therapy for acute pain		
	Search terms	Items found
<b>Population: persons with pain (neck-, shoulder-, spine- or whiplash)</b>		
1.	"Neck Pain"[MeSH] OR "Shoulder Pain"[Mesh] "Whiplash Injuries"[Mesh] OR "Back Pain"[Mesh] OR Musculoskeletal Pain[MeSH] OR Sciatica[MeSH] OR Joint Instability[MeSH] <i>explode all trees and with qualifier(s): [Prevention &amp; control - PC, Psychology - PX, Rehabilitation - RH, Therapy - TH]</i>	2766
2.	((((Back or shoulder* or neck) and Pain) or whiplash or lumbago OR sciatica):ti	4491
3.	<b>1 OR 2</b>	<b>5455</b>

<b>Population: persons with acute/subacute pain</b>		
4.	Acute Pain[MeSH] OR Acute Disease[MeSH] OR Chronic Pain/prevention and control[MeSH]	8961
5.	(acute OR subacute OR sub-acute OR preventing persistent OR Preventing progression OR prevents development OR preventing development):tx	70084
6.	<b>4 OR 5</b>	<b>70103</b>
<b>Combined sets</b>		
7.	<b>3 AND 6</b>	Central/768

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments

PsycInfo via EBSCO 15 April 2014 Therapy for acute pain		
	Search terms	Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	DE "Back Pain" OR DE "Whiplash" OR ((DE "Shoulder (Anatomy)" OR DE "Neck (Anatomy)") AND (MM "Pain" OR MM "Somatoform Pain Disorder"))	3,310
2.	TI (((Back OR shoulder* OR neck) AND (Pain)) OR whiplash OR lumbago)	2,514
3.	AB whiplash OR lumbago OR ((Back OR shoulder* OR neck OR spine OR spinal) N2 (Pain) N2 (acute OR subacute OR sub-acute OR prevent* OR delay*)) OR KW whiplash OR lumbago OR ((Back OR shoulder* OR neck OR spinal) N2 (Pain) N2 (acute OR subacute OR sub-acute OR prevent* OR delay*))	761
4.	<b>1 OR 2 OR 3</b>	<b>3,738</b>
<b>Combined sets, limited to study type</b>		
5.	<b>4 AND Limiters - Methodology: TREATMENT OUTCOME/CLINICAL TRIAL</b>	<b>212</b>
6.	<b>4 AND Limiters - Methodology: -Systematic Review, -Meta Analysis</b>	<b>89</b>

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Pubmed via NLM 14 April 2014 Therapy for acute pain		
	Search terms	Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	"Neck Pain"[MAJR] OR "Neck Pain/rehabilitation"[MeSH] OR "Neck Pain/psychology"[MeSH] OR "Neck Pain/prevention and control"[MeSH] OR "Shoulder Pain"[MAJR] OR "Shoulder Pain/rehabilitation"[MeSH] OR "Shoulder Pain/psychology"[MeSH]	25708

	OR "Shoulder Pain/prevention and control"[MeSH] OR "Back Pain"[MAJR] OR "Back Pain/rehabilitation"[Mesh] OR "Back Pain/psychology"[Mesh] OR "Back Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain"[Majr]OR "Musculoskeletal Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain/psychology"[Mesh] OR "Musculoskeletal Pain/rehabilitation"[Mesh]	
2.	"Whiplash Injuries"[MAJR] OR "Whiplash Injuries/rehabilitation"[MeSH] OR "Whiplash Injuries/psychology"[MeSH] OR "Whiplash Injuries/prevention and control"[MeSH] OR "Sciatica"[Majr] OR "Sciatica/prevention and control"[Mesh] OR "Sciatica/psychology"[Mesh] OR "Sciatica/rehabilitation"[Mesh] OR "Joint Instability"[Majr] OR "Joint Instability/prevention and control"[Mesh] OR "Joint Instability/psychology"[Mesh] OR "Joint Instability/rehabilitation"[Mesh]	14944
3.	((Back[ti] OR shoulder[ti] OR shoulders[ti] OR neck[ti] OR acute[ti]) AND Pain[ti]) OR whiplash[ti] OR lumbago[ti] OR dorsalgia[ti]) NOT Medline[SB]	2852
4.	(Back[tiab] OR shoulder*[tiab] OR neck[tiab]) AND (Acute pain[MeSH] OR sub-acute pain[tiab] OR subacute pain[tiab] OR acute pain[tiab] OR preventing persistent pain[tiab] OR Preventing progression to chron*[tiab] OR prevents development of chronic pain[tiab])	370
5.	<b>1 OR 2 OR 3 OR 4</b>	<b>42458</b>
<b>Combined sets, limited to study type (Pubmed Systematic Reviews Subset and Clinical queries Therapy Specific with modifications)</b>		
6.	<b>5 AND systematic[SB]</b>	<b>1844</b>
7.	<b>5 AND (randomized controlled trial[Publication Type] OR ((randomized[Title/Abstract] OR randomised[Title/Abstract]) AND controlled[Title/Abstract] AND trial[Title/Abstract]))</b>	<b>3236</b>

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[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

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**Complimentary, non-systematic, searches**

PEDro 15 April 2014 Therapy for acute pain		
	Search terms	Items found
8.	Problem: Pain	
9.	Title: Sub-acute OR subacute OR acute	
10.	<b>1 AND 2</b>	<b>47 selected</b>

The search result, usually found at the end of the documentation, forms the list of abstracts

Scopus 15 April 2014 Therapy for acute pain		
	Search terms	Items found
11.	TITLE((back OR shoulder OR shoulders OR neck) AND pain AND (sub-acute OR acute OR subacute))	
12.	TITLE(random* AND trial)	
13.	<b>1 AND 2</b>	<b>126</b>

The search result, usually found at the end of the documentation, forms the list of abstracts

AMED via ProQuest Dialog 15 April 2014 Therapy for acute pain		
	<b>Search terms</b>	<b>Items found</b>
14.	ti (back OR shoulder OR shoulders OR neck)	
15.	ti(pain)	
16.	ti(sub-acute OR acute OR subacute)	
17.	ti((randomised OR randomized) AND trial)	
18.	<b>1 AND 2 AND 3 AND 4</b>	(45) <b>21 selected</b>

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database's searchable fields

## Update 16 June 2015

Cinahl via EBSCO 16 June 2015

Title: Therapy for acute pain

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	(MH "Back Pain") OR (MH "Low Back Pain") OR (MH "Breakthrough Pain") OR (MH "Neck Pain") OR (MH "Whiplash Injuries") OR (MH "Shoulder Pain") OR (MH "Sciatica") OR (MH "Joint Instability+")	25,335
2.	TI (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago)	12,148
3.	TX (Back OR shoulder* OR neck OR spine) AND ("sub-acute pain" OR "subacute pain" OR "acute pain")	207
4.	AB (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago) Limiters - Search Only Pre-CINAHL	405
5.	TX prevent* N2 (chronic OR chronicity OR persistent) N2 Pain Limiters - Search Only Pre-CINAHL	3
6.	<b>1 OR 2 OR 3 OR 4 OR 5</b>	<b>27,203</b>
<b>Combined Set, limited to Study types: Systematic reviews &amp; RCTs (Cinahl Clinical queries, therapy. Sensitive)</b>		
7.	<b>6 AND Limiters - Clinical Queries: Therapy - High Specificity</b>	<b>964</b>
8.	<b>6 AND Limiters - Publication Type: Meta Analysis, Systematic Review</b>	<b>871</b>

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Search terms		Items found
<b>Population: persons with pain (neck-, shoulder-, spine- or whiplash)</b>		
9.	"Neck Pain"[MeSH]	607
10.	"Shoulder Pain"[Mesh]	445
11.	"Whiplash Injuries"[Mesh]	175
12.	"Back Pain"[Mesh]	2999
13.	Musculoskeletal Pain[MeSH]	121
14.	Sciatica[MeSH]	233
15.	Joint Instability[MeSH]	583
16.	((Back or shoulder* or neck) and Pain) or whiplash or lumbago OR sciatica):ti,ab,kw	11677
17.	<b>1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8</b>	<b>12316</b>
<b>Population: persons with acute/subacute pain</b>		
18.	Acute Pain[MeSH]	79
19.	Acute Disease[MeSH]	9012
20.	Chronic Pain/prevention and control[MeSH]	32
21.	(acute OR subacute OR sub-acute OR preventing persistent OR Preventing progression OR prevents development OR preventing development):tx	85335
22.	<b>10 OR 11 OR 12 OR 13</b>	
<b>Combined sets</b>		
23.	<b>9 AND 14</b>	CDSR/ <b>237</b> DARE/ <b>117</b> HTA/ <b>17</b> EED/ <b>34</b>

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Search terms		Items found
<b>Population: persons with pain (neck-, shoulder-, spine- or whiplash)</b>		
24.	"Neck Pain"[MeSH] OR "Shoulder Pain"[Mesh] "Whiplash Injuries"[Mesh] OR "Back Pain"[Mesh] OR Musculoskeletal Pain[MeSH] OR Sciatica[MeSH] OR Joint Instability[MeSH]	2843

*explode all trees and with qualifier(s): [Prevention & control - PC, Psychology - PX, Rehabilitation - RH, Therapy - TH]*

25.	((Back or shoulder* or neck) and Pain) or whiplash or lumbago OR sciatica):ti	5670
26.	<b>1 OR 2</b>	<b>6667</b>
<b>Population: persons with acute/subacute pain</b>		
27.	Acute Pain[MeSH] OR Acute Disease[MeSH] OR Chronic Pain/prevention and control[MeSH]	9111
28.	(acute OR subacute OR sub-acute OR preventing persistent OR Preventing progression OR prevents development OR preventing development):tx	85335
29.	<b>4 OR 5</b>	<b>85352</b>
<b>Combined sets</b>		
30.	<b>3 AND 6</b>	Central/ <b>900</b>

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CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments

PsycInfo via EBSCO 16 June 2015

Title: Therapy for acute pain

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	DE "Back Pain" OR DE "Whiplash" OR ((DE "Shoulder (Anatomy)" OR DE "Neck (Anatomy)") AND (MM "Pain" OR MM "Somatoform Pain Disorder"))	3,618
2.	TI (((Back OR shoulder* OR neck) AND (Pain)) OR whiplash OR lumbago)	3,641
3.	AB whiplash OR lumbago OR ((Back OR shoulder* OR neck OR spine OR spinal) N2 (Pain) N2 (acute OR subacute OR sub-acute OR prevent* OR delay*)) OR KW whiplash OR lumbago OR ((Back OR shoulder* OR neck OR spinal) N2 (Pain) N2 (acute OR subacute OR sub-acute OR prevent* OR delay*))	5,479
4.	<b>1 OR 2 OR 3</b>	<b>6,167</b>
<b>Combined sets, limited to study type</b>		
5.	<b>4 AND Limiters - Methodology: TREATMENT OUTCOME/CLINICAL TRIAL</b>	<b>287</b>
6.	<b>4 AND Limiters - Methodology: -Systematic Review, -Meta Analysis</b>	<b>140</b>

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Pubmed via NLM 16 June 2015

Title: Therapy for acute pain

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	"Neck Pain"[MAJR] OR "Neck Pain/rehabilitation"[MeSH] OR "Neck Pain/psychology"[MeSH] OR "Neck Pain/prevention and control"[MeSH] OR "Shoulder Pain"[MAJR] OR "Shoulder Pain/rehabilitation"[MeSH] OR "Shoulder Pain/psychology"[MeSH] OR "Shoulder Pain/prevention and control"[MeSH] OR "Back Pain"[MAJR] OR "Back	27990

	Pain/rehabilitation"[Mesh] OR "Back Pain/psychology"[Mesh] OR "Back Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain"[Majr]OR "Musculoskeletal Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain/psychology"[Mesh] OR "Musculoskeletal Pain/rehabilitation"[Mesh]	
2.	"Whiplash Injuries"[MAJR] OR "Whiplash Injuries/rehabilitation"[MeSH] OR "Whiplash Injuries/psychology"[MeSH] OR "Whiplash Injuries/prevention and control"[MeSH] OR "Sciatica"[Majr] OR "Sciatica/prevention and control"[Mesh] OR "Sciatica/psychology"[Mesh] OR "Sciatica/rehabilitation"[Mesh] OR "Joint Instability"[Majr] OR "Joint Instability/prevention and control"[Mesh] OR "Joint Instability/psychology"[Mesh] OR "Joint Instability/rehabilitation"[Mesh]	15967
3.	((Back[ti] OR shoulder[ti] OR shoulders[ti] OR neck[ti] OR acute[ti]) AND Pain[ti]) OR whiplash[ti] OR lumbago[ti] OR dorsalgia[ti]) NOT Medline[SB]	3282
4.	(Back[tiab] OR shoulder*[tiab] OR neck[tiab]) AND (Acute pain[MeSH] OR sub-acute pain[tiab] OR subacute pain[tiab] OR acute pain[tiab] OR preventing persistent pain[tiab] OR Preventing progression to chron*[tiab] OR prevents development of chronic pain[tiab])	437
5.	<b>1 OR 2 OR 3 OR 4</b>	<b>46186</b>
<b>Combined sets, limited to study type (Pubmed Systematic Reviews Subset and Clinical queries Therapy Specific with modifications)</b>		
6.	<b>5 AND systematic[SB]</b>	<b>2152</b>
7.	<b>5 AND (randomized controlled trial[Publication Type] OR ((randomized[Title/Abstract] OR randomised[Title/Abstract]) AND controlled[Title/Abstract] AND trial[Title/Abstract]))</b>	<b>3687</b>

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[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

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[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

Complimentary, narrow non-systematic searches

PEDro 17 June 2015

Title: Therapy for acute pain

Search terms		Items found
<b>Population: XX</b>		
8.	Problem: Pain	
9.	Title: Sub-acute OR subacute OR acute	
10.		
<b>Intervention: XX / Index test: XX</b>		
11.		
12.		
13.		
<b>Combined sets</b>		
14.	<b>XXX</b>	<b>XX</b>

The search result, usually found at the end of the documentation, forms the list of abstracts.

Scopus via Elsevier 17 June 2015  
 Title: Therapy for acute pain

Search terms		Items found
15.	TITLE((back OR shoulder OR shoulders OR neck) AND pain AND (sub-acute OR acute OR subacute))	1,230
16.	TITLE(random* AND trial)	89,970
17.	<b>1 AND 2</b>	<b>114</b>

The search result, usually found at the end of the documentation, forms the list of abstracts.

AMED (Allied & Complementary Medicine) via ProQuest Dialog 17 June 2015  
 Title: Therapy for acute pain

Search terms		Items found
18.	ti (back OR shoulder OR shoulders OR neck)	8072
19.	Ti (pain)	12252
20.	ti(sub-acute OR acute OR subacute)	3307
21.	ti((randomised OR randomized) AND trial)	8389
22.	<b>1 AND 2 AND 3 AND 4</b>	<b>78</b>

The search result, usually found at the end of the documentation, forms the list of abstracts.



# Health economic aspects

Cinahl via EBSCO 5 February 2015

Title: Therapy for acute pain –Health economic aspects

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	(MH "Back Pain") OR (MH "Low Back Pain") OR (MH "Breakthrough Pain") OR (MH "Neck Pain") OR (MH "Whiplash Injuries") OR (MH "Shoulder Pain") OR (MH "Sciatica") OR (MH "Joint Instability+")	24,486
2.	TI (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago)	11,767
3.	TX (Back OR shoulder* OR neck OR spine) AND ("sub-acute pain" OR "subacute pain" OR "acute pain")	198
4.	AB (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago) Limiters - Search Only Pre-CINAHL	372
5.	TX prevent* N2 (chronic OR chronicity OR persistent) N2 Pain Limiters - Search Only Pre-CINAHL	1
6.	<b>1 OR 2 OR 3 OR 4 OR 5</b>	<b>26,296</b>
<b>Health economic aspects</b>		
7.	(MH "Economics") OR (MH "Costs and Cost Analysis+") OR (MH "Economic Aspects of Illness") OR (MH "Economic Value of Life") OR (MH "Economics, Dental") OR (MH "Economics, Pharmaceutical") OR (MH "Fees and Charges+") OR (MH "Quality-Adjusted Life Years")	72,268
8.	(TI "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" Or "cost savings" OR "cost breakdown" OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmaco-economic* OR "icer" OR economic evaluation* OR "economic analyses" OR "economic study" OR "economic studies" OR qaly* OR "quality adjusted life" OR "disability adjusted life" OR daly* OR qald* OR qale* OR qtime* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalents" OR "healthy years equivalent" OR "healthy years equivalents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay") OR (AB "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" Or "cost savings" OR "cost breakdown"	42,641

OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmaco-economic\* OR "icer" OR economic evaluation\* OR "economic analyses" OR "economic study" OR "economic studies" OR qaly\* OR "quality adjusted life" OR "disability adjusted life" OR daly\* OR qald\* OR qale\* OR qtime\* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalentents" OR "healthy years equivalent" OR "healthy years equivalentents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay")

9.	TI (economic* OR cost OR costs OR costing OR costly)	29,364
10.	7 OR 8 OR 9	89,496
<b>Combined sets</b>		
11.	6 AND 10	693

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Cochrane Library via Wiley 4 May 2015 (EED, HTA)

Title: Therapy for acute pain –Health economic aspects

Search terms		Items found
<b>Population: persons with pain (neck-, shoulder-, spine- or whiplash)</b>		
1.	"Neck Pain"[MeSH] OR "Shoulder Pain"[Mesh] "Whiplash Injuries"[Mesh] OR "Back Pain"[Mesh] OR Musculoskeletal Pain[MeSH] OR Sciatica[MeSH] OR Joint Instability[MeSH]	4737
2.	((Back or shoulder* or neck) and Pain) or whiplash or lumbago OR sciatica):ti,ab,kw	11060
3.	1 OR 2	11682

**Population: persons with acute/subacute pain**

4.	Acute Pain[MeSH] OR Acute Disease[MeSH] OR Chronic Pain/prevention and control[MeSH]	9080
5.	(acute OR subacute OR sub-acute OR "preventing persistent" OR "Preventing progression" OR "prevents development" OR "preventing development"):tx	75776
6.	<b>4 OR 5</b>	75795
<b>Combined sets</b>		
7.	<b>3 AND 6</b>	<b>HTA/17 EED/34</b>

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[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments

PubMed via NLM 4 February 2015

Title: Therapy for acute pain –Health economic aspects

Search terms	Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>	
1. "Neck Pain"[MAJR] OR "Neck Pain/rehabilitation"[MeSH] OR "Neck Pain/psychology"[MeSH] OR "Neck Pain/prevention and control"[MeSH] OR "Shoulder Pain"[MAJR] OR "Shoulder Pain/rehabilitation"[MeSH] OR "Shoulder Pain/psychology"[MeSH] OR "Shoulder Pain/prevention and control"[MeSH] OR "Back Pain"[MAJR] OR "Back Pain/rehabilitation"[Mesh] OR "Back Pain/psychology"[Mesh] OR "Back Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain"[Majr]OR	27332

	"Musculoskeletal Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain/psychology"[Mesh] OR "Musculoskeletal Pain/rehabilitation"[Mesh]	
2.	"Whiplash Injuries"[MAJR] OR "Whiplash Injuries/rehabilitation"[MeSH] OR "Whiplash Injuries/psychology"[MeSH] OR "Whiplash Injuries/prevention and control"[MeSH] OR "Sciatica"[Majr] OR "Sciatica/prevention and control"[Mesh] OR "Sciatica/psychology"[Mesh] OR "Sciatica/rehabilitation"[Mesh] OR "Joint Instability"[Majr] OR "Joint Instability/prevention and control"[Mesh] OR "Joint Instability/psychology"[Mesh] OR "Joint Instability/rehabilitation"[Mesh]	15727
3.	((Back[ti] OR shoulder[ti] OR shoulders[ti] OR neck[ti] OR acute[ti]) AND Pain[ti]) OR whiplash[ti] OR lumbago[ti] OR dorsalgia[ti]) NOT Medline[SB]	3069
4.	(Back[tiab] OR shoulder*[tiab] OR neck[tiab]) AND (Acute pain[MeSH] OR sub-acute pain[tiab] OR subacute pain[tiab] OR acute pain[tiab] OR preventing persistent pain[tiab] OR Preventing progression to chron*[tiab] OR prevents development of chronic pain[tiab])	412
5.	<b>1 OR 2 OR 3 OR 4</b>	<b>45084</b>

### Health economic aspects (NHS EED search filter, modified for PubMed)

6.	((("Economics"[Mesh:NoExp] OR "Costs and Cost Analysis"[Mesh] OR "Economics, Dental"[Mesh] OR "Economics, Hospital"[Mesh] OR "Economics, Medical"[Mesh] OR "Economics, Nursing"[Mesh] OR "Economics, Pharmaceutical"[Mesh] OR economic*[Title/Abstract] OR cost[Title/Abstract] OR costs[Title/Abstract] OR costly[Title/Abstract] OR costing[Title/Abstract] OR price[Title/Abstract] OR prices[Title/Abstract] OR pricing[Title/Abstract] OR pharmaco-economic*[Title/Abstract] OR "value for money"[Title/Abstract] OR budget*[Title/Abstract] OR (expenditure*[Title/Abstract] NOT energy[Title/Abstract])) NOT (energy cost[Title/Abstract] OR oxygen cost[Title/Abstract] OR metabolic cost[Title/Abstract] OR energy expenditure[Title/Abstract] OR oxygen expenditure[Title/Abstract]))	627448
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### Combined sets

7.	<b>5 AND 6</b>	<b>2091</b>
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The search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	TITLE((back OR shoulder OR shoulders OR neck) AND pain AND (sub-acute OR acute OR subacute))	1203
<b>Health economic aspects (filter: SBU search strategy 30 October 2012)</b>		
2.	TITLE-ABS-KEY(costs OR "resource allocation" OR "cost utility" OR "cost benefit" OR "Cost effectiveness" OR "cost analysis" OR icer OR "economic evaluation" OR "economic analysis" OR "quality adjusted life" Or qaly OR "willingness to pay" OR "willingness to accept" OR "willing to pay")	186758 6
<b>Combined sets</b>		
3.	1 AND 2	139

The search result, usually found at the end of the documentation, forms the list of abstracts.

TITLE-ABS-KEY = Abstract or title or keywords

TITLE = Title

# Update Health Economic aspects 22 June 2015

Cinahl via EBSCO 22 June 2015

Title: Therapy for acute pain –Health economic aspects

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	(MH "Back Pain") OR (MH "Low Back Pain") OR (MH "Breakthrough Pain") OR (MH "Neck Pain") OR (MH "Whiplash Injuries") OR (MH "Shoulder Pain") OR (MH "Sciatica") OR (MH "Joint Instability+")	25,360
2.	TI (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago)	12,157
3.	TX (Back OR shoulder* OR neck OR spine) AND ("sub-acute pain" OR "subacute pain" OR "acute pain")	208
4.	AB (((Back OR shoulder* OR neck OR spinal) AND (Pain)) OR whiplash OR lumbago)	138
5.	TX prevent* N2 (chronic OR chronicity OR persistent) N2 Pain Limiters - Search Only Pre-CINAHL	3
6.	<b>1 OR 2 OR 3 OR 4 OR 5</b>	<b>26,950</b>
<b>Health economic aspects</b>		
7.	(MH "Economics") OR (MH "Costs and Cost Analysis+") OR (MH "Economic Aspects of Illness") OR (MH "Economic Value of Life") OR (MH "Economics, Dental") OR (MH "Economics, Pharmaceutical") OR (MH "Fees and Charges+") OR (MH "Quality-Adjusted Life Years")	74,946
8.	(TI "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" Or "cost savings" OR "cost breakdown" OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmacoeconomic* OR "icer" OR economic evaluation* OR "economic analyses" OR "economic study" OR "economic studies" OR qaly* OR "quality adjusted life" OR "disability adjusted life" OR daly* OR qald* OR qale* OR qtime* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalents" OR "healthy years equivalent" OR "healthy years equivalents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay") OR (AB "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" Or "cost savings" OR "cost breakdown" OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmacoeconomic* OR "icer" OR economic evaluation* OR	44,169

"economic analyses" OR "economic study" OR "economic studies" OR qaly\* OR "quality adjusted life" OR "disability adjusted life" OR daly\* OR qald\* OR qale\* OR qtime\* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalents" OR "healthy years equivalent" OR "healthy years equivalents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay")

9.	TI (economic* OR cost OR costs OR costing OR costly)	30,448
10.	<b>7 OR 8 OR 9</b>	<b>92,814</b>

### Combined sets

11.	<b>6 AND 10</b>	<b>706</b>
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The search result, usually found at the end of the documentation, forms the list of abstracts.

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

PubMed via NLM 22 June 2015

Title: Therapy for acute pain –Health economic aspects

Search terms	Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>	
1. "Neck Pain"[MAJR] OR "Neck Pain/rehabilitation"[MeSH] OR "Neck Pain/psychology"[MeSH] OR "Neck Pain/prevention and control"[MeSH] OR "Shoulder Pain"[MAJR] OR "Shoulder Pain/rehabilitation"[MeSH] OR "Shoulder Pain/psychology"[MeSH] OR "Shoulder Pain/prevention and control"[MeSH] OR "Back Pain"[MAJR] OR "Back Pain/rehabilitation"[Mesh] OR "Back Pain/psychology"[Mesh] OR "Back Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain"[Majr]OR "Musculoskeletal Pain/prevention and control"[Mesh] OR "Musculoskeletal Pain/psychology"[Mesh] OR "Musculoskeletal Pain/rehabilitation"[Mesh]	28012
2. "Whiplash Injuries"[MAJR] OR "Whiplash Injuries/rehabilitation"[MeSH] OR "Whiplash Injuries/psychology"[MeSH] OR "Whiplash	15979

	Injuries/prevention and control"[MeSH] OR "Sciatica"[Majr] OR "Sciatica/prevention and control"[Mesh] OR "Sciatica/psychology"[Mesh] OR "Sciatica/rehabilitation"[Mesh] OR "Joint Instability"[Majr] OR "Joint Instability/prevention and control"[Mesh] OR "Joint Instability/psychology"[Mesh] OR "Joint Instability/rehabilitation"[Mesh]	
3.	((Back[ti] OR shoulder[ti] OR shoulders[ti] OR neck[ti] OR acute[ti]) AND Pain[ti]) OR whiplash[ti] OR lumbago[ti] OR dorsalgia[ti]) NOT Medline[SB]	3292
4.	(Back[tiab] OR shoulder*[tiab] OR neck[tiab]) AND (Acute pain[MeSH] OR sub-acute pain[tiab] OR subacute pain[tiab] OR acute pain[tiab] OR preventing persistent pain[tiab] OR Preventing progression to chron*[tiab] OR prevents development of chronic pain[tiab])	438
5.	<b>1 OR 2 OR 3 OR 4</b>	<b>46231</b>

### Health economic aspects (NHS EED search filter, modified for PubMed)

6.	(("Economics"[Mesh:NoExp] OR "Costs and Cost Analysis"[Mesh] OR "Economics, Dental"[Mesh] OR "Economics, Hospital"[Mesh] OR "Economics, Medical"[Mesh] OR "Economics, Nursing"[Mesh] OR "Economics, Pharmaceutical"[Mesh] OR economic*[Title/Abstract] OR cost[Title/Abstract] OR costs[Title/Abstract] OR costly[Title/Abstract] OR costing[Title/Abstract] OR price[Title/Abstract] OR prices[Title/Abstract] OR pricing[Title/Abstract] OR pharmacoeconomic*[Title/Abstract] OR "value for money"[Title/Abstract] OR budget*[Title/Abstract] OR (expenditure*[Title/Abstract] NOT energy[Title/Abstract])) NOT (energy cost[Title/Abstract] OR oxygen cost[Title/Abstract] OR metabolic cost[Title/Abstract] OR energy expenditure[Title/Abstract] OR oxygen expenditure[Title/Abstract]))	645855
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### Combined sets

7.	<b>5 AND 6</b>	<b>2148</b>
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[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

Scopus via Elsevier 22 June 2015

Title: Therapy for acute pain –health economic aspects (complimentary narrow search)

Search terms		Items found
<b>Population: persons with acute/subacute pain (neck-, shoulder-, spine-) or whiplash</b>		
1.	TITLE((back OR shoulder OR shoulders OR neck) AND pain AND (sub-acute OR acute OR subacute))	1231
<b>Health economic aspects</b>		
2.	TITLE-ABS-KEY(costs OR "resource allocation" OR "cost utility" OR "cost benefit" OR "Cost effectiveness" OR "cost analysis" OR icer OR "economic evaluation" OR "economic analysis" OR "quality adjusted life" Or qaly OR "willingness to pay" OR "willingness to accept" OR "willing to pay")	1,925,408
<b>Combined sets</b>		
3.	1 AND 2	139

The search result, usually found at the end of the documentation, forms the list of abstracts.

TITLE-ABS-KEY = Abstract or title or keywords

TITLE = Title