



Bilag 4 – Søgeprotokoller

NKA for brug af paracetamol, NSAID og opioider til behandling af akutte lænderygsmærter hos voksne

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PICO 1-4

1.1. Søgeprotokol

Projekttitel/aspekt	NKA for farmakologisk behandling af smerte – Guidelines, sekundær – og primær litteratur
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Senest opdateret	5. februar 2025

Baggrund	I perioden 2015-2021 har Sundhedsstyrelsen udgivet en række nationale kliniske retningslinjer og nationale rekommandationslister for udredning og behandling af både akutte og kroniske smerter. Disse anbefalinger er forældede, og der kan være kommet ny evidens, der potentielt kan ændre anbefalingerne. Det er derfor besluttet, at der i første omgang skal udarbejdes nye anbefalinger inden for området farmakologisk smertebehandling, der kan erstatte de tidligere anbefalinger fra de ikke-gældende retningslinjer og rekommandationslister. Til dette formål nedsættes en arbejdsgruppe til udarbejdelse af nationale kliniske anbefalinger for farmakologisk behandling af smerter. Der er foretaget en søgning på sekundær og primær litteratur for PICO 1-3: PICO 1: Bør man anvende paracetamol til voksne patienter med akutte smerter PICO 2 Bør man anvende NSAID til voksne patienter med akutte smerter? PICO 3: Bør man anvende NSAID eller paracetamol til voksne patienter med akutte smerter? Den primær søgning afgrænset til Lænde/ryg smerter.
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	Opdateret søgning på primær litteratur – af NKR for behandling af nyopståede lænderygsmerter fra 2016. (PICO 9. Bør patienter med nyopståede lænderygsmerter tilbydes opioider i tillæg til vanlig behandling?) PICO 4: Bør patienter med nyopståede lænderygsmerter tilbydes opioider i tillæg til vanlig behandling? Og en supplerende søgning på sekundær litteratur for akutte smerter generelt og opioider.
Søgetermer	For den sekundær litteratur er der søgt meget bredt på Smerte - under termer som acute pain, chronic pain og lignende er dækket ind ved brug af over termen pain Øvrige termer se de pågældende søgestrategier For den primærlitteratur er der afgrænset til Lænde/ryg smerte
Inklusions- og eksklusionskriterier	Sprog: Engelsk, dansk, norsk og svensk År: PICO 1 til 3, 2018 - november 2023 Sekundær litteratur År: PICO 1 til 3, 2022 – marts 2024 Primærlitteratur År: PICO 4, 2016 – juni 2024 Primærlitteratur År: PICO 4, uden afgrænsning til oktober 2024 Sekundærlitteratur Population: ingen afgrænsning Publikationstyper: Guidelines, systematiske reviews, metaanalyser og RCT

1.2. Informationskilder

1.2.1. Guidelines

Database	Interface	fund	Dato
Medline	OVID	155	8. November 2023
Embase	OVID	212	8. November 2023

1.2.2. Systematiske reviews og metaanalyser

Database	Interface	fund	Dato
Medline	OVID	739	8.november 2023
Embase	OVID	1067	8.november 2023

Det samlede søgeresultatet er overført til Covidence efter dublet sortering i alt 1207 referencer.

1.2.3. Primær litteratur

Database	Interface	fund	Dato
Medline	OVID	82	11. marts 2024
Embase	OVID	336	11. marts 2024

Det samlede søgeresultatet er overført til Covidence efter dublet sortering i alt 355 referencer.

1.2.4. Opdateret søgning på primærlitteratur

Database	Interface	fund	Dato
Medline	OVID	362	14. juni 2024
Embase	OVID	890	14. juni 2024

Det samlede søgeresultatet er overført til Covidence efter dublet sortering i alt 970 referencer.

1.2.5. Supplerende søgning på sekundærlitteratur uden tidsafgrænsning

Database	Interface	fund	Dato
Medline	OVID	119	2. oktober 2024
Embase	OVID	390	2. oktober 2024

Det samlede søgeresultatet er efter dublet sortering i Covidence i alt 408 referencer

Note:

- Guidelines fra firmaet Hayes er fra valgt for denne NKA
- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til fagkonsulenten i Covidence.
- Fuldttekster præsenteres i Covidence i pdf-format eller som link
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

Covidence = webbaseret referencesystem

1.3. Søgestrategi

1.3.1. Guidelines og Systematiske reviews PICO 1-3

Medline (o81123)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions** 1946 to November 07, 2023

Search Strategy:

#	Searches	Results
1	Acetaminophen/ or Acetaminophen*.mp.	28641
2	paracetamol*.mp.	13905
3	Anti-Inflammatory Agents, Non-Steroidal/ or NSAID*.mp.	85417
4	Non-Steroidal anti-inflammatory agent*.mp.	1396
5	Non-Steroidal anti-inflammatory drug*.mp.	17402
6	Ibuprofen/ or ibuprofen*.mp.	17824
7	ibumetin*.mp.	6
8	ipren*.mp	3
9	brufen*.mp.	92
10	Diclofenac/ or voltaren*.mp.	8972
11	diclon*.mp. or Diclofenac/	8877
12	todolac*.mp.	2
13	Piroxicam/ or piroxicam*.mp.	4189
14	Naproxen/ or naproxen*.mp.	7785
15	Celecoxib/ or celecoxib*.mp.	8120
16	pinex*.mp.	9
17	panodil*.mp.	9
18	perfalgan*.mp.	20
19	arax*.mp.	60
20	pamol*.mp.	7
21	(Acetaminophen or Acetaminophen* or paracetamol* or Anti-Inflammatory Agents, Non-Steroidal or NSAID* or Non-Steroidal anti-inflammatory agent* or Non-Steroidal anti-	96929

	inflammatory drug* or Ibuprofen or ibuprofen* or ibumetin* or ipren* or brufen* or Diclofenac or voltaren* or diclon* or Diclofenac or todolac* or Piroxicam or piroxicam* or Naproxen or naproxen* or Celecoxib or celecoxib* or pinex* or panodil* or perfalgan* or arax* or pamol*).ti,bt,ab,kf.	
22	Pain/ or Pain*.mp.	967025
23	(Guideline* or practice guideline* or clinical guideline* or hta or health technology Assessment* or recommendations).ti,bt,kf.	158447
24	((systematic adj3 (review* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,bt,ab,kf.	610543
25	Cochrane.jw.	16637
26	24 or 25	611066
27	21 and 22 and 23	319
28	21 and 22 and 26	1834
29	limit 28 to yr="2018 - 2023"	739
30	limit 27 to yr="2018 - 2023"	155

Embase (081123)

Database(s): **Embase** 1996 to 2023 Week 44

Search Strategy:

#	Searches	Results
1	Acetaminophen/ or Acetaminophen*.mp.	93587
2	paracetamol*.mp.	103962
3	Anti-Inflammatory Agents, Non-Steroidal/ or NSAID*.mp.	126548
4	Non-Steroidal anti-inflammatory agent*.mp.	1016
5	Non-Steroidal anti-inflammatory drug*.mp.	22229
6	Ibuprofen/ or ibuprofen*.mp.	53496
7	ibumetin*.mp.	15
8	ipren*.mp.	10
9	brufen*.mp.	326
10	Diclofenac/ or voltaren*.mp.	42090
11	diclon*.mp. or Diclofenac/	42034
12	todolac*.mp	3
13	Piroxicam/ or piroxicam*.mp.	8421
14	Naproxen/ or naproxen*.mp.	23914
15	Celecoxib/ or celecoxib*.mp.	27387
16	pinex*.mp.	31
17	panodil*.mp.	38
18	peralgan*.mp.	380
19	arax*.mp.	88
20	pamol*.mp.	21
21	(Acetaminophen or Acetaminophen* or paracetamol* or Anti-Inflammatory Agents, Non-Steroidal or NSAID* or Non-Steroidal anti-inflammatory agent* or Non-Steroidal anti-inflammatory drug* or Ibuprofen or ibuprofen* or ibumetin* or ipren* or brufen* or Diclofenac or voltaren* or diclon* or Diclofenac or todolac* or Piroxicam or piroxicam* or Naproxen or naproxen* or Celecoxib or celecoxib* or pinex* or panodil* or peralgan* or arax* or pamol*).ti,bt,ab,kf.	133667

22	Pain/ or Pain*.mp	1547879
23	(Guideline* or practice guideline* or clinical guideline* or hta or health technology Assessment* or recommendations).ti, bt, kf.	196040
24	((systematic adj3 (review* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti, bt, ab, kf.	752173
25	Cochrane.jw.	24845
26	24 or 25	756606
27	21 and 22 and 23	503
28	21 and 22 and 26	2692
29	limit 28 to yr="2018 - 2023"	1067
30	limit 27 to yr="2018 - 2023"	212

1.3.2. PICO 1 til 3 Primær litteratur (low back pain)

Medline (110324)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions** 1946 to March 08, 2024

Search Strategy:

#	Searches	Results
1	(Low back pain* or lower back pain* or lumbago or low back ache* or lower back ache* or low backache* or lower backache* or (lumbar adj2 pain*)).mp	50200
2	acute low back pain*.mp.	1251
3	Osteoarthritis, Spine/	214
4	spondylosis*.mp. or spondylosis/	5937
5	Sciatica/ or sciatica*.mp.	7457
6	lumbago*.mp.	1565
7	lumbar vertebra/ or lumbar vertebra*.mp.	67908
8	back disorder*.mp.	703
9	Lumbar Vertebrae/ or Lumbar Vertebrae*.mp.	65031
10	dorsalgia*.mp.	140
11	ischialgia*.mp.	147
12	sciatica/ or sciatica*.mp.	7457
13	Musculoskeletal Pain/ or musculoskeletal*.mp.	90186
14	Acetaminophen/ or Acetaminophen*.mp.	29052
15	paracetamol*.mp.	14137
16	Anti-Inflammatory Agents, Non-Steroidal/ or NSAID*.mp.	85990
17	Non-Steroidal anti-inflammatory agent*.mp.	1405
18	Non-Steroidal anti-inflammatory drug*.mp.	17701
19	Ibuprofen/ or ibuprofen*.mp.	18080
20	ibumetin*.mp.	6
21	ipren*.mp. [	3
22	brufen*.mp.	92
23	Diclofenac/ or voltaren*.mp.	9069
24	diclon*.mp. or Diclofenac/	8975
25	todolac*.mp.	2

26	Piroxicam/ or piroxicam*.mp.	4219
27	Naproxen/ or naproxen*.mp.	7838
28	Celecoxib/ or celecoxib*.mp.	8231
29	pinex*.mp.	9
30	panodil*.mp.	9
31	perfalgan*.mp.	20
32	arax*.mp.	60
33	pamol*.mp.	7
34	((random* or cluster-random* or quasi-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kf.	926340
35	placebo*.ti,ab,kf.	255345
36	((single-blind* or double-blind* or triple-blind*) adj2 (method or studies)).ti,ab,kf.	4559
37	((single or double or triple) adj2 (blind*3 or mask*3) adj2 (method or studies)).ti,ab,kf.	4646
38	((patient* or person* or participant* or population* or allocat* or assign*) adj3 random*).ti,ab,kf.	319565
39	34 or 35 or 36 or 37 or 38	1147348
40	or/1-13	203999
41	or/14-33	144367
42	39 and 40 and 41	847
43	limit 42 to yr="2022 - 2024"	82

Embase (110324)

Database(s): **Embase** 1996 to 2024 Week 10

Search Strategy:

#	Searches	Results
1	(Low back pain* or lower back pain* or lumbago or low back ache* or lower back ache* or low backache* or lower backache* or (lumbar adj2 pain*)).mp	79242
2	acute low back pain*.mp.	1446
3	Osteoarthritis, Spine/	55
4	spondylosis*.mp. or spondylosis/	9046
5	Sciatica/ or sciatica*.mp.	5613
6	lumbago*.mp.	1336
7	lumbar vertebra/ or lumbar vertebra*.mp.	27231
8	back disorder*.mp.	690
9	Lumbar Vertebrae/ or Lumbar Vertebrae*.mp.	19770
10	dorsalgia*.mp.	206
11	ischialgia*.mp.	3029
12	sciatica/ or sciatica*.mp.	5613
13	Musculoskeletal Pain/ or musculoskeletal*.mp.	160587
14	Acetaminophen/ or Acetaminophen*.mp.	96118
15	paracetamol*.mp.	106273
16	Anti-Inflammatory Agents, Non-Steroidal/ or NSAID*.mp.	129341
17	Non-Steroidal anti-inflammatory agent*.mp.	1033
18	Non-Steroidal anti-inflammatory drug*.mp.	22678
19	Ibuprofen/ or ibuprofen*.mp.	54676

20	ibumetin*.mp.	15
21	ipren*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	10
22	brufen*.mp.	329
23	Diclofenac/ or voltaren*.mp.	42911
24	diclon*.mp. or Diclofenac/	42855
25	todolac*.mp.	4
26	Piroxicam/ or piroxicam*.mp.	8521
27	Naproxen/ or naproxen*.mp.	24257
28	Celecoxib/ or celecoxib*.mp.	27863
29	pinex*.mp.	31
30	panodil*.mp.	38
31	perfalgan*.mp.	382
32	arax*.mp.	88
33	pamol*.mp.	22
34	((random* or cluster-random* or quasi-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy?)) or rct).ti,ab,kf.	1191805
35	placebo*.ti,ab,kf.	326932
36	((single-blind* or double-blind* or triple-blind*) adj2 (method or studies)).ti,ab,kf.	5680
37	((single or double or triple) adj2 (blind*3 or mask*3) adj2 (method or studies)).ti,ab,kf.	5801
38	((patient* or person* or participant* or population* or allocat* or assign*) adj3 random*).ti,ab,kf.	416340
39	34 or 35 or 36 or 37 or 38	1464185
40	or/1-13	265626
41	or/14-33	297350
42	39 and 40 and 41	2265
43	limit 42 to yr="2022 - 2024"	336

1.3.3. PICO 4 Opdateret søgning på primærlitteratur

Medline (140624)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions** 1946 to June 13, 2024

Search Strategy:

#	Searches	Results
1	(Low back pain* or lower back pain* or lumbago or low back ache* or lower back ache* or low backache* or lower backache* or (lumbar adj2 pain?)).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]	50969
2	acute low back pain*.mp.	1262
3	Osteoarthritis, Spine/	216
4	spondylosis*.mp. or spondylosis/	6016
5	Sciatica/ or sciatica*.mp.	7506

6	lumbago*.mp.	1572
7	lumbar vertebra/ or lumbar vertebra*.mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]	68709
8	back disorder*.mp.	708
9	Lumbar Vertebrae/ or Lumbar Vertebrae*.mp.	65788
10	dorsalgia*.mp.	141
11	ischialgia*.mp.	147
12	sciatica/ or sciatica*.mp.	7506
13	Musculoskeletal Pain/ or musculoskeletal*.mp.	91910
14	or/1-13	207161
15	((random* or cluster-random* or quasi-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kf.	944094
16	placebo*.ti,ab,kf.	258160
17	((single-blind* or double-blind* or triple-blind*) adj2 (method or studies)).ti,ab,kf.	4587
18	((single or double or triple) adj2 (blind*3 or mask*3) adj2 (method or studies)).ti,ab,kf.	4674
19	15 or 16 or 17 or 18	1033064
20	Analgesics, Opioid/	63502
21	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or *enkephalin, ala(2)-mephe(4)-gly(5)-" or *enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,kf.	276080
22	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,kf.	45645
23	20 or 21 or 22	290667
24	14 and 19 and 23	1672
25	limit 24 to yr="2016 - 2023"	743
26	limit 25 to "all adult (19 plus years)"	321
27	limit 24 to yr="2024"	44
28	26 or 27	365
29	limit 28 to (danish or english or norwegian or swedish)	362

Embase (140624)

Database(s): **Embase** 1996 to 2024 Week 23

Search Strategy:

#	Searches	Results
1	(Low back pain* or lower back pain* or lumbago or low back ache* or lower back ache* or low backache* or lower backache* or (lumbar adj2 pain*))mp. [imp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	80658
2	acute low back pain*.mp.	1469
3	Osteoarthritis, Spine/	71
4	spondylosis*.mp. or spondylosis/	9166
5	Sciatica/ or sciatica*.mp.	5775
6	lumbago*.mp.	1351
7	lumbar vertebra/ or lumbar vertebra*.mp. [imp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	27793
8	back disorder*.mp.	693
9	Lumbar Vertebrae/ or Lumbar Vertebrae*.mp.	20135
10	dorsalgia*.mp.	210
11	ischialgia*.mp.	3031
12	sciatica/ or sciatica*.mp.	5775
13	Musculoskeletal Pain/ or musculoskeletal*.mp.	163710
14	or/1-13	270654
15	((random* or cluster-random* or quasi-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kf.	1213756
16	placebo*.ti,ab,kf.	331093
17	((single-blind* or double-blind* or triple-blind*) adj2 (method or studies)).ti,ab,kf.	5728
18	((single or double or triple) adj2 (blind*3 or mask*3) adj2 (method or studies)).ti,ab,kf.	5848
19	15 or 16 or 17 or 18	1323453
20	Analgesics, Opioid/	23091
21	(opiod* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or piritramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,kf.	305791
22	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,kf.	58786
23	20 or 21 or 22	322634
24	14 and 19 and 23	2500
25	limit 24 to yr="2016 - 2023"	1167
26	limit 25 to (adult <18 to 64 years> or aged <65+ years>)	831
27	limit 24 to yr="2024"	64
28	26 or 27	895

29	limit 28 to (danish or english or norwegian or swedish)	890
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1.3.4. PICO 4 Supplerende søgning på sekundærlitteratur uden tidsafgrænsning

Medline (021024)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions** 1946 to October 01, 2024

Search Strategy:

#	Searches	Results
1	Acute Pain/ or acute pain*.mp.	14080
2	(acute* and pain*).mp. Imp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]	115021
3	(acute adj2 pain).mp. Imp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]	27168
4	1 or 2 or 3	115021
5	Analgesics, Opioid/ or opioid*.mp.	157643
6	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or piritramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,kf.	280211
7	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,kf.	46370
8	5 or 6 or 7	300035
9	dependence*.mp.	280677
10	Substance-Related Disorders/ or substance abuse*.mp.	150944
11	addiction*.mp.	67432
12	drug abuse*.mp.	23045
13	"opioid use disorder".mp. or Opioid-Related Disorders/	26546
14	9 or 10 or 11 or 12 or 13	480234
15	4 and 8 and 14	1735
16	limit 15 to (meta analysis or "systematic review")	53

17	((systematic adj3 (review* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kf.	676694
18	Cochrane.jw.	16834
19	17 or 18	677222
20	15 and 19	118
21	16 or 20	119

Embase (021024)

Database(s): **Embase** 1996 to 2024 Week 39

Search Strategy:

#	Searches	Results
1	Acute Pain/ or acute pain*.mp.	203533
2	(acute* and pain*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	234407
3	(acute adj2 pain).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	35459
4	1 or 2 or 3	402926
5	Analgesics, Opioid/ or opioid*.mp.	169933
6	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydromorphone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,kf.	313071
7	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,kf.	60162
8	5 or 6 or 7	330623
9	dependence*.mp.	354051
10	Substance-Related Disorders/ or substance abuse*.mp.	95673
11	addiction*.mp.	145242
12	drug abuse*.mp.	63966
13	"opioid use disorder".mp. or Opioid-Related Disorders/	24632
14	9 or 10 or 11 or 12 or 13	538110
15	4 and 8 and 14	5816
16	limit 15 to (meta analysis or "systematic review")	266
17	((systematic adj3 (review* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kf.	831990
18	Cochrane.jw.	25444

19	17 or 18	836431
20	15 and 19	336
21	16 or 20	390