

Supplementary Information: databases and search strings

Impact of enhanced recovery pathways on safety and efficiency for hip and knee arthroplasty: a systematic review and meta-analysis

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Search strategy for Embase.com, 10 June 2018

/exp – EMtree keywords with explosion

:ab,ti – words in title or abstract

:ti – words in title

NEAR/x – words near to each other, x places apart

No.	Query	Results
#14	#6 NOT #13	1.253
#13	#8 OR #10 OR #12	609
#12	#6 AND #11	132
#11	('meta analysis'/exp OR 'systematic review'/exp OR ((meta NEAR/3 analy*):ab,ti) OR metaanaly*:ab,ti OR review*:ti OR overview*:ti OR ((synthes*NEAR/3 (literature* OR research* OR studies OR data)):ab,ti) OR (pooled AND analys*:ab,ti) OR (((data NEAR/2 pool*):ab,ti) AND studies:ab,ti) OR medline:ab,ti OR medlars:ab,ti OR embase:ab,ti OR cinahl:ab,ti OR scisearch:ab,ti OR psychinfo:ab,ti OR psycinfo:ab,ti OR psychlit:ab,ti OR psyclit:ab,ti OR cinhal:ab,ti OR cancerlit:ab,ti OR cochrane:ab,ti OR bids:ab,ti OR pubmed:ab,ti OR ovid:ab,ti OR (((hand OR manual OR database*OR computer*) NEAR/2 search*):ab,ti) OR ((electronic NEAR/2 (database* OR 'data base' OR 'data bases')):ab,ti) OR bibliograph*:ab OR 'relevant journals':ab OR (((review* OR overview*) NEAR/10 (systematic* OR methodologic* OR quantitativ* OR research* OR literature* OR studies OR trial*OR effective*)):ab)) NOT (((retrospective* OR record* OR case* OR patient*) NEAR/2 review*):ab,ti) OR (((patient* OR review*) NEAR/2 chart*):ab,ti) OR rat:ab,ti OR rats:ab,ti OR mouse:ab,ti OR mice:ab,ti OR hamster:ab,ti OR hamsters:ab,ti OR animal:ab,ti OR animals:ab,ti OR dog:ab,ti OR dogs:ab,ti OR cat:ab,ti OR cats:ab,ti OR bovine:ab,ti OR sheep:ab,ti) NOT ('editorial'/exp OR 'erratum'/de OR 'letter'/exp) NOT (('animal'/exp OR 'nonhuman'/exp) NOT (('animal'/exp OR 'nonhuman'/exp) AND 'human'/exp))	992.828
#10	#6 AND #9	353
#9	random* OR factorial* OR crossover* OR (cross NEXT/1 over*) OR placebo* OR (doubl* AND blind*) OR (singl* AND blind*) OR assign* OR allocat*OR volunteer* OR 'crossover procedure'/exp OR 'double blind procedure'/exp OR 'randomized controlled trial'/exp OR 'single blind procedure'/exp	2.240.620
#8	#6 AND #7	256
#7	'prospective study'/exp OR prospecti*:ab,ti	984.670
#6	#5 NOT #3	1.862

#5	#1 AND #4	1.975
#4	'day care'/exp OR 'outpatient care'/exp OR 'ambulatory care'/exp OR 'outpatient department'/exp OR 'outpatient'/exp OR 'ambulatory surgery'/exp OR 'same day':ab,ti OR 'day car*':ab,ti OR 'day cent*':ab,ti OR daycar*':ab,ti OR 'partial hospitali*':ab,ti OR ambulant*':ab,ti OR ambulator*':ab,ti OR outpatient*':ab,ti OR 'out patient*':ab,ti OR (((outdoor* OR outward*) NEAR/5 patient*):ab,ti) OR polyclinic*':ab,ti OR polyclinic*':ab,ti OR surgicent*':ab,ti OR 'dispensary car*':ab,ti OR extramural*':ab,ti OR 'office visit*':ab,ti OR 'office surg*':ab,ti OR 'day surg*':ab,ti OR (('day of surg*'NEAR/5 discharg*):ab,ti)	453.744
#3	#1 AND #2	951
#2	'clinical pathway'/exp OR 'care path*':ab,ti OR 'joint car*':ab,ti OR 'rapid recover*':ab,ti OR 'enhanced recovery path*':ab,ti OR 'critical path*':ab,ti OR 'clinical path*':ab,ti OR 'care map*':ab,ti OR 'fast trac*':ab,ti OR 'multidisciplinary approach*':ab,ti OR 'controlled path*':ab,ti	71.986
#1	'knee arthroplasty'/exp OR 'hip arthroplasty'/exp OR (((knee OR hip OR hips OR acetabul* OR cup) NEAR/5 (arthroplast* OR replac* OR reconstructi* OR prosth* OR alloplast* OR plasty OR plasties OR hemiarthroplast*)):ab,ti) OR hiparthroplast*':ab,ti OR acetabuloplast*':ab,ti OR 'mac bride acetabulum cup*':ab,ti OR tka:ab,ti OR tha:ab,ti	91.804

Search strategy for PubMed, 10 June 2018

[Mesh] – Medical Subject Headings

[pt] – Publication Type, from MeSH

[tiab] – words in title or abstract

[ti] – words in title

Search	Query	Items found
#11	(#6 NOT #10)	839
#10	(#6 AND (#7 OR #8 OR #9))	678
#9	(((review*[tiab] OR search*[tiab] OR survey*[tiab] OR handsearch*[tiab] OR hand-search*[tiab]) AND (databa*[tiab] OR data-ba*[tiab] OR bibliograph*[tiab] OR electronic*[tiab] OR medline*[tiab] OR pubmed*[tiab] OR embase*[tiab] OR cochrane[tiab] OR cinahl[tiab] OR psycinfo[tiab] OR psychinfo[tiab] OR cinhal[tiab] OR "web of science"[tiab] OR "web of knowledge"[tiab] OR ebsco[tiab] OR ovid[tiab] OR mrct[tiab] OR metaregist*[tiab] OR meta-regist*[tiab] OR ((predetermined[tiab] OR pre determined[tiab]) AND criteri*[tiab]) OR apprais*[tiab] OR inclusion criteri*[tiab] OR exclusion criteri*[tiab])) OR (review[pt] AND systemat*[tiab]) OR "systematic review"[tiab] OR "systematic literature"[tiab] OR "integrative review"[tiab] OR "integrative literature"[tiab] OR "evidence based review"[tiab] OR "evidence based overview"[tiab] OR "evidence based literature"[tiab] OR "evidence based survey"[tiab] OR "literature search"[tiab] OR ((systemat*[ti] OR evidence-based[ti]) AND (review*[ti] OR literature[ti] OR overview[ti] OR survey[ti])) OR "data synthesis"[tiab] OR "evidence synthesis"[tiab] OR "data extraction"[tiab] OR "data source"[tiab] OR "data sources"[tiab] OR "study selection"[tiab] OR "methodological quality"[tiab] OR "methodologic quality"[tiab] OR cochrane database syst rev[ta] OR meta-analy*[tiab] OR metaanaly*[tiab] OR metanaly*[tiab] OR meta-analysis[pt] OR meta-synthesis[tiab] OR metasynthesis[tiab] OR meta-study[tiab] OR metastudy[tiab] OR	476.005

	metaethnograph*[tiab] OR meta-ethnograph*[tiab] OR "Technology Assessment, Biomedical"[Mesh] OR hta[tiab] OR health technol assess[ta] OR evid rep technol assess summ[ta] OR health technology assessment[tiab]))	
#8	((randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]))	<u>4.272.893</u>
#7	((("Prospective Studies"[Mesh] OR prospecti*[tiab]))	<u>750.822</u>
#6	(#5 NOT #3)	<u>1.517</u>
#5	(#1 AND #4)	<u>1.610</u>
#4	((("Day Care, Medical"[Mesh] OR "Ambulatory Care"[Mesh] OR "Outpatients"[Mesh] OR "Outpatient Clinics, Hospital"[Mesh] OR "Ambulatory Surgical Procedures"[Mesh] OR same day[tiab] OR day car*[tiab] OR day cent*[tiab] OR daycar*[tiab] OR partial hospitali*[tiab] OR ambulant[tiab] OR ambulator*[tiab] OR outpatient*[tiab] OR out patient*[tiab] OR ((outdoor*[tiab] OR outward*[tiab]) AND patient*[tiab]) OR polyclinic*[tiab] OR polyclinic*[tiab] OR surgicent*[tiab] OR dispensary car*[tiab] OR extramural*[tiab] OR office visit*[tiab] OR office surg*[tiab] OR day surg*[tiab] OR (day of surg*[tiab] AND discharg*[tiab]))	<u>295.383</u>
#3	(#1 AND #2)	<u>789</u>
#2	((("Critical Pathways"[Mesh] OR care path*[tiab] OR joint car*[tiab] OR rapid recover*[tiab] OR enhanced recovery path*[tiab] OR critical path*[tiab] OR clinical path*[tiab] OR care map*[tiab] OR fast trac*[tiab] OR multidisciplinary approach*[tiab] OR controlled path*[tiab]))	<u>44.167</u>
#1	((("Arthroplasty, Replacement, Knee"[Mesh] OR "Arthroplasty, Replacement, Hip"[Mesh] OR ((knee[tiab] OR hip[tiab] OR hips[tiab] OR acetabul*[tiab] OR cup[tiab]) AND (arthroplast*[tiab] OR replac*[tiab] OR reconstructi*[tiab] OR prosth*[tiab] OR alloplast*[tiab] OR plasty[tiab] OR plasties[tiab] OR hemiarthroplast*[tiab]) OR hiparthroplast*[tiab] OR acetabuloplast*[tiab] OR tka[tiab] OR tha[tiab]))	<u>87.264</u>

Search strategy for Wiley/Cochrane Library, 10 June 2018

ti,ab,kw – words in title, abstract or keyword

ID	Search	Hits
#1	((knee or hip or hips or acetabul* or cup) and (arthroplast* or replac* or reconstructi* or prosth* or alloplast* or plasty or plasties or hemiarthroplast*)) or hiparthroplast* or acetabuloplast* or tka or tha;ti,ab,kw	12.812
#2	(care n3 path*) or (joint n3 car*) or (rapid n3 recover*) or ("enhanced recovery" n3 path*) or (critical n3 path*) or (clinical n3 path*) or (care n3 map*) or (fast n3 trac*) or (multidisciplinary n3 approach*) or (controlled n3 n3 path*);ti,ab,kw	41
#3	(same n3 day) or (day n3 car*) or (day n3 cent*) or daycar* or (partial n3 hospitali*) or ambulant or ambulator* or outpatient* or (out n3 patient*) or ((outdoor* or outward*) n3 patient*) or polyclinic* or polyclinic* or surgicent* or (dispensary n3 car*) or extramural* or (office n3 visit*) or (office n3 surg*) or (day n3 surg*) or ("day of" n3 surg*) and discharg*);ti,ab,kw	42.920
#4	#1 and (#2 or #3)	338

The result of 338 references is distributed as follows:

CDSR : 2 references, Cochrane Database of Systematic Reviews

DARE : 1 reference, Database of Abstract of Reviews of Effect

CENTRAL : 324 references, Cochrane Central Register of Controlled Trials

Methods : 1 reference, Cochrane Methodology Register

EED :

10 references, NHS Economic Evaluation Database

Search strategy for Clarivate Analytics/Web of Science, 10 June 2018

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years

TOPIC - words in title, abstract or keyword

Nx - words near to each other, x places apart

Set	Query	Results
#5	#4 AND #1	1.686
#4	#3 OR #2	218.908
#3	TOPIC: (((“same day” OR (day n3 car*) OR (day n3 cent*) OR daycar* OR (partial n3 hospitali*) OR ambulant OR ambulator* OR outpatient* OR (out n3 patient*) OR ((outdoor* OR outward*) AND patient*) OR polyclinic* OR polyclinic* OR surgicent* OR (dispensary n3 car*) OR extramural* OR (office n3 visit*) OR (office n3 surg*) OR (day n3 surg*) OR (“day of” AND surg* AND discharg*)))	218.494
#2	TOPIC: (((care n3 path*) OR (joint n3 car*) OR (rapid n3 recover*) OR (“enhanced recovery” n3 path*) OR (critical n3 path*) OR (clinical n3 path*) OR (care n3 map*) OR (fast n3 trac*) OR (multidisciplinary n3 approach*) OR (controlled n3 path*)))	463
#1	TOPIC: (((knee OR hip OR hips OR acetabul* OR cup) AND (arthroplast* OR replac* OR reconstructi* OR prosth* OR alloplast* OR plasty OR plasties OR hemiarthroplast*)) OR hiparthroplast* OR acetabuloplast* OR tka OR tha))	93.842

Search strategy for Ebsco/CINAHL, 10 June 2018

MH = Mapped Heading, keyword

TI - words in title

AB - words in abstract

#	Query	Results
S5	S1 AND S4	758
S4	S2 OR S3	100.088
S3	(MH "Day Care" OR MH "Ambulatory Care" OR MH "Ambulatory Care Facilities" OR MH "Ambulatory Care Nursing" OR MH "Outpatients" OR MH "Outpatient Service" OR MH "Ambulatory Surgery") OR TI (“same day” OR “day car*” OR “day cent*” OR daycar* OR “partial hospitali*” OR ambulant OR ambulator* OR outpatient* OR “out patient*” OR ((outdoor* OR outward*) AND patient*) OR polyclinic* OR polyclinic* OR surgicent* OR “dispensary car*” OR extramural* OR “office visit*” OR “office surg*” OR “day surg*” OR (“day of surg*” AND discharg*)) OR AB (“same day” OR “day car*” OR “day cent*” OR daycar* OR “partial hospitali*” OR ambulant OR ambulator* OR outpatient* OR “out patient*” OR ((outdoor* OR outward*) AND patient*) OR polyclinic* OR polyclinic* OR surgicent* OR “dispensary car*” OR extramural* OR “office visit*” OR “office surg*” OR “day surg*” OR (“day of surg*” AND discharg*))	90.417

S2	(MH "Critical Path") OR TI ("care path*" OR "joint car*" OR "rapid recover*" OR "enhanced recovery path*" OR "critical path*" OR "clinical path*" OR "care map*" OR "fast trac*" OR "multidisciplinary approach*" OR "controlled path*") OR AB ("care path*" OR "joint car*" OR "rapid recover*" OR "enhanced recovery path*" OR "critical path*" OR "clinical path*" OR "care map*" OR "fast trac*" OR "multidisciplinary approach*" OR "controlled path*")	10.322
S1	((MH "Arthroplasty, Replacement, Knee") OR (MH "Arthroplasty, Replacement, Hip")) OR TI (((knee OR hip OR hips OR acetabul* OR cup) AND (arthroplast* OR replac* OR reconstructi* OR prosth* OR alloplast* OR plasty OR plasties OR hemiarthroplast*)) OR hiparthroplast* OR acetabuloplast* OR tka OR tha) OR AB (((knee OR hip OR hips OR acetabul* OR cup) AND (arthroplast* OR replac* OR reconstructi* OR prosth* OR alloplast* OR plasty OR plasties OR hemiarthroplast*)) OR hiparthroplast* OR acetabuloplast* OR tka OR tha)	18.538