

Søgeprotokol for Nationale Kliniske Retningslinjer

Projekttitlet/aspekt	NKR for behandling af meniskpatologi i knæet - Søgning efter primær litteratur
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Senest opdateret	18. oktober 2015

Baggrund	<p>PIRO 1: Bør patienter med smerter i knæ og ledlinieømhed udredes med kliniske test med henblik på menisklæsione</p> <p>PIRO 3: Bør patienter med smerter i knæ og ledlinieømhed udredes med MR-scanning med henblik på diagnosticering af menisklæsion?</p> <p>PICO 1: Bør patienter med akut opstået aflåst knæ og ledlinieømhed med blivende strække-defekt op til 1 uge tilbydes artroskopisk behandling inden for 2 uger frem for superviseret træning?</p> <p>PICO 2: Bør patienter med traumatisk opståede smerter i knæ og ledlinieømhed gennem 6 uger, uden initial strækkedefekt, tilbydes ikke kirurgisk behandling frem for artroskopisk behandling?</p> <p>Er der særlige forhold der gør sig gældende for patienter med radiologisk påvist artrose?</p> <p>Er der særlige forhold der gør sig gældende for patienter som rapporterer mekaniske symptomer (catching, locking, clicking)?</p> <p>PICO 3: Bør patienter med ikke traumatisk opståede smerter i knæ og med ledlinieømhed uden strækkedefekt initialt tilbydes ikke kirurgisk behandling frem for artroskopisk behandling?</p> <p>Er der særlige forhold der gør sig gældende for patienter med radiologisk påvist artrose?</p> <p>Er der særlige forhold der gør sig gældende for patienter som rapporterer mekaniske symptomer (catching, locking, clicking)?</p> <p>PICO 4: Bør patienter med MR-påvist udisloceret menisklæsion, smerter i knæ og ledlinieømhed uden mekaniske symptomer eller strækkedefekt tilbydes ikke kirurgisk behandling frem for artroskopisk behandling?</p>
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	<p>PICO 5: Bør patienter tilbydes superviseret genoptræning efter meniskresektion?</p> <p>PICO 6: Bør patienter med artroskopisk verificerede ustabile kapselnære menisklæsioner, velegnede til sutur, tilbydes sutur frem for resektion?</p> <p>PICO 7: Bør patienter, der har smerter i knæet, som ved klinisk undersøgelse kan skyldes såvel menisklæsion som artrose, have foretaget stående røntgenundersøgelse af knæleddet med henblik på at af- eller bekræfte artrose forud for videre stillingtagen til supplerende diagnostik, herunder artroskopi/MR?</p>
Søgetermer	Se søgestrategierne under de enkelte PIROs/PICOs
Inklusions- og eksklusionskriterier	<p>Sprog: Engelsk, dansk, norsk og svensk</p> <p>År: se strategien under de enkelte PIROs /PICOs</p> <p>Publikationstyper: RCT, diagnostiske og observationelle studier</p>

Informationskilder

Database	Interface	Dato for søgning
Medline	OVID	30.06-25.09.15
EMBASE	OVID	30.06-25.09.15

Note

- 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 Covidence (referenceværktøj)
- Fuldtekster præsenteres i Covidence i pdf-format
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

Søgestrategi

PIRO 1

Bør patienter med smerter i knæ og ledlinieømhed udredes med kliniske test med henblik på menisklæsioner

Medline, 010715, 148 fund
2005-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	33440
2	exp Menisci, Tibial/	6494
3	exp Knee Joint/	45250
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	572172
5	3 and 4	7751
6	exp Knee Injuries/	16424
7	1 or 2 or 5 or 6	37963
8	exp Physical Examination/	1103070
9	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos* or test* or mcmurray* or apley* or thessaly*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	3156277
10	(sensitivity or specificity or ((pre-test or pretest) adj probability) or post-test probality or predictive value* or likelihood ratio*).tw.	814841
11	exp "Sensitivity and Specificity"/	445849
12	8 or 9	4011904
13	10 or 11	1108111
14	7 and 12 and 13	1189
15	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	137131
16	(allocated adj2 random).tw.	728
17	(clin: adj25 trial:).ti,ab.	297126
18	(clinic: adj trial:1).tw.	239423
19	(double-blind: or random:).af.	1003179
20	clinical trial.pt.	496125

21	clinical trials as topic.sh.	173586
22	controlled clinical trial.pt.	89816
23	double blind method.sh.	131173
24	single blind method.sh.	20700
25	double-blind method.sh.	131173
26	single-blind method.sh.	20700
27	drug therapy.fs.	1787861
28	exp clinical trials as topic/	291121
29	exp research design/	351877
30	placebo:.tw.	169438
31	placebos.sh.	33059
32	practice guideline.pt.	20346
33	random allocation.sh.	84002
34	random:.tw.	779319
35	Random.af.	268420
36	randomized controlled trial.pt.	399009
37	randomized controlled trials as topic.sh.	98669
38	randomized.ab.	325351
39	randomly allocated.tw.	18812
40	randomly.ab.	233829
41	single-blind method.sh.	20700
42	trial.ab.	336924
43	trial.ti.	140747
44	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43	3058994
45	case report.tw.	221052
46	letter.pt.	885888
47	historical article.pt.	317931
48	45 or 46 or 47	1412610
49	44 not 48	2879586
50	14 and 49	253
51	limit 50 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	148

Embase, 010715, 84 fund
2005-2015

ID	term(s)	results
1	exp knee meniscus/	5864
2	exp knee meniscus rupture/	4037
3	exp knee pain/	9230
4	exp knee injury/	23329

5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	43549
6	1 or 2 or 3 or 4 or 5	48433
7	exp clinical examination/	78774
8	exp physical examination/	166646
9	exp diagnostic test/	750627
10	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos* or test* or mcmurray* or apley* or thessaly* or (rotation* adj3 test*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	3877803
11	7 or 8 or 9 or 10	3979846
12	exp "sensitivity and specificity"/	227950
13	(sensitivity or specificity or ((pre-test or pretest) adj probability) or post-test probality or predictive value* or likelihood ratio*).tw.	984375
14	12 or 13	1084810
15	6 and 11 and 14	825
16	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	177044
17	(allocated adj2 random).tw.	810
18	(clin: adj25 trial:).ti,ab.	398306
19	(clinic: adj trial:1).tw.	320675
20	(double-blind: or random:).af.	1199104
21	exp "clinical trial (topic)"/	153266
22	exp double blind procedure/	124033
23	exp single blind procedure/	20498
24	exp triple blind procedure/	97
25	placebo:.tw.	221955
26	exp placebo/	271588
27	exp randomization/	67044
28	Random.af.	219286
29	random:.tw.	998719
30	exp "randomized controlled trial (topic)"/	77244
31	randomized.ab.	438428
32	randomly allocated.tw.	22931
33	randomly.ab.	296082
34	trial.ab.	450442
35	trial.ti.	185598
36	exp "controlled clinical trial (topic)"/	80522
37	randomized controlled trial/ or "randomized controlled trial (topic)"/	453425
38	exp controlled clinical trial/	515435
39	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38	1839745
40	15 and 39	112
41	limit 40 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	84

Supplerende søgning:
Medline, 100715, 615 fund
2005-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	33638
2	exp Menisci, Tibial/	6527
3	exp Knee Joint/	45526
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	577140
5	3 and 4	7799
6	exp Knee Injuries/	16500
7	1 or 2 or 5 or 6	38183
8	exp Physical Examination/	1112725
9	exp "Sensitivity and Specificity"/	448753
10	exp Reference Values/	147586
11	exp False Positive Reactions/	25432
12	exp False Negative Reactions/	16573
13	exp Mass Screening/	105728
14	sensitivity.mp.	862632
15	specificity.mp.	867738
16	predictive value*.mp.	202587
17	reference value*.mp.	155576
18	ROC*.mp.	90323
19	likelihood ratio*.mp.	10212
20	screening.mp.	419540
21	false positive.mp.	53501
22	false negative.mp.	33735
23	accuracy.mp.	255712
24	(predictive and value*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	220023
25	reference value*.mp.	155576
26	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	2220767
27	((Clinical adj3 examination) or (clinical adj3 diagnos*) or (physical adj3 examination*) or (physical adj3 diagnos*) or (clinical adj3 test*) or (physical	242929

	adj3 test) or mcmurray* or apley* or thessaly*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	
28	8 or 27	1311735
29	7 and 26 and 28	1089
30	limit 29 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	615

Supplerende søgning:

Embase, 100715, 488 fund

2005-2015

ID	term(s)	results
1	exp knee meniscus/	5900
2	exp knee meniscus rupture/	4052
3	exp knee pain/	9255
4	exp knee injury/	23360
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	43663
6	1 or 2 or 3 or 4 or 5	48554
7	exp clinical examination/	78864
8	exp physical examination/	166953
9	exp diagnostic test/	751479
10	exp "sensitivity and specificity"/	228492
11	exp reference value/	55010
12	exp false positive result/	15368
13	exp false negative result/	9575
14	exp mass screening/	171777
15	sensitivity.mp.	1008211
16	specificity.mp.	653866
17	predictive value*.mp.	142626
18	reference value*.mp.	63773
19	ROC*.mp.	167412
20	likelihood ratio*.mp.	13222
21	screening.mp.	730643
22	false positive.mp.	55373
23	false negative.mp.	33974
24	accuracy.mp.	546208
25	(predictive and value*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	174690
26	reference value*.mp.	63773

27	likelihood ratio.mp.	9962
28	((Clinical adj3 examination) or (clinical adj3 diagnos*) or (physical adj3 examination*) or (physical adj3 diagnos*) or (clinical adj3 test*) or (physical adj3 test) or mcmurray* or apley* or thessaly*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	444435
29	7 or 8 or 9 or 28	1147643
30	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 or 27	2609939
31	6 and 29 and 30	849
32	limit 31 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	488

PIRO 3

Bør patienter med smerter i knæ og ledlinieømhed udredes med MR-scanning med henblik på diagnosticering af menisklæsion?

Medline, 050815, 544 fund

2006-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	33800
2	exp Menisci, Tibial/	6550
3	exp Knee Joint/	45655
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	579474
5	3 and 4	7824
6	exp Knee Injuries/	16543
7	1 or 2 or 5 or 6	38354
8	exp Magnetic Resonance Imaging/	339727
9	(MR imaging* or MRI* or magnetic resonance imaging* or MR tomograph* or NMR tomograph* or proton spin tomograph* or MRI scan*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	417051

10	8 or 9	429353
11	7 and 10	5471
12	exp "Sensitivity and Specificity"/	449837
13	exp Reference Values/	147693
14	exp False Positive Reactions/	25451
15	exp False Negative Reactions/	16587
16	exp Mass Screening/	105902
17	(sensitivity or specificity or predictive value* or reference value* or ROC* or likelihood ratio* or screening or false positive or false negative or accuracy or reference value* or (predictive and value*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	2213985
18	12 or 13 or 14 or 15 or 16 or 17	2227976
19	11 and 18	1094
20	limit 19 to (yr="2006 - 2015" and (danish or english or norwegian or swedish))	544

Embase, 050815, 830 fund
2006-2015

ID	term(s)	results
1	exp knee meniscus/	5821
2	exp knee meniscus rupture/	3901
3	exp knee pain/	9306
4	exp knee injury/	22792
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	42702
6	1 or 2 or 3 or 4 or 5	47485
7	exp nuclear magnetic resonance imaging/	612456
8	(MR imaging* or MRI* or magnetic resonance imaging* or MR tomograph* or NMR tomograph* or proton spin tomograph* or MRI scan*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	625594
9	7 or 8	658096
10	6 and 9	8494
11	exp "sensitivity and specificity"/	230021
12	exp reference value/	55254
13	exp false positive result/	15493
14	exp false negative result/	9657
15	exp mass screening/	169757
16	(sensitivity or specificity or predictive value* or reference value* or ROC* or likelihood ratio* or screening or false positive or false negative or accuracy or	2539989

	reference value* or (predictive and value*)),mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	
17	11 or 12 or 13 or 14 or 15 or 16	2540145
18	10 and 17	1492
19	limit 18 to ((danish or english or norwegian or swedish) and yr="2006 - 2015")	830

PICO 1

Bør patienter med akut opstået aflåst knæ og ledlinieømhed med blivende strække-defekt op til 1 uge tilbydes artroskopisk behandling inden for 2 uger frem for superviseret træning?

Medline, 300615, 155 fund
2005-2015

ID	term(s)	results
1	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	137131
2	(allocated adj2 random).tw.	728
3	(clin: adj25 trial:).ti,ab.	297126
4	(clinic: adj trial:1).tw.	239423
5	(double-blind: or random:).af.	1003179
6	clinical trial.pt.	496125
7	clinical trials as topic.sh.	173586
8	controlled clinical trial.pt.	89816
9	double blind method.sh.	131173
10	single blind method.sh.	20700
11	double-blind method.sh.	131173
12	single-blind method.sh.	20700
13	drug therapy.fs.	1787861
14	exp clinical trials as topic/	291121
15	exp research design/	351877
16	placebo:.tw.	169438
17	placebos.sh.	33059
18	practice guideline.pt.	20346
19	random allocation.sh.	84002
20	random:.tw.	779319
21	Random.af.	268420
22	randomized controlled trial.pt.	399009
23	randomized controlled trials as topic.sh.	98669
24	randomized.ab.	325351
25	randomly allocated.tw.	18812
26	randomly.ab.	233829
27	single-blind method.sh.	20700

28	trial.ab.	336924
29	trial.ti.	140747
30	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 or 27 or 28 or 29	3058994
31	case report.tw.	221052
32	letter.pt.	885888
33	historical article.pt.	317931
34	31 or 32 or 33	1412610
35	30 not 34	2879586
36	exp Exercise/	127599
37	exp exercise movement techniques/ or exp exercise therapy/	37767
38	exp Physical Fitness/	22746
39	exp "Recovery of Function"/	34445
40	exp Weight Lifting/	3963
41	exp Resistance Training/	3925
42	exp Sports/	134866
43	(physical therapy or physiotherapy or rehabilitation).tw. or recovery of function.mp. or exercise*.mp. or kinesiotherap*.mp. or fitness.mp. or weightlifting.mp. or jump*.mp. or workout.mp. or sport*.mp. or run*.mp. or walk*.mp. or cycling.mp. or bicycling.mp. or bicycle*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	729726
44	((isometric* or isokinetic* or aerobic* or endurance or weight* or resistance or resistive or strength* or muscle*) adj3 (train* or exercise* or therap* or rehab* or program*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	66926
45	36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44	783924
46	exp Knee Injuries/	16424
47	exp Dislocations/	30315
48	exp Knee Dislocation/	466
49	47 or 48	30315
50	menisc*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	13147
51	49 and 50	299
52	(knee* adj3 (injur* or trauma* or distortion* or sprain* or stiff*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	19006
53	(knee* adj3 (luxation* or relaxation* or subluxation* or extension* or flexion*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	10426

54	(knee* adj3 (loose fragment* or foreign body or foreign bodies or loose body or loose bodies or catch* or click* or lock* or block)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	511
55	exp Menisci, Tibial/in [Injuries]	3313
56	exp Rupture/	37442
57	menisc*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	13147
58	56 and 57	767
59	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma* or flip* or displace* or cyst* or root avulsion*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	5070
60	46 or 51 or 52 or 53 or 54 or 55 or 58 or 59	32513
61	exp Arthroscopy/	17587
62	exp Minimally Invasive Surgical Procedures/	390438
63	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	48624
64	61 or 62 or 63	400232
65	45 and 60 and 64	1556
66	35 and 65	256
67	limit 66 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	155

Embase, 300615, 204 fund
2005-2015

ID	term(s)	results
1	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	177044
2	(allocated adj2 random).tw.	810
3	(clin: adj25 trial:).ti,ab.	398306
4	(clinic: adj trial:1).tw.	320675
5	(double-blind: or random:).af.	1199104
6	exp "clinical trial (topic)"/	153266
7	exp double blind procedure/	124033
8	exp single blind procedure/	20498
9	exp triple blind procedure/	97
10	placebo:.tw.	221955
11	exp placebo/	271588

12	exp randomization/	67044
13	Random.af.	219286
14	random:.tw.	998719
15	exp "randomized controlled trial (topic)"/	77244
16	randomized.ab.	438428
17	randomly allocated.tw.	22931
18	randomly.ab.	296082
19	trial.ab.	450442
20	trial.ti.	185598
21	exp "controlled clinical trial (topic)"/	80522
22	randomized controlled trial/ or "randomized controlled trial (topic)"/	453425
23	exp controlled clinical trial/	515435
24	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	1839745
25	exp exercise/	234582
26	exp kinesiotherapy/	53385
27	exp fitness/	30891
28	exp weight lifting/	4009
29	exp resistance training/	7506
30	exp endurance training/	2770
31	exp sport/	112228
32	(physical therapy or physiotherapy or rehabilitation).tw. or recovery of function.mp. or exercise*.mp. or kinesiotherap*.mp. or fitness.mp. or weightlifting.mp. or jump*.mp. or workout.mp. or sport*.mp. or run*.mp. or walk*.mp. or cycling.mp. or bicycling.mp. or bicycle*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	966505
33	((isometric* or isokinetic* or aerobic* or endurance or weight* or resistance or resistive or strength* or muscle*) adj3 (train* or exercise* or therap* or rehab* or program*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	99578
34	25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33	1029550
35	exp knee dislocation/	1100
36	menisc*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	16656
37	35 and 36	110
38	exp knee injury/	23329
39	(knee* adj3 (injur* or trauma* or distortion* or sprain* or stiff*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	18702
40	(knee adj3 (luxation* or relaxation* or subluxation* or extension* or flexion*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	12261
41	(knee* adj3 (loose fragment* or foreign body or foreign bodies or loose body or loose bodies or catch* or click* or lock* or block)).mp. [mp=title, abstract,	647

	heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	
42	exp knee meniscus rupture/	4037
43	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma* or dislocation* or flip* or displace* or cyst* or root avulsion*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	7730
44	37 or 38 or 39 or 40 or 41 or 42 or 43	40444
45	knee surgery/	4047
46	exp arthroscopy/ or exp knee arthroscopy/	21936
47	exp arthroscopic surgery/	7619
48	minimally invasive surgery/	27229
49	minimally invasive procedure/	8090
50	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	65975
51	45 or 46 or 47 or 48 or 49 or 50	76239
52	34 and 44 and 51	2438
53	24 and 52	306
54	limit 53 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	204

PICO 2

PICO 2: Bør patienter med traumatisk opståede smerter i knæ og ledlinieømhed gennem 6 uger, uden initial strækkedefekt, tilbydes ikke kirurgisk behandling frem for artroskopisk behandling? Er der særlige forhold der gør sig gældende for patienter med radiologisk påvist artrose? Er der særlige forhold der gør sig gældende for patienter som rapporterer mekaniske symptomer (catching, locking, clicking)?

Medline, 280715, 164 fund
2013-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	33702
2	exp Menisci, Tibial/	6533
3	exp Knee Joint/	45576
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	578455

5	3 and 4	7810
6	exp Knee Injuries/	16512
7	1 or 2 or 5 or 6	38251
8	exp Arthroscopy/	17683
9	exp Minimally Invasive Surgical Procedures/	393808
10	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	49026
11	8 or 9 or 10	403702
12	7 and 11	7515
13	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	139284
14	(allocated adj2 random).tw.	745
15	(clin: adj25 trial:).ti,ab.	301779
16	(clinic: adj trial:1).tw.	242888
17	(double-blind: or random:).af.	1018043
18	clinical trial.pt.	503183
19	clinical trials as topic.sh.	177382
20	controlled clinical trial.pt.	91271
21	double blind method.sh.	133529
22	single blind method.sh.	20972
23	double-blind method.sh.	133529
24	single-blind method.sh.	20972
25	drug therapy.fs.	1814688
26	exp clinical trials as topic/	297717
27	exp research design/	357732
28	placebo:.tw.	172083
29	placebos.sh.	33778
30	practice guideline.pt.	20483
31	random allocation.sh.	85371
32	random:.tw.	789632
33	Random.af.	271558
34	randomized controlled trial.pt.	405863
35	randomized controlled trials as topic.sh.	101175
36	randomized.ab.	328913
37	randomly allocated.tw.	19263
38	randomly.ab.	237251
39	single-blind method.sh.	20972
40	trial.ab.	342478
41	trial.ti.	144770
42	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41	3102974
43	case report.tw.	222964
44	letter.pt.	943382
45	historical article.pt.	322740

46	43 or 44 or 45	1476307
47	42 not 46	2912207
48	12 and 47	1115
49	limit 48 to (yr="2013 - 2015" and (danish or english or norwegian or swedish))	164

Embase, 280715, 257 fund
2013-2015

ID	term(s)	results
1	exp knee meniscus/	5805
2	exp knee meniscus rupture/	3895
3	exp knee pain/	9291
4	exp knee injury/	22773
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	42620
6	1 or 2 or 3 or 4 or 5	47399
7	knee surgery/	4049
8	exp arthroscopy/ or exp arthroscopic surgery/	27250
9	exp knee arthroscopy/	4841
10	exp minimally invasive surgery/	27377
11	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	66143
12	7 or 8 or 9 or 10 or 11	69020
13	6 and 12	10207
14	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	171003
15	(allocated adj2 random).tw.	731
16	(clin: adj25 trial:).ti,ab.	395581
17	(clinic: adj trial:1).tw.	318177
18	(double-blind: or random:).af.	1188060
19	exp "clinical trial (topic)"/	155870
20	exp double blind procedure/	122094
21	exp single blind procedure/	20623
22	exp triple blind procedure/	97
23	placebo:.tw.	217599
24	exp placebo/	260138
25	exp randomization/	67354
26	Random.af.	214427
27	random:.tw.	992676
28	exp "randomized controlled trial (topic)"/	78559
29	randomized.ab.	439164

30	randomly allocated.tw.	22837
31	randomly.ab.	294397
32	trial.ab.	445459
33	trial.ti.	181346
34	exp "controlled clinical trial (topic)"/	81905
35	randomized controlled trial/ or "randomized controlled trial (topic)"/	454505
36	exp controlled clinical trial/	515488
37	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36	1813222
38	13 and 37	1125
39	limit 38 to ((danish or english or norwegian or swedish) and yr="2013 - 2015")	257

PICO 3

Bør patienter med ikke traumatisk opståede smerter i knæ og med ledlinieømhed uden strækkedefekt initialt tilbydes ikke kirurgisk behandling frem for artroskopisk behandling?
Er der særlige forhold der gør sig gældende for patienter med radiologisk påvist artrose?
Er der særlige forhold der gør sig gældende for patienter som rapporterer mekaniske symptomer (catching, locking, clicking)?

Medline, 280715, 90 fund
2014-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	33702
2	exp Menisci, Tibial/	6533
3	exp Knee Joint/	45576
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	578455
5	3 and 4	7810
6	exp Knee Injuries/	16512
7	1 or 2 or 5 or 6	38251
8	exp Arthroscopy/	17683
9	exp Minimally Invasive Surgical Procedures/	393808
10	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	49026

11	8 or 9 or 10	403702
12	7 and 11	7515
13	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	139284
14	(allocated adj2 random).tw.	745
15	(clin: adj25 trial:).ti,ab.	301779
16	(clinic: adj trial:1).tw.	242888
17	(double-blind: or random:).af.	1018043
18	clinical trial.pt.	503183
19	clinical trials as topic.sh.	177382
20	controlled clinical trial.pt.	91271
21	double blind method.sh.	133529
22	single blind method.sh.	20972
23	double-blind method.sh.	133529
24	single-blind method.sh.	20972
25	drug therapy.fs.	1814688
26	exp clinical trials as topic/	297717
27	exp research design/	357732
28	placebo:.tw.	172083
29	placebos.sh.	33778
30	practice guideline.pt.	20483
31	random allocation.sh.	85371
32	random:.tw.	789632
33	Random.af.	271558
34	randomized controlled trial.pt.	405863
35	randomized controlled trials as topic.sh.	101175
36	randomized.ab.	328913
37	randomly allocated.tw.	19263
38	randomly.ab.	237251
39	single-blind method.sh.	20972
40	trial.ab.	342478
41	trial.ti.	144770
42	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41	3102974
43	case report.tw.	222964
44	letter.pt.	943382
45	historical article.pt.	322740
46	43 or 44 or 45	1476307
47	42 not 46	2912207
48	12 and 47	1115
49	limit 48 to (yr="2014 - 2015" and (danish or english or norwegian or swedish))	90

Embase, 280715, 142 fund
2014-2015

ID	term(s)	results
1	exp knee meniscus/	5805
2	exp knee meniscus rupture/	3895
3	exp knee pain/	9291
4	exp knee injury/	22773
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	42620
6	1 or 2 or 3 or 4 or 5	47399
7	knee surgery/	4049
8	exp arthroscopy/ or exp arthroscopic surgery/	27250
9	exp knee arthroscopy/	4841
10	exp minimally invasive surgery/	27377
11	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	66143
12	7 or 8 or 9 or 10 or 11	69020
13	6 and 12	10207
14	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	171003
15	(allocated adj2 random).tw.	731
16	(clin: adj25 trial:).ti,ab.	395581
17	(clinic: adj trial:1).tw.	318177
18	(double-blind: or random:).af.	1188060
19	exp "clinical trial (topic)"/	155870
20	exp double blind procedure/	122094
21	exp single blind procedure/	20623
22	exp triple blind procedure/	97
23	placebo:.tw.	217599
24	exp placebo/	260138
25	exp randomization/	67354
26	Random.af.	214427
27	random:.tw.	992676
28	exp "randomized controlled trial (topic)"/	78559
29	randomized.ab.	439164
30	randomly allocated.tw.	22837
31	randomly.ab.	294397
32	trial.ab.	445459
33	trial.ti.	181346
34	exp "controlled clinical trial (topic)"/	81905
35	randomized controlled trial/ or "randomized controlled trial (topic)"/	454505
36	exp controlled clinical trial/	515488
37	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36	1813222

38	13 and 37	1125
39	limit 38 to ((danish or english or norwegian or swedish) and yr="2014 - 2015")	142

PICO 4

Bør patienter med MR-påvist udisloceret menisklæsion, smerter i knæ og ledlinieømhed uden mekaniske symptomer eller strækkedefekt tilbydes ikke kirurgisk behandling frem for artroskopisk behandling?

Medline, 280715, 51 fund
2005-2015

ID	term(s)	results
1	exp Menisci, Tibial/in [Injuries]	3330
2	exp Rupture/	37740
3	menisc*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	13235
4	2 and 3	768
5	(menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma* or root avulsion* or cyst*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	4849
6	1 or 4 or 5	6300
7	exp Magnetic Resonance Imaging/	339333
8	(MR imaging* or MRI* or magnetic resonance imaging* or MR tomograph* or NMR tomograph* or proton spin tomograph* or MRI scan*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	416274
9	7 or 8	428568
10	exp Arthroscopy/	17683
11	exp Minimally Invasive Surgical Procedures/	393808
12	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	49026
13	10 or 11 or 12	403702
14	6 and 9 and 13	981
15	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	139284
16	(allocated adj2 random).tw.	745

17	(clin: adj25 trial:).ti,ab.	301779
18	(clinic: adj trial:1).tw.	242888
19	(double-blind: or random:).af.	1018043
20	clinical trial.pt.	503183
21	clinical trials as topic.sh.	177382
22	controlled clinical trial.pt.	91271
23	double blind method.sh.	133529
24	single blind method.sh.	20972
25	double-blind method.sh.	133529
26	single-blind method.sh.	20972
27	drug therapy.fs.	1814688
28	exp clinical trials as topic/	297717
29	exp research design/	357732
30	placebo:.tw.	172083
31	placebos.sh.	33778
32	practice guideline.pt.	20483
33	random allocation.sh.	85371
34	random:.tw.	789632
35	Random.af.	271558
36	randomized controlled trial.pt.	405863
37	randomized controlled trials as topic.sh.	101175
38	randomized.ab.	328913
39	randomly allocated.tw.	19263
40	randomly.ab.	237251
41	single-blind method.sh.	20972
42	trial.ab.	342478
43	trial.ti.	144770
44	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43	3102974
45	case report.tw.	222964
46	letter.pt.	943382
47	historical article.pt.	322740
48	45 or 46 or 47	1476307
49	44 not 48	2912207
50	14 and 49	87
51	limit 50 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	51

Embase, 280715, 85 fund
2005-2015

ID	term(s)	results
1	exp knee meniscus rupture/	3895
2	(menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma* or root avulsion* or cyst*)).mp. [mp=title, abstract, heading word, drug trade name,	7205

	original title, device manufacturer, drug manufacturer, device trade name, keyword]	
3	1 or 2	7205
4	exp nuclear magnetic resonance imaging/	611120
5	(MR imaging* or MRI* or magnetic resonance imaging* or MR tomograph* or NMR tomograph* or proton spin tomograph* or MRI scan*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	624266
6	4 or 5	656654
7	knee surgery/	4049
8	exp arthroscopic surgery/	7651
9	exp arthroscopy/	21909
10	exp knee arthroscopy/	4841
11	exp minimally invasive surgery/	27377
12	(arthroscop* or minimally invasive surg* or mini-invasive).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	66143
13	7 or 8 or 9 or 10 or 11 or 12	69020
14	3 and 6 and 13	1346
15	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	171003
16	(allocated adj2 random).tw.	731
17	(clin: adj25 trial:).ti,ab.	395581
18	(clinic: adj trial:1).tw.	318177
19	(double-blind: or random:).af.	1188060
20	exp "clinical trial (topic)"/	155870
21	exp double blind procedure/	122094
22	exp single blind procedure/	20623
23	exp triple blind procedure/	97
24	placebo:tw.	217599
25	exp placebo/	260138
26	exp randomization/	67354
27	Random.af.	214427
28	random:tw.	992676
29	exp "randomized controlled trial (topic)"/	78559
30	randomized.ab.	439164
31	randomly allocated.tw.	22837
32	randomly.ab.	294397
33	trial.ab.	445459
34	trial.ti.	181346
35	exp "controlled clinical trial (topic)"/	81905
36	randomized controlled trial/ or "randomized controlled trial (topic)"/	454505
37	exp controlled clinical trial/	515488
38	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37	1813222
39	14 and 38	128
40	limit 39 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	85

PICO 5

Bør patienter tilbydes superviseret genoptræning efter meniskresektion?

Medline, 080715, 43 fund
2013-2015

ID	term(s)	results
1	exp Menisci, Tibial/in, su [Injuries, Surgery]	4835
2	(meniscectom* or menisectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	2542
3	1 or 2	5965
4	exp Exercise/	129320
5	exp exercise movement techniques/ or exp exercise therapy/	38472
6	exp Physical Fitness/	23006
7	exp "Recovery of Function"/	35111
8	exp Weight Lifting/	3987
9	exp Resistance Training/	4024
10	exp Sports/	136610
11	(physical therapy or physiotherapy or rehabilitation).tw. or recovery of function.mp. or exercise*.mp. or kinesiotherap*.mp. or fitness.mp. or weightlifting.mp. or jump*.mp. or workout.mp. or sport*.mp. or run*.mp. or walk*.mp. or cycling.mp. or bicycling.mp. or bicycle*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	739808
12	((isometric* or isokinetic* or aerobic* or endurance or weight* or resistance or resistive or strength* or muscle*) adj3 (train* or exercise* or therap* or rehab* or program*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	67995
13	4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12	794944
14	3 and 13	1185
15	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	139762
16	(allocated adj2 random).tw.	745
17	(clin: adj25 trial:).ti,ab.	304080
18	(clinic: adj trial:1).tw.	244639
19	(double-blind: or random:).af.	1023364
20	clinical trial.pt.	503726

21	clinical trials as topic.sh.	177738
22	controlled clinical trial.pt.	91358
23	double blind method.sh.	133938
24	single blind method.sh.	21090
25	double-blind method.sh.	133938
26	single-blind method.sh.	21090
27	drug therapy.fs.	1820245
28	exp clinical trials as topic/	298616
29	exp research design/	358885
30	placebo:.tw.	172795
31	placebos.sh.	33824
32	practice guideline.pt.	20569
33	random allocation.sh.	85608
34	random:.tw.	794280
35	Random.af.	272807
36	randomized controlled trial.pt.	407545
37	randomized controlled trials as topic.sh.	101593
38	randomized.ab.	330979
39	randomly allocated.tw.	19407
40	randomly.ab.	238650
41	single-blind method.sh.	21090
42	trial.ab.	344927
43	trial.ti.	145842
44	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43	3115106
45	case report.tw.	223803
46	letter.pt.	945924
47	historical article.pt.	323836
48	45 or 46 or 47	1480746
49	44 not 48	2923779
50	14 and 49	193
51	limit 50 to (yr="2013 - 2015" and (danish or english or norwegian or swedish))	43

Embase, 080715, 54 fund
2013-2015

ID	term(s)	results
1	exp knee meniscus/su [Surgery]	999
2	exp meniscectomy/	2321
3	(meniscectom* or menisectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	3801

4	1 or 2 or 3	4422
5	exp exercise/	229617
6	exp kinesiotherapy/	52330
7	exp fitness/	30396
8	exp weight lifting/	3964
9	exp resistance training/	7664
10	exp endurance training/	2841
11	exp sport/	109774
12	(physical therapy or physiotherapy or rehabilitation).tw. or recovery of function.mp. or exercise*.mp. or kinesiotherap*.mp. or fitness.mp. or weightlifting.mp. or jump*.mp. or workout.mp. or sport*.mp. or run*.mp. or walk*.mp. or cycling.mp. or bicycling.mp. or bicycle*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	938457
13	((isometric* or isokinetic* or aerobic* or endurance or weight* or resistance or resistive or strength* or muscle*) adj3 (train* or exercise* or therap* or rehab* or program*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	99038
14	5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	1000880
15	4 and 14	1082
16	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	171514
17	(allocated adj2 random).tw.	734
18	(clin: adj25 trial:).ti,ab.	397550
19	(clinic: adj trial:1).tw.	319732
20	(double-blind: or random:).af.	1193032
21	exp "clinical trial (topic)"/	158024
22	exp double blind procedure/	122445
23	exp single blind procedure/	20720
24	exp triple blind procedure/	98
25	placebo:.tw.	218217
26	exp placebo/	260787
27	exp randomization/	67501
28	Random.af.	215244
29	random:.tw.	996591
30	exp "randomized controlled trial (topic)"/	79628
31	randomized.ab.	441005
32	randomly allocated.tw.	22923
33	randomly.ab.	295486
34	trial.ab.	447533
35	trial.ti.	182299
36	exp "controlled clinical trial (topic)"/	83034
37	randomized controlled trial/ or "randomized controlled trial (topic)"/	456936
38	exp controlled clinical trial/	517060
39	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38	1820692

40	15 and 39	150
41	limit 40 to ((danish or english or norwegian or swedish) and yr="2013 - 2015")	54

PICO 6

Bør patienter med artroskopisk verificerede ustabile kapselnære menisklæsioner, velegnede til sutur, tilbydes sutur frem for resektion?

Medline, 030715, 169 fund
2005-2015

ID	term(s)	results
1	exp Menisci, Tibial/in [Injuries]	3313
2	exp Rupture/	37442
3	menisc*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	13147
4	2 and 3	767
5	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	4835
6	1 or 4 or 5	6257
7	Sutures/ or Suture Techniques/	47008
8	suture*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	81673
9	7 or 8	81673
10	(menisc* adj3 (preservation* or reconstruction* or refixation* or repair* or restoration* or reinsertion*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	1311
11	exp Menisci, Tibial/su [Surgery]	3127
12	(meniscectom* or meniscectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	2506
13	10 or 11 or 12	4693
14	9 or 13	85696
15	6 and 14	2630
16	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	137131

17	(allocated adj2 random).tw.	728
18	(clin: adj25 trial:).ti,ab.	297126
19	(clinic: adj trial:1).tw.	239423
20	(double-blind: or random:).af.	1003179
21	clinical trial.pt.	496125
22	clinical trials as topic.sh.	173586
23	controlled clinical trial.pt.	89816
24	double blind method.sh.	131173
25	single blind method.sh.	20700
26	double-blind method.sh.	131173
27	single-blind method.sh.	20700
28	drug therapy.fs.	1787861
29	exp clinical trials as topic/	291121
30	exp research design/	351877
31	placebo:.tw.	169438
32	placebos.sh.	33059
33	practice guideline.pt.	20346
34	random allocation.sh.	84002
35	random:.tw.	779319
36	Random.af.	268420
37	randomized controlled trial.pt.	399009
38	randomized controlled trials as topic.sh.	98669
39	randomized.ab.	325351
40	randomly allocated.tw.	18812
41	randomly.ab.	233829
42	single-blind method.sh.	20700
43	trial.ab.	336924
44	trial.ti.	140747
45	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44	3058994
46	case report.tw.	221052
47	letter.pt.	885888
48	historical article.pt.	317931
49	46 or 47 or 48	1412610
50	45 not 49	2879586
51	15 and 50	253
52	limit 51 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	169

Embase, 030715, 176 fund
2005-2015

ID	term(s)	results
1	exp knee meniscus rupture/	4037
2	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	7435
3	1 or 2	7435
4	exp suture/	38135
5	exp suturing method/	28448
6	suture*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	82119
7	4 or 5 or 6	101507
8	exp meniscal repair/	496
9	(menisc* adj3 (preservation* or reconstruction* or refixation* or repair* or restoration* or reinsertion*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	1743
10	8 or 9	1743
11	exp knee meniscus/su [Surgery]	999
12	(meniscectom* or menisectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	3958
13	11 or 12	4579
14	7 or 10 or 13	106324
15	3 and 14	2583
16	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	177044
17	(allocated adj2 random).tw.	810
18	(clin: adj25 trial:).ti,ab.	398306
19	(clinic: adj trial:1).tw.	320675
20	(double-blind: or random:).af.	1199104
21	exp "clinical trial (topic)"/	153266
22	exp double blind procedure/	124033
23	exp single blind procedure/	20498
24	exp triple blind procedure/	97
25	placebo:.tw.	221955
26	exp placebo/	271588
27	exp randomization/	67044
28	Random.af.	219286
29	random:.tw.	998719
30	exp "randomized controlled trial (topic)"/	77244
31	randomized.ab.	438428

32	randomly allocated.tw.	22931
33	randomly.ab.	296082
34	trial.ab.	450442
35	trial.ti.	185598
36	exp "controlled clinical trial (topic)"/	80522
37	randomized controlled trial/ or "randomized controlled trial (topic)"/	453425
38	exp controlled clinical trial/	515435
39	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38	1839745
40	15 and 39	230
41	limit 40 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	176

Supplerende søgning:

Medline, 100715, 246 fund

2012-2015

ID	term(s)	results
1	exp Menisci, Tibial/in [Injuries]	3325
2	exp Rupture/	37712
3	menisc*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	13209
4	2 and 3	768
5	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	4859
6	1 or 4 or 5	6287
7	Sutures/ or Suture Techniques/	48162
8	suture*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	83468
9	7 or 8	83468
10	(menisc* adj3 (preservation* or reconstruction* or refixation* or repair* or restoration* or reinsertion*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	1316
11	exp Menisci, Tibial/su [Surgery]	3143
12	(meniscectom* or menisectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	2523

13	10 or 11 or 12	4719
14	9 or 13	87516
15	6 and 14	2641
16	Cohort studies/ or comparative study/ or follow-up studies/ or prospective studies/ or risk factors/ or cohort.mp. or compared.mp. or groups.mp. or multivariate.mp.	5701327
17	15 and 16	1266
18	limit 17 to (yr="2012 - 2015" and (danish or english or norwegian or swedish))	246

Supplerende søgning:

Embase, 100715, 296 fund

2012-2015

ID	term(s)	results
1	exp knee meniscus rupture/	4052
2	((menisc* adj3 (tear* or torn or lesion* or ruptur* or injur* or trauma*)) or bucket-handle* or buckethandle*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	7468
3	1 or 2	7468
4	exp suture/	38192
5	exp suturing method/	28483
6	suture*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	82238
7	4 or 5 or 6	101640
8	exp meniscal repair/	501
9	(menisc* adj3 (preservation* or reconstruction* or refixation* or repair* or restoration* or reinsertion*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	1758
10	8 or 9	1758
11	exp knee meniscus/su [Surgery]	999
12	(meniscectom* or menisectom* or (menisc* adj3 (resection* or excision*))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	3988
13	11 or 12	4609
14	7 or 10 or 13	106485
15	3 and 14	2600
16	Clinical article/ or controlled study/ or major clinical study/ or prospective study/ or cohort.mp. or compared.mp. or groups.mp. or multivariate.mp.	9586140
17	15 and 16	1359
18	limit 17 to ((danish or english or norwegian or swedish) and yr="2012 - 2015")	296

PICO 7

Bør patienter, der har smerter i knæet, som ved klinisk undersøgelse kan skyldes såvel menisklæsion som artrose, have foretaget stående røntgenundersøgelse af knæleddet med henblik på at af- eller bekræfte artrose forud for videre stillingtagen til supplerende diagnostik, herunder artroskopi/MR?

Medline 250915, 1354 fund
2005-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	34239
2	exp Menisci, Tibial/	6608
3	exp Knee Joint/	46092
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	586712
5	3 and 4	7924
6	exp Knee Injuries/	16702
7	1 or 2 or 5 or 6	38848
8	exp Physical Examination/	1126408
9	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	148807
10	8 or 9	1235549
11	7 and 10	8445
12	((singl: or doubl: or treb: or tripl:) adj (blind:3 or mask:3)).tw.	140813
13	(allocated adj2 random).tw.	747
14	(clin: adj25 trial:).ti,ab.	308615
15	(clinic: adj trial:1).tw.	248148
16	(double-blind: or random:).af.	1034712
17	clinical trial.pt.	505313
18	clinical trials as topic.sh.	178622
19	controlled clinical trial.pt.	91658
20	double blind method.sh.	134826
21	single blind method.sh.	21316
22	double-blind method.sh.	134826
23	single-blind method.sh.	21316
24	drug therapy.fs.	1835560

25	exp clinical trials as topic/	300680
26	exp research design/	361646
27	placebo:.tw.	174268
28	placebos.sh.	33985
29	practice guideline.pt.	20798
30	random allocation.sh.	86145
31	random:.tw.	803867
32	Random.af.	275858
33	randomized controlled trial.pt.	411416
34	randomized controlled trials as topic.sh.	102542
35	randomized.ab.	335141
36	randomly allocated.tw.	19624
37	randomly.ab.	241281
38	single-blind method.sh.	21316
39	trial.ab.	349782
40	trial.ti.	147958
41	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40	3144757
42	case report.tw.	225474
43	letter.pt.	951288
44	historical article.pt.	326196
45	42 or 43 or 44	1490059
46	41 not 45	2952176
47	11 and 46	2096
48	limit 47 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	1354

Embase 250915, 188 fund
2005-2015

ID	term(s)	results
1	exp knee meniscus/	5930
2	exp knee meniscus rupture/	3952
3	exp knee pain/	9468
4	exp knee injury/	22961
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	43221
6	1 or 2 or 3 or 4 or 5	48044
7	exp clinical examination/	79947
8	exp physical examination/	169783
9	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos*).mp. [mp=title, abstract, heading word, drug trade name, original title,	331728

	device manufacturer, drug manufacturer, device trade name, keyword]	
10	7 or 8 or 9	351281
11	6 and 10	4132
12	((singl: or doubl: or treb: or tripl:.) adj (blind:3 or mask:3)).tw.	173104
13	(allocated adj2 random).tw.	736
14	(clin: adj25 trial:).ti,ab.	402731
15	(clinic: adj trial:1).tw.	323792
16	(double-blind: or random:).af.	1208860
17	exp "clinical trial (topic)"/	163509
18	exp double blind procedure/	123428
19	exp single blind procedure/	20967
20	exp triple blind procedure/	107
21	placebo:.tw.	220348
22	exp placebo/	262958
23	exp randomization/	68051
24	Random.af.	217891
25	random:.tw.	1009557
26	exp "randomized controlled trial (topic)"/	82646
27	randomized.ab.	446846
28	randomly allocated.tw.	23249
29	randomly.ab.	299512
30	trial.ab.	453398
31	trial.ti.	184803
32	exp "controlled clinical trial (topic)"/	86188
33	randomized controlled trial/ or "randomized controlled trial (topic)"/	463987
34	exp controlled clinical trial/	521813
35	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 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34	1842962
36	11 and 35	280
37	limit 36 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	188

Supplerende søgning:
Medline, 181015, 1271 fund
2005-2015

ID	term(s)	results
1	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	34350
2	exp Menisci, Tibial/	6637

3	exp Knee Joint/	46331
4	(pain* or tenderness).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	589533
5	3 and 4	7986
6	exp Knee Injuries/	16777
7	1 or 2 or 5 or 6	38985
8	exp Physical Examination/	1132214
9	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]	149603
10	8 or 9	1241930
11	7 and 10	8502
12	limit 11 to observational study	36
13	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ab,kw,pt,sh,ti.	1156122
14	11 and 13	1894
15	12 or 14	1908
16	limit 15 to (yr="2005 - 2015" and (danish or english or norwegian or swedish))	1271

Supplerende søgning:

Embase, 181015, 332 fund

2005-2015

ID	term(s)	results
1	exp knee meniscus/	5980
2	exp knee meniscus rupture/	3963
3	exp knee pain/	9560
4	exp knee injury/	23030
5	(menisc* or semilunar cartilage* or (knee* adj3 (pain* or tenderness or injur* or trauma* or swelling or swollen)) or (joint line* adj3 (pain* or tenderness))).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	43526
6	1 or 2 or 3 or 4 or 5	48363
7	exp clinical examination/	80302
8	exp physical examination/	170851
9	(Clinical examination* or clinical diagnos* or physical examination* or physical diagnos*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	333665

10	7 or 8 or 9	353354
11	6 and 10	4149
12	((Epidemiologic or cohort* or perspective or prospective or longitud* or follow-up or follow up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or cross section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca* or validation) adj3 (study or studies or trial*1 or analys*)).ti,sh,ab,pt,kw.	1531881
13	11 and 12	548
14	limit 13 to ((danish or english or norwegian or swedish) and yr="2005 - 2015")	332