

## Søgeprotokol for Nationale Kliniske Retningslinjer

<b>Projekt titel/aspekt</b>	NKR for ikke-kirurgisk behandling af rodtryk i nakken med udstrålende symptomer til armen (cervikal radikulopati) - Guidelines
<b>Kontakt projektgruppe</b>	Per Kjær fagkonsulent / Christine Skovgaard projektleder
<b>Kontakt søgespecialist</b>	Herdis Foverskov h.foverskov@videncentret.dk
<b>Senest opdateret</b>	16. januar 2015

<b>Baggrund</b>	<p>Nakkesmerter er hyppigt forekommende. Mellem 25% og 75% af voksne oplever et forløb med nakkesmerter i løbet af livet. Ifølge "Sundhed og sygelighed i Danmark" fra 2012 har halvdelen af voksenbefolkningen nakkesmerter inden for en fjorten dages periode. Hos et mindretal af disse vil nakkesmerterne være ledsaget af symptomgivende rodtryk i halscolumna, cervikal radikulopati (CR). CR giver symptomer og fund i form af smerter, føleforstyrrelser, kraftnedsættelse og ændret refleksmønster i en eller begge overekstremiteter.</p> <p>Der findes ikke i Danmark en national behandlingsretningslinje for CR. Patienter med CR behandles af sundhedsprofessionelle fra forskellige professioner og i både primær og sekundær sektor. Formålet med en national klinisk retningslinje er at udforme evidensbaserede anbefalinger for ikke-kirurgisk behandling af CR, på tværs af sektorer og faggrupper.</p>
<b>Søgetermer</b>	<p>Engelske: Cervical vertebrae, Radiculopathy, Neck, Neck pain, Intervertebral disc displacement, Intervertebral disc degeneration, Prolapse, Nerve root compression</p> <p>Danske: Cervikal radikulopati, Radiculopati, Nakkesmerter, Radikulære smerter, Diskusprolaps i nakken, Degeneration i nakken</p> <p>Norske: Cervikal radikulopati, Radiculopati, Nakkesmerter, Nakkeprolaps</p> <p>Svenske: Cervikal radikulopati, Cervikalt diskbråck, Nacksmärta</p>
<b>Inklusions- og eksklusionskriterier</b>	<p>Sprog: Engelsk, dansk, norsk og svensk</p> <p>År: de sidste 10 år, (2004-2014)</p> <p>Population: ingen afgrænsning</p> <p>Publikationstyper: Guidelines, Practice Guidelines, Clinical guidelines, MTV/HTA</p>

## Informationskilder

Databaser	Interface	Fund	Dato for søgning
<b>G-I-N International</b>	Internet	16	11.07.2014
<b>NICE (UK)</b>	Internet	0	04.07.2014
<b>National Guideline Clearinghouse (USA)</b>	Internet	33	07.07.2014
<b>Scottish Intercollegiate Guidelines Network (SIGN)</b>	Internet	0	07.07.2014
<b>HTA Databasen (CRD database)</b>	Internet	22	08.07.2014
<b>SBU, Sverige</b>	Internet	1	08.07.2014
<b>Socialstyrelsen, Sverige</b>	Internet	2	08.07.2014
<b>Helsedirektoratet, Norge</b>	Internet	0	09.07.2014
<b>Kunnskapscenteret, Norge</b>	Internet	1	08.07.2014
<b>Helsebiblioteket</b>	Internet	0	08.07.2014

<b>Medline</b>	OVID	64	04.07.2014
<b>EMBASE</b>	OVID	185	09.07.2014
<b>Pedro</b>	Internet	5	06.07.2014

### Note:

- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- De fundne referencer afleveres via Covidence – hvor dubletter så vidt muligt er frasorteret.
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer de enkelte søgeord genererer

## Søgestrati

### G-I-N International

2004-2014

engelsk, dansk, norsk, svensk

Total hits: 16

Søgeord	Hits	Noter
Cervical pain*	0	
Neck pain*	6	
Neck ache*	0	
Cervical and radicul*	5	
Cervical and monoradicul*	0	
Cervical and mono-radicul*	0	
Cervical and polyradicul*	0	
Cervical and poly-radicul*	0	
Cervical and nerve root*	0	
Cervical and prolaps*	0	
Cervical and disc*	0	
Cervical and disk*	0	
Cervical and degenerati*	9	5 nye

1

ID: 381

AU: =AHRQ Agency for HR

TI : ACR Appropriateness Criteria® chronic neck pain. American College of Radiology.

NGC:010155

YR : 2013

LN: <http://www.guideline.gov/content.aspx?id=47670>

2

ID: 386

AU: =AHRQ Agency for HR

TI : An update of comprehensive evidence-based guidelines for interventional techniques in chronic

spinal pain. Part II: guidance and recommendations. American Society of Interventional Pain

Physicians. NGC:009842

YR : 2013

LN: <http://www.guideline.gov/content.aspx?id=45379>

3

ID: 382

AU: =AHRQ Agency for HR

TI : Neck and upper back (acute & chronic). Work Loss Data Institute. NGC:008518

YR : 2011

LN: <http://www.guideline.gov/content.aspx?id=33185>

4

ID: 395

AU: =AHRQ Agency for HR

TI : Diagnosis and treatment of cervical radiculopathy from degenerative disorders. North American

Spine Society. NGC:008008 North American Spine Society - Medical Specialty Society

YR : 2010

LN: <http://www.guideline.gov/content.aspx?id=23938>

5

ID: 388

AU: =AHRQ Agency for HR

TI : Cervical laminoforaminotomy for the treatment of cervical degenerative radiculopathy. American

Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008139

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24486>

6

ID: 389

AU: =AHRQ Agency for HR

TI : Cervical laminoplasty for the treatment of cervical degenerative myelopathy. American

Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008135

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24482>

7

ID: 390

AU: =AHRQ Agency for HR

TI : Cervical laminectomy for the treatment of cervical degenerative myelopathy. American

Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008133

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24480>

8

ID: 391

AU: =AHRQ Agency for HR

TI : Indications for anterior cervical decompression for the treatment of cervical degenerative radiculopathy. American Association of Neurological Surgeons. Congress of Neurological Surgeons.

NGC:008137

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24484>

9

ID: 392

AU: =AHRQ Agency for HR

TI : Anterior cervical surgery for the treatment of cervical degenerative myelopathy. American

Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008136

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24483>

10

ID: 393

AU: =AHRQ Agency for HR

TI : Functional outcomes assessment for cervical degenerative disease. American Association of

Neurological Surgeons. Congress of Neurological Surgeons. NGC:008143

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24490>

11

ID: 394

AU: =AHRQ Agency for HR

TI : Laminectomy and fusion for the treatment of cervical degenerative myelopathy. American

Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008134

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24481>

12

ID: 396

AU: =AHRQ Agency for HR

TI : Electrophysiological monitoring during surgery for cervical degenerative myelopathy and

radiculopathy. American Association of Neurological Surgeons. Congress of Neurological Surgeons.

NGC:008144

YR : 2009

LN: <http://www.guideline.gov/content.aspx?id=24491>

13

ID: 399

AU: =AHRQ Agency for HR  
TI : Techniques for anterior cervical decompression for radiculopathy. American Association of Neurological Surgeons. Congress of Neurological Surgeons. NGC:008138  
YR : 2009  
LN: <http://www.guideline.gov/content.aspx?id=24485>

14  
ID: 384  
AU: =AHRQ Agency for HR  
TI : Neck pain: clinical practice guidelines linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section of the American Physical Therapy Association. The Orthopaedic Section of the American Physical Therapy Association (APTA), Inc. NGC:007273  
YR : 2008  
LN: [http://guidelines.gov/summary/summary.aspx?doc\\_id=14703&nbr=7273](http://guidelines.gov/summary/summary.aspx?doc_id=14703&nbr=7273)

15  
ID: 385  
AU: =HTA-DoH HTA Unit, Ministry,of Health  
TI : Khan kinetic treatment\u2122 (KKT) (Technology Review)  
YR : 2008  
LN: <http://www.moh.gov.my/attachments/1661>

16  
ID: 383  
AU: =HTA-DoH HTA Unit, Ministry,of Health  
TI : Documentation base care (DBC) for chronic neck and back pain (Technology Review)  
YR : 2006  
LN: <http://www.moh.gov.my/attachments/1633>

**NICE (UK)****Total hits: 0**

Afgænset til søgning i:

NICE Guidelines og Medical Technologies

Søgeord	Hits	Noter
Radiculopathy	0	
Radicular	0	
Radiculitis	0	
Poly-radiculopathy	0	
Polyradiculopathy	0	
Mono-radiculopathy	0	
Monoradiculopathy	0	
Cervical	0	
Neck pain	0	
Neck ache	0	
Neckache	0	
Disc	0	
Disk	0	
Nerve root	0	
Nerve roots	0	
Degeneration	0	
Prolapse	0	

**National Guideline Clearinghouse (USA)  
2004-2014  
Total hits: 33**

<b>Søgeord</b>	<b>Hits</b>	<b>Noter</b>
("neck pain*" or "cervical pain*" or "neck ache*" or "neckache*") and ("radicul*" or "nerve root*" or "disk*" or "disc" )	32	6 dubletter
("neck pain*" or "cervical pain*" or "neck ache*" or "neckache*") and ("polyradicul*" or "polyradicul*" or "monoradicul*" or "mono-radicul*")	0	
("neck pain*" or "cervical pain*" or "neck ache*" or "neckache*") and ("prolapse*" or "degenerati*")	17	7 nye

Der kan kun skrives et begrænset antal karakterer i søgefeltet.

Søgningen er derfor foretaget i flere trin. Dubletter er sorteret fra ved sammenligning af de 2 søgninger.

Ingen frasortering af tilsyneladende irrelevante referencer.



## Scottish Intercollegiate Guidelines Network (SIGN)

Total hits: 0

Listen af guidelines er gennemset og ved hjælp af browsers søgefunktion udelukkes, at der er guidelines på emnet.

## HTA Databasen (CRD database)

2004-2014

Total hits: 22

1	(cervical* or cervico* or neck*) IN HTA FROM 2004 TO 2014	225
2	(radiculopath* or polyradiculopath* or poly-radiculopath* or monoradiculopath* or mono-radiculopath* or radicular or radiculiti* or nerve root*) IN HTA FROM 2004 TO 2014	22
3	(intervertebral dis* or dis* hernia* or herniated dis* or slipped dis* or prolapsed dis* or dis* prolapse* or dis* hernia* or dis* degeneration* or dis* degradation*) IN HTA FROM 2004 TO 2014	69
4	#2 OR #3	83
5	#1 AND #4	22

**SBU, Sverige**  
**2004-2014**  
**Total hits: 1**

<b>Søgeord</b>	<b>Hits</b>	<b>Noter</b>
Radikulopati	0	
Radiculopati	0	
Nacksmärta	1	
Nacksmärtor	0	
Cervikalt diskbräck	0	

Søgningen foretaget i Utvärderingar og Övriga publikationer

SBU. Laserbehandling vid nacksmärta. Stockholm: Statens beredning för medicinsk utvärdering (SBU); 2014. SBU Alert-rapport nr 2014-03. ISSN 1652-7151.  
<http://www.sbu.se>

**Socialstyrelsen, Sverige**  
**2004-2014**  
**Total hits: 2**

Søgeord	Hits	Noter
Radikulopati	0	
Radiculopati	0	
Nacksmärt*	3	1 ikke relevant (Tandvårdsriktlinjer)
Cervikalt diskbråck	3	3 ikke relevante - (Försäkringsmedicinskt beslutsstöd)

[Otillräcklig fysisk aktivitet hos vuxen med kronisk smärta](#)

Datum: 2011-11-10 Visa med sökorden markerade

Ladda ner sida Skriv ut Ladda ner sida RSS rss-flöde Tillstånd: Otillräcklig fysisk aktivitet hos vuxen med kronisk smärta Åtgärd: Fysisk träning inom hälso- och sjukvårdens ram - Brödtext Rekommendation 1 2 3 4 5 6 7 8 9 Detta är det valda alternativet: ...

Sökväg:

Start / Nationella riktlinjer för sjuk... / Sök i riktlinjerna / Otillräcklig fysisk aktivitet ...

Nyckelord

[Otillräcklig fysisk aktivitet hos vuxen med kronisk smärta](#)

Datum: 2011-11-10 Visa med sökorden markerade

Ladda ner sida Skriv ut Ladda ner sida RSS rss-flöde Tillstånd: Otillräcklig fysisk aktivitet hos vuxen med kronisk smärta Åtgärd: Kvalificerat rådgivande samtal - Brödtext Rekommendation 1 2 3 4 5 6 Detta är det valda alternativet: 7 8 9 10 Icke-göra ...

Sökväg:

Start / Nationella riktlinjer för sjuk... / Sök i riktlinjerna / Otillräcklig fysisk aktivitet ...

Nyckelord

**Helsedirektoratet, Norge**

**2004-2014**

**Total hits: 0**

Listen over Nasjonale faglige retningslinjer gjennomset (64 referencer).

Ingen relevante referencer ved søgning på de norske emneord:

Radikulopati  
Radiculopati  
Nakkeprolaps  
Skiveprolaps  
Nakkesmerte  
Nakkesmerter

**Kunnskapssenteret, Norge**  
**2004-2014**  
**Total hits: 1**

Gennemgået publikationer under de 2 emnegrupper: Medisinsk teknologi og Rehabilitering.  
Ingen nye relevante.

<b>Søgeord</b>	<b>Hits</b>	<b>Noter</b>
Radikulopati	<b>2</b>	<b>Ingen relevante</b>
Radiculopati	<b>2</b>	<b>Ingen nye</b>
Nakkeprolaps	<b>1</b>	<b>Ingen nye</b>
Skiveprolaps	<b>7</b>	<b>Ingen relevante</b>
Nakkesmerte	<b>3</b>	<b>1 ny og 2 ikke relevante</b>
Nakkesmerter	<b>19</b>	<b>(whiplash)</b> <b>Ingen relevante</b>

Kunnskapsoppsummering om manuelle behandlingsformer. Oslo: Nasjonalt kunnskapssenter for helsetjenesten, 2005.

[http://www.kunnskapssenteret.no/publikasjoner/\\_attachment/173984?\\_ts=14857142636&download=false](http://www.kunnskapssenteret.no/publikasjoner/_attachment/173984?_ts=14857142636&download=false)

**Helsebiblioteket, Norge**  
**2004-2014**  
**Total hits: 0**

Søgt i Retningslinjebasen. ("Her finner du norske retningslinjer, prosedyrer, behandlingsanbefalinger og veiledere for forebygging, diagnostikk, behandling og oppfølging")

Udvalgte emnegrupper set igennem for relevante norske retningslinjer: fysio-og ergoterapi, nevrologi, muskel- og skjelett.

**Medline**  
**2004-2014**  
**Total hits: 64**  
**Guideline-søgning 040714**

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	exp Cervical Vertebrae/	30354
2	exp Neck/ or exp Neck Pain/	26730
3	(cervical* or cervico* or neck*).ab,hw,kf,kw,sh,ti.	358057
4	1 or 2 or 3	358891
5	exp Radiculopathy/	3599
6	exp Polyradiculopathy/	2237
7	(radiculopath* or polyradiculopath* or poly-radiculopath* or monoradiculopath* or mono-radiculopath* or radicular or radiculiti* or nerve root).ab,hw,kf,kw,sh,ti.	13370
8	exp Intervertebral Disc Displacement/	15471
9	exp Intervertebral Disc Degeneration/	1462
10	(intervertebral dis* or dis* hernia* or herniated dis* or slipped dis* or prolapsed dis* or dis* prolapse* or dis* hernia* or dis* degeneration* or dis* degradation*).ab,hw,kf,kw,sh,ti.	29255
11	5 or 6 or 7 or 8 or 9 or 10	39592
12	4 and 11	7231
13	exp Guideline/	25423
14	exp Practice Guideline/	19255
15	(guideline* or practice guideline*).ab,hw,kf,kw,sh,ti.	281733
16	13 or 14 or 15	281733
17	12 and 16	97
18	limit 12 to (guideline or practice guideline)	14
19	17 or 18	97
20	limit 19 to (yr="2004 - 2014" and (danish or english or norwegian or swedish))	64

**Embase**  
**2004-2014**  
**Total hits: 185**

Database(s): Embase 1980 to 2014 Week 27

Search Strategy:

#	Searches	Results
1	exp cervical spine/	26519
2	exp neck pain/ or exp neck/	48909
3	(cervical* or cervico* or neck*).ti,sh,hw,ab,kw.	412664
4	1 or 2 or 3	412664
5	radiculopathy/	6900
6	(radiculopath* or polyradiculopath* or poly-radiculopath* or monoradiculopath* or mono-radiculopath* or radicular or radiculiti* or nerve root*).ti,sh,hw,ab,kw.	26311
7	exp intervertebral disk hernia/	17696
8	exp intervertebral disk degeneration/	5945
9	(intervertebral dis* or dis* hernia* or herniated dis* or slipped dis* or prolapsed dis* or dis* prolapse* or dis* hernia* or dis* degeneration* or dis* degradation*).ti,sh,hw,ab,kw.	38009
10	5 or 6 or 7 or 8 or 9	58412
11	4 and 10	11800
12	exp practice guideline/	314666
13	(guideline* or practice guideline*).ti,sh,hw,ab,kw.	408642
14	12 or 13	483695
15	11 and 14	255
16	limit 15 to ((danish or english or norwegian or swedish) and yr="2004 - 2014")	185

**Pedro**  
**2004-2014**  
**Total hits: 5**

<b>Søgeord</b>	<b>Hits</b>	<b>Noter</b>
Radicul*	2	
*radiculopathy	0	
*radiculopathies	0	
nerve root*	0	
disc*	4	3 nye
prolapse*	0	
degeneration	0	
degenerative	1	ingen nye

### **Advanced search**

**Body part: Head or Neck**

**Method: Practice guideline**

#### **Radicul\***

Bono CM, Ghiselli G, Gilbert TJ, Kreiner DS, Reitman C, Summers JT, Baisden JL, Easa J, Fernand R, Lamer T, Matz PG, Mazanec DJ, Resnick DK, Shaffer WO, Sharma AK, Timmons RB, Toton JF [North American Spine Society (NASS)]

An evidence-based clinical guideline for the diagnosis and treatment of cervical radiculopathy from degenerative disorders

The Spine Journal 2011 Jan;11(1):64-72

Practice guideline

This is a clinical practice guideline. Clinical practice guidelines are not rated.

Guzman J, Haldeman S, Carroll LJ, Carragee EJ, Hurwitz EL, Peloso P, Nordin M, Cassidy JD, Holm LW, Cote P, van der Velde G, Hogg-Johnson S [Bone and Joint Decade 2000 to 2010 Task Force on Neck Pain]

Clinical practice implications of the Bone and Joint Decade 2000 to 2010 Task Force on neck pain and its associated disorders: From concepts and findings to recommendations [with consumer summary]

Spine 2008 Feb 15;33(4 Suppl):S199-S213

Practice guideline

This is a clinical practice guideline. Clinical practice guidelines are not rated.

#### **Disc\***

Brosseau L, Wells GA, Tugwell P, Casimiro L, Novikov M, Loew L, Sredic D, Clement S, Gravelle A, Hua K, Kresic D, Lakic A, Menard G, Cote P, Leblanc G, Sonier M, Cloutier A, McEwan J, Poitras S, Furlan A, Gross A, Dryden T, Muckenheim R, Cote R, Pare V, Rouhani A, Leonard G, Finestone HM, Laferriere L, Dagenais S, de Angelis G, Cohoon C [Ottawa Panel]

Ottawa panel evidence-based clinical practice guidelines on therapeutic massage for neck pain

Journal of Bodywork and Movement Therapies 2012 Jul;16(3):300-325

practice guideline

This is a clinical practice guideline. Clinical practice guidelines are not rated.

Bhattacharyya N, Baugh RF, Orvidas L, Barrs D, Bronston LJ, Cass S, Chalian AA, Desmond AL, Earll JM, Fife TD, Fuller DC, Judge JO, Mann NR, Rosenfeld RM, Schuring LT, Steiner RWP, Whitney SL, Haidari J, American Academy of Otolaryngology-Head and Neck Surgery Foundation

Clinical practice guideline: benign paroxysmal positional vertigo

Otolaryngology -- Head and Neck Surgery 2008 Nov;139(5 Suppl 4):S47-S81

Practice guideline

This is a clinical practice guideline. Clinical practice guidelines are not rated.

Anderson-Peacock E, Blouin J-S, Bryans R, Furlan A, Marcoux H, Potter B, Ruegg R, Gross Stein J, White E [Canadian Chiropractic Association, Canadian Federation of Chiropractic Regulatory Boards]

Chiropractic clinical practice guideline: evidence-based treatment of adult neck pain not due to whiplash

Journal of the Canadian Chiropractic Association 2005 Sep;49(3):158-209

Practice guideline

This is a clinical practice guideline. Clinical practice guidelines are not rated.