

## Søgeprotokol for immobilisering af voksne traumepatienter

<b>Projekttitle</b>	Immobilisering af voksne traumepatienter
<b>Kontakt projektgruppe</b>	Christian Maschmann: E-mail <a href="mailto:c.maschmann@icloud.com">c.maschmann@icloud.com</a> Mette Wenøe : E-mail: <a href="mailto:mette.wenoe@regionh.dk">mette.wenoe@regionh.dk</a>
<b>Kontakt søgespecialist</b>	Conni Skrubbeltrang: E-mail <a href="mailto:cs@rn.dk">cs@rn.dk</a> Medicinsk Bibliotek, Aalborg Universitetshospital
<b>Senest opdateret</b>	23.10.2017

<b>Baggrund</b>	Igennem flere årtier har man haft den tradition at rutinemæssigt immobilisere traumepatienter på vej ind til hospitalerne med et spineboard og en stiv halskrave for at undgå eventuelle sekundære skader til patientens rygsøjle. Imidlertid er der kommet flere studier af høj kvalitet, der viser at evidensen for at denne behandling er til gavn for patienterne er meget lav. Derimod er der tilltagende antal af studier, der påpeger flere mulige negative bivirkninger af denne behandling. Det har resulteret i en vis usikkerhed om nuværende behandling, og der er blevet udarbejdet flere forskellige, mest udenlandske nye behandlingsanbefalinger, mens der dog fortsat mangler en national konsensus om behandlingen her i Danmark.
<b>Søgningen</b>	Da der forelå en nyere norsk retningslinje er der taget udgangspunkt i søgeprotokollen derfra
<b>Inklusions- og eksklusionskriterier</b>	<b>Sprog:</b> engelsk, dansk, norsk, svensk og tysk <b>Tidsperiode:</b> 2015- oktober 2017 <b>Publikationstyper:</b> der er <i>fravalgt</i> følgende publikationstyper: addresses or autobiography or bibliography or biography or classical article or clinical conference or comment or congresses or consensus development conference or consensus development conference, nih or "corrected and republished article" or dataset or dictionary or directory or duplicate publication or editorial or evaluation studies or festschrift or historical article or interactive tutorial or interview or lectures or legal cases or legislation or letter or news or newspaper article or patient education handout or periodical index or personal narratives or portraits or twin study or validation studies or video-audio media or webcasts)

### Informationskilder

Database	Udbyder	Resultat	Dato
Medline	Ovid	4996	19.10.2017
Embase	Ovid	4298	19.10.2017
Cochrane Trials	Wiley InterScience	577	19.10.2017
ClinicalTrials.Gov	Clinicaltrials.gov	35	19.10.2017
I alt		9906	
Efter dubletsøgning i Endnote		6512	
Efter indlæsning i Covidence		<b>6484</b>	

**Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present 19.10.2017**

1	exp Back Injuries/	23880
2	exp Multiple Trauma/	12799
3	exp neck injuries/	7876
4	exp Spinal Cord Injuries/	45870
5	Spinal Cord Compression/	11196
6	Trauma, Nervous System/	1273
7	((Spinal or spine or myelopath* or neck or cervix or cervical or brain or back or Whiplash or vertebra* or axis or dens or epistropheus or odontoid or atlant* or atlas or compressi*) adj2 (injur* or trauma* or fracture* or wound* or Polytrauma or transection* or laceration* or Post-Traumatic or "Post Traumatic" or contusion* or compressi* or dislocat* or displacement* or subluxation* or luxation*)) or (Conus adj Medullaris adj Syndrome*).tw.	255392
8	or/1-7	292910
9	exp Orthotic Devices/	12523
10	Splints/	8627
11	Stretchers/	100
12	((vacuum adj4 splint*) or Immobili* or precaution* or stabili* or stable or collar* or board* or backboard* or "back board*" or orthotic or orthos* or brace* or restraint* or "vacuum mattress*" or splint* or "sand bag*" or MILS or "manual in-line stabilization" or "manual in-line stabilisation" or tape* or taping or strap* or packag* or stretcher* or gurney* or "head block*" or headblock* or fixat* or extricat*).tw.	1442343
13	or/9-12	1450859
14	8 and 13	34368
15	limit 14 to (yr="2015 -Current" and (danish or english or german or norwegian or swedish))	6071
16	limit 15 to (addresses or autobiography or bibliography or biography or classical article or clinical conference or comment or congresses or consensus development conference or consensus development conference, nih or "corrected and republished article" or dataset or dictionary or directory or duplicate publication or editorial or evaluation studies or festschrift or historical article or interactive tutorial or interview or lectures or legal cases or legislation or letter or news or newspaper article or patient education handout or periodical index or personal narratives or portraits or twin study or validation studies or video-audio media or webcasts)	204
17	15 not 16	5867
18	exp animals/	22501594
19	Humans/	17822099
20	18 not 19	4679495
21	17 not 20	5547
22	remove duplicates from 21	4996

**Embase 1974 to 2017 October 18 19.10.2017**

1	exp spine injury/	40330
2	((Spinal or spine or myelopath* or neck or cervix or cervical or brain or back or Whiplash or vertebra* or axis or dens or epistropheus or odontoid or atlant* or atlas or compressi*) adj2 (injur* or trauma* or fracture* or wound* or Polytrauma or transection* or laceration* or "Post Traumatic" or contusion* or compressi* or dislocat* or displacement* or subluxation* or luxation*)) or (Conus adj Medullaris adj Syndrome*).tw.	315339
3	1 or 2	331106
4	exp immobilization/	65486
5	exp cervical collar/	858
6	spine board/	60
7	spine stabilization/	7160
8	exp splint/	8501
9	stretcher/	319
10	((vacuum adj4 splint*) or Immobili* or precaution* or stabili* or stable or collar* or board* or backboard* or "back board*" or orthotic or orthos* or brace* or restraint* or "vacuum mattress*" or splint* or "sand bag*" or MILS or "manual in-line stabilization" or "manual in-line stabilisation" or tape* or taping or strap* or packag* or stretcher* or gurney* or "head block*" or headblock* or fixat* or extricat*).tw.	1664903
11	or/4-10	1687108
12	3 and 11	41572
13	limit 12 to ((danish or english or german or norwegian or swedish) and yr="2015 - Current")	8020
14	limit 13 to (addresses or autobiography or bibliography or biography or clinical conference or comment or congresses or consensus development conference or consensus development conference, nih or "corrected and republished article" or dataset or dictionary or directory or duplicate publication or editorial or evaluation studies or festschrift or historical article or in vitro or interactive tutorial or interview or lectures or legal cases or legislation or letter or news or newspaper article or patient education handout or periodical index or portraits or twin study or validation studies or video-audio media or webcasts or book or book series or conference abstract or conference paper or conference proceeding or "conference review" or note or report or short survey or trade journal) [Limit not valid in Embase; records were retained]	2592
15	13 not 14	5428
16	15 not ((exp animal/ or nonhuman/) not exp human/)	4862
17	remove duplicates from 16	4298

#1	(Spinal or spine or myelopath* or neck or cervix or cervical or brain or back or Whiplash or vertebra* or axis or dens or epistropheus or odontoid or atlant* or atlas or compressi*) near/2 (injur* or trauma* or fracture* or wound* or Polytrauma or transection* or laceration* or Post-Traumatic or "Post Traumatic" or contusion* or compressi* or dislocat* or displacement* or subluxation* or luxation*) or (Conus next Medullaris next Syndrome*):ti,ab,kw (Word variations have been searched)	15403
#2	MeSH descriptor: [Back Injuries] explode all trees	889
#3	MeSH descriptor: [Spinal Injuries] explode all trees	835
#4	MeSH descriptor: [Spinal Fractures] explode all trees	742
#5	MeSH descriptor: [Multiple Trauma] explode all trees	214
#6	MeSH descriptor: [Neck Injuries] explode all trees	239
#7	MeSH descriptor: [Whiplash Injuries] explode all trees	202
#8	MeSH descriptor: [Spinal Cord Injuries] explode all trees	1115
#9	MeSH descriptor: [Central Cord Syndrome] explode all trees	0
#10	MeSH descriptor: [Spinal Cord Compression] explode all trees	116
#11	MeSH descriptor: [Trauma, Nervous System] this term only	24
#12	MeSH descriptor: [Spinal Cord Compression] explode all trees	116
#13	#2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12	2451
#14	#1 or #13	15615
#15	(Immobili* or precaution* or stabili* or stable or collar* or board* or backboard* or "back board*" or back-board* or extrication or hypokine* or orthotic or orthos* or brace* or restraint* or "vacuum mattress*" or splint* or "sand bag*" or MILS or " manual in-line stabilization" or "manual in-line stabilisation" or tape* or taping or strap* or packag* or stretcher* or litter* or trolley* or gurney* or BNDR or fixation):ti,ab,kw (Word variations have been searched)	69599
#16	MeSH descriptor: [Immobilization] explode all trees	743
#17	MeSH descriptor: [Restraint, Physical] explode all trees	261
#18	MeSH descriptor: [Braces] explode all trees	405
#19	MeSH descriptor: [Splints] explode all trees	428
#20	MeSH descriptor: [Stretchers] explode all trees	6
#21	(Stif-neck or stiff-neck or "Stiff Neck" or x-collar or scoop or Kendrick or combicarrier* or skidboard or LBB or SAM or perfit or ACE og Redi-ACE*):ti,ab,kw (Word variations have been searched)	298
#22	#15 or #16 or #17 or #18 or #19 or #20 or #21	69870
#23	#14 and #22 Publication Year from 2015 to 2017, in Trials	577

**Clinicaltrials.gov**

23.10.17

Søgestreng:

immobilisation OR immobilization OR mobilization OR mobilisation OR mattress OR board OR brace OR collar OR backboard | Spinal Cord Injuries OR head injuries OR back injuries OR multiple trauma OR neck injuries | Adult, Senior | First posted from 01/01/2015 to 10/23/2017

35 poster.