

## Literature Search

### ACR Appropriateness Criteria® Suspected Spine Trauma - Child

Literature Search Performed on: 2/11/2015

Beginning date: October 1998

End date: January 2015

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily, Ovid MEDLINE(R) and Ovid OLDMEDLINE(R) <1946 to Present>

Search Strategy:

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- 1 Spine/ (23407)
  - 2 Cervical Vertebrae/ (27635)
  - 3 Thoracic Vertebrae/ (16079)
  - 4 Lumbar Vertebrae/ (39485)
  - 5 craniocervical.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] (1722)
  - 6 thoracolumbar.mp. (5899)
  - 7 Lumbosacral Region/ (9308)
  - 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (105854)
  - 9 Accidents/ (13427)
  - 10 subluxation.mp. (8044)
  - 11 Hemorrhage/ (55685)
  - 12 Whiplash Injuries/ (2803)
  - 13 Vascular System Injuries/ (944)
  - 14 Child Abuse/ (17558)
  - 15 9 or 10 or 11 or 12 or 13 or 14 (97987)
  - 16 8 and 15 (1964)
  - 17 \*Spinal Cord Compression/ (6223)
  - 18 \*Spinal Injuries/ (5508)
  - 19 \*Spinal Fractures/ (8019)
  - 20 \*Spinal Cord Injuries/ (24445)
  - 21 Central Cord Syndrome/ (65)
  - 22 16 or 17 or 18 or 19 or 20 or 21 (44397)
  - 23 (PECARN or pediatric emergency care applied research network).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] (82)
  - 24 22 and 23 (4)
  - 25 exp diagnostic imaging/ (1762187)
  - 26 22 and 25 (8594)
  - 27 \*Spinal Cord Compression/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (203)
  - 28 \*Spinal Injuries/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (534)
  - 29 \*Spinal Fractures/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (923)
  - 30 \*Spinal Cord Injuries/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (294)
  - 31 Central Cord Syndrome/ra [Radiography] (5)
  - 32 24 or 26 or 27 or 28 or 29 or 30 or 31 (9274)
  - 33 limit 32 to (guideline or meta analysis or practice guideline) (39)
  - 34 limit 32 to "all child (0 to 18 years)" (2044)
  - 35 33 or 34 (2077)
  - 36 limit 35 to (abstracts and english language and humans and yr="2004 -Current") (705)
  - 37 limit 36 to case reports (228)
  - 38 36 not 37 (477)

- 39 selective cervical spine radiography in blunt trauma methodology of the National Emergency X-Radiography Utilization Study.m\_titl. (1)
- 40 find similar to Selective cervical spine radiography in blunt trauma: methodology of the National Emergency X-Radiography Utilization Study (NEXUS). (39)
- 41 limit 40 to english language (39)
- 42 38 or 39 or 41 (513)
- 43 remove duplicates from 42 (510)

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Literature Search Performed on: 03/01/2016  
 Beginning date: February 2015  
 End date: February 2016

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>  
 Search Strategy:

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- 1 Spine/ (26214)
  - 2 Cervical Vertebrae/ (29526)
  - 3 Spine/ (26214)
  - 4 Cervical Vertebrae/ (29526)
  - 5 Thoracic Vertebrae/ (16974)
  - 6 Lumbar Vertebrae/ (42269)
  - 7 craniocervical.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] (1885)
  - 8 thoracolumbar.mp. (6411)
  - 9 Lumbosacral Region/ (10372)
  - 10 3 or 4 or 5 or 6 or 7 or 8 or 9 (113783)
  - 11 Accidents/ (18568)
  - 12 subluxation.mp. (8502)
  - 13 Hemorrhage/ (62470)
  - 14 Whiplash Injuries/ (2948)
  - 15 Vascular System Injuries/ (1510)
  - 16 Child Abuse/ (18533)
  - 17 11 or 12 or 13 or 14 or 15 or 16 (111950)
  - 18 10 and 17 (2142)
  - 19 \*Spinal Cord Compression/ (6520)
  - 20 \*Spinal Injuries/ (5731)
  - 21 \*Spinal Fractures/ (9182)
  - 22 \*Spinal Cord Injuries/ (25942)
  - 23 Central Cord Syndrome/ (77)
  - 24 18 or 19 or 20 or 21 or 22 or 23 (47552)
  - 25 (PECARN or pediatric emergency care applied research network).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] (98)
  - 26 24 and 25 (8)
  - 27 exp diagnostic imaging/ (1865334)
  - 28 24 and 27 (9060)
  - 29 \*Spinal Cord Compression/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (212)
  - 30 \*Spinal Injuries/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (555)
  - 31 \*Spinal Fractures/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (975)
  - 32 \*Spinal Cord Injuries/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (305)

- 33 Central Cord Syndrome/ra [Radiography] (6)
- 34 26 or 28 or 29 or 30 or 31 or 32 or 33 (9785)
- 35 limit 34 to (guideline or meta analysis or practice guideline) (43)
- 36 limit 34 to "all child (0 to 18 years)" (2137)
- 37 35 or 36 (2173)
- 38 limit 37 to (abstracts and english language and humans and yr="2015 -Current") (50)
- 39 limit 38 to case reports (10)
- 40 38 not 39 (40)
- 41 remove duplicates from 40 (38)

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Literature Search Performed on: 11/01/2017  
 Beginning date: March 2016  
 End date: October 2017

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>  
 Search Strategy:

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- 1 Spine/ (27666)
  - 2 Cervical Vertebrae/ (31656)
  - 3 Thoracic Vertebrae/ (18255)
  - 4 Lumbar Vertebrae/ (45862)
  - 5 craniocervical.mp. (2113)
  - 6 thoracolumbar.mp. (7341)
  - 7 Lumbosacral Region/ (11090)
  - 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (122591)
  - 9 Accidents/ (19147)
  - 10 subluxation.mp. (9335)
  - 11 Hemorrhage/ (66437)
  - 12 Whiplash Injuries/ (3109)
  - 13 Vascular System Injuries/ (1922)
  - 14 Child Abuse/ (20044)
  - 15 9 or 10 or 11 or 12 or 13 or 14 (119381)
  - 16 8 and 15 (2267)
  - 17 \*Spinal Cord Compression/ (6882)
  - 18 \*Spinal Injuries/ (5969)
  - 19 \*Spinal Fractures/ (10102)
  - 20 \*Spinal Cord Injuries/ (28057)
  - 21 Central Cord Syndrome/ (87)
  - 22 16 or 17 or 18 or 19 or 20 or 21 (51227)
  - 23 (pecarn or pediatric emergency care applied research network).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, synonyms] (132)
  - 24 22 and 23 (9)
  - 25 exp Diagnostic Imaging/ (2396509)
  - 26 22 and 25 (13693)
  - 27 24 or 26 (13698)
  - 28 limit 27 to "all child (0 to 18 years)" (3157)
  - 29 limit 27 to (guideline or meta analysis or practice guideline) (55)
  - 30 28 or 29 (3204)
  - 31 limit 30 to (abstracts and english language and humans and yr="2016 -Current") (95)
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## Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	643	88
Author Added	8	8
Supporting Docs	4	4
Total		100

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.