

## Literature Search

### ACR Appropriateness Criteria® Back Pain-Child

Literature Search Performed on: 1/28/2016

Beginning date: January 2015

End date: December 2015

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 Low Back Pain/ or Back Pain/ (31132)
  - 2 Neurologic Manifestations/ (7342)
  - 3 Neurologic Examination/ (24951)
  - 4 Classification/ (9108)
  - 5 Blood Sedimentation/ (10782)
  - 6 C-Reactive Protein/ (34315)
  - 7 Blood Cell Count/ (19805)
  - 8 1 and (2 or 3 or 4 or 5 or 6 or 7) (334)
  - 9 Thoracic Vertebrae/ or Lumbar Vertebrae/ (51320)
  - 10 Fever/ (33682)
  - 11 Scoliosis/ (14758)
  - 12 Kyphosis/ (5117)
  - 13 Cumulative Trauma Disorders/ (3731)
  - 14 Spondylolisthesis/ or Spondylolysis/ (4407)
  - 15 Musculoskeletal Pain/ (1393)
  - 16 radiculopathy/ or radicular pain.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] (5486)
  - 17 constant pain.mp. (278)
  - 18 night pain.mp. (345)
  - 19 Algorithms/ (193175)
  - 20 Neoplasms/ (350061)
  - 21 Infection/ (34735)
  - 22 Arthritis/ (33132)
  - 23 1 and (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) (7612)
  - 24 exp Diagnostic Imaging/ (1848454)
  - 25 23 and 24 (2262)
  - 26 Back Pain/ra, ri [Radiography, Radionuclide Imaging] (724)
  - 27 Low Back Pain/ra, ri [Radiography, Radionuclide Imaging] (728)
  - 28 8 or 25 or 26 or 27 (3593)
  - 29 limit 28 to (guideline or meta analysis or practice guideline) (12)
  - 30 limit 28 to "all child (0 to 18 years)" (654)
  - 31 29 or 30 (666)
  - 32 limit 31 to (abstracts and english language and humans and yr="2015 -Current") (10)
  - 33 limit 32 to case reports (3)
  - 34 32 not 33 (7)
  - 35 remove duplicates from 34 (7)
  - 36 Low Back Pain/ or Back Pain/ (31132)
  - 37 exp Diagnostic Imaging/ (1848454)
  - 38 exp Child/ (1636743)
  - 39 36 and 37 and 38 (269)
  - 40 limit 39 to (abstracts and english language and humans and yr="2015 -Current") (3)
  - 41 limit 40 to case reports (1)
  - 42 40 not 41 (2)

- 43 remove duplicates from 42 (2)
- 44 43 not 35 (1)
- 45 35 or 44 (8)

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**Notes:**

exp = explode (retrieves results using the selected term and all of its more specific terms)

\* = focus (limits search to those documents in which the subject heading is considered the major point of the article)

.mp = multi-purpose (retrieves results that have this keyword in several fields)

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Literature Search Performed on: 3/30/2015

Beginning date: January 2004

End date: February 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 Back Pain/ or Low Back Pain/ (29527)
  - 2 Neurologic Manifestations/ (7381)
  - 3 Neurologic Examination/ (24464)
  - 4 Classification/ (8936)
  - 5 Blood Sedimentation/ (10432)
  - 6 C-Reactive Protein/ (31918)
  - 7 Blood Cell Count/ (19392)
  - 8 1 and (2 or 3 or 4 or 5 or 6 or 7) (327)
  - 9 Lumbar Vertebrae/ or Thoracic Vertebrae/ (48756)
  - 10 Fever/ (31480)
  - 11 Scoliosis/ (14165)
  - 12 Kyphosis/ (4851)
  - 13 Cumulative Trauma Disorders/ (3611)
  - 14 Spondylolisthesis/ or Spondylolysis/ (4186)
  - 15 Musculoskeletal Pain/ (1029)
  - 16 Radiculopathy/ or radicular pain.mp. (5066)
  - 17 constant pain.mp. (267)
  - 18 night pain.mp. (339)
  - 19 Algorithms/ (181429)
  - 20 Neoplasms/ (310006)
  - 21 Infection/ (33712)
  - 22 Arthritis/ (24296)
  - 23 1 and (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) (7167)
  - 24 exp Diagnostic Imaging/ (1773763)
  - 25 23 and 24 (2165)
  - 26 Back Pain/ra, ri [Radiography, Radionuclide Imaging] (724)
  - 27 Low Back Pain/ra, ri [Radiography, Radionuclide Imaging] (711)
  - 28 8 or 25 or 26 or 27 (3474)
  - 29 limit 28 to (guideline or meta analysis or practice guideline) (12)
  - 30 limit 28 to "all child (0 to 18 years)" (637)
  - 31 29 or 30 (649)
  - 32 limit 31 to (abstracts and english language and humans and yr="2004 -Current") (253)
  - 33 limit 32 to case reports (55)
  - 34 32 not 33 (198)
  - 35 remove duplicates from 34 (195)
  - 36 Back Pain/ or Low Back Pain/ (29527)

37 exp Diagnostic Imaging/ (1773763)  
38 exp Child/ (1570540)  
39 36 and 37 and 38 (266)  
40 limit 39 to (abstracts and english language and humans and yr="2004 -Current") (109)  
41 limit 40 to case reports (32)  
42 40 not 41 (77)  
43 remove duplicates from 42 (75)  
44 43 not 35 (22)  
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**Literature Search Summary**

A literature search was conducted in March 2015 and updated in January 2016 to identify evidence for the *ACR Appropriateness Criteria® Back Pain-Child* topic. Using the search strategies described above, 225 articles were found. Thirty-nine articles were used in the topic. One hundred and eighty-six articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, or the results were unclear, misinterpreted, or biased.

The author added 5 citations from bibliographies, websites, or books that were not found in the literature search.