

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Acutely Limping Child Up To Age 5**

Literature Search Performed on: 4/6/2017  
 Beginning Date: January 2015  
 End Date: April 2017

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- 1 Femur/ (37264)
  - 2 Tibia/ (31375)
  - 3 Knee/ or Knee Joint/ (57481)
  - 4 Ankle/ or Ankle Joint/ (21156)
  - 5 Hip/ or Hip Joint/ (34293)
  - 6 Movement Disorders/ (14972)
  - 7 Gait/ (22798)
  - 8 Synovitis/ (6918)
  - 9 Arthritis, Infectious/ (9952)
  - 10 Osteomyelitis/ (19194)
  - 11 Pain/ (124497)
  - 12 1 or 2 or 3 or 4 or 5 (154443)
  - 13 7 or 8 or 9 or 10 (57338)
  - 14 11 and 12 and 13 (390)
  - 15 12 and 13 (10728)
  - 16 exp Diagnostic Imaging/ (2384289)
  - 17 (14 or 15) and 16 (2821)
  - 18 Movement Disorders/di [Diagnosis] (2324)
  - 19 8 or 9 or 10 or 18 (36939)
  - 20 12 and 19 (5525)
  - 21 17 or 20 (6303)
  - 22 limit 21 to (guideline or meta analysis or practice guideline) (5)
  - 23 limit 21 to "all child (0 to 18 years)" (2281)
  - 24 22 or 23 (2284)
  - 25 limit 24 to (abstracts and english language and humans and yr="2015 -Current") (61)
  - 26 limit 25 to case reports (15)
  - 27 25 not 26 (46)
  - 28 remove duplicates from 27 (44)

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Literature Search Performed on: 3/27/2015  
 Beginning Date: January 2010  
 End Date: February 2015

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- 1 Femur/ (31414)
  - 2 Tibia/ (27312)
  - 3 Knee/ or Knee Joint/ (49393)
  - 4 Ankle/ or Ankle Joint/ (17412)
  - 5 Hip/ or Hip Joint/ (30498)
  - 6 Movement Disorders/ (13872)
  - 7 Gait/ (18704)
  - 8 Synovitis/ (6287)
  - 9 Arthritis, Infectious/ (9119)
  - 10 Osteomyelitis/ (17692)
  - 11 Pain/ (110356)
  - 12 1 or 2 or 3 or 4 or 5 (133047)
  - 13 7 or 8 or 9 or 10 (50400)

14 11 and 12 and 13 (360)  
15 12 and 13 (9331)  
16 exp diagnostic imaging/ (1773639)  
17 (14 or 15) and 16 (1089)  
18 Movement Disorders/di, ra, ri, us [Diagnosis, Radiography, Radionuclide Imaging, Ultrasonography] (2354)  
19 Synovitis/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (873)  
20 Arthritis, Infectious/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (650)  
21 Osteomyelitis/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (2881)  
22 18 or 19 or 20 or 21 (6562)  
23 12 and 22 (904)  
24 17 or 23 (1774)  
25 limit 24 to (guideline or meta analysis or practice guideline) (2)  
26 limit 24 to "all child (0 to 18 years)" (698)  
27 25 or 26 (700)  
28 limit 27 to (abstracts and english language and humans and yr="2010 -Current") (74)  
29 limit 28 to case reports (32)  
30 28 not 29 (42)  
31 remove duplicates from 30 (42)

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### **Literature Search Summary**

Of the 75 citations in the original bibliography, 51 were retained in the final document.

A literature search was conducted in March 2015, and updated on April 2017 to identify additional evidence published since the *ACR Appropriateness Criteria® Acutely Limping Child Up To Age 5* topic was finalized. Using the search strategies described above, 86 unique articles were found. Nine articles were added to the bibliography. The remaining 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 or biased.

The author added 16 citations from bibliographies, websites, or books that were not found in the literature search, including 9 articles outside of the search date ranges.

Two citations are supporting documents that were added by staff.