

Literature Search

ACR Appropriateness Criteria® Imaging After Total Hip Arthroplasty

Literature Search Performed on: 5/6/2015

Beginning Date: January 2009

End Date: April 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 Prosthesis Failure/ or Prosthesis-Related Infections/ (29681)
 - 2 Bone Resorption/ (19672)
 - 3 *Hip Prosthesis/ or *Arthroplasty, Replacement, Hip/ (26210)
 - 4 exp Diagnostic Imaging/ (1787861)
 - 5 3 and (1 or 2) (8236)
 - 6 3 or 5 (26210)
 - 7 4 and 6 (2512)
 - 8 limit 7 to "all child (0 to 18 years)" (70)
 - 9 7 not 8 (2442)
 - 10 limit 9 to (abstracts and english language and humans and yr="2009 -Current") (756)
 - 11 limit 10 to case reports (73)
 - 12 10 not 11 (683)
 - 13 remove duplicates from 12 (668)

Literature Search Performed on: 7/28/2008

Beginning date: January 2005

End date: June 2008

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 Prosthesis Failure/ or Prosthesis-Related Infections/ (28266)
 - 2 Bone Resorption/ (19277)
 - 3 *Hip Prosthesis/ or *Arthroplasty, Replacement, Hip/ (25332)
 - 4 exp Diagnostic Imaging/ (1732685)
 - 5 3 and (1 or 2) (7970)
 - 6 3 or 5 (25332)
 - 7 6 and 4 (2401)
 - 8 limit 7 to (abstracts and humans and yr="2005 - 2008" and "all adult (19 plus years)") (246)
 - 9 limit 8 to case reports (35)
 - 10 8 not 9 (211)

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)

Literature Search Summary

Of the 51 citations in the original bibliography, 21 were retained in the final document. Articles were removed from the original bibliography if they were more than 10 years old and did not contribute to the evidence or they were no longer cited in the revised narrative text.

A new literature search was conducted in July 2008 and updated in May 2015 to identify additional evidence published since the *ACR Appropriateness Criteria® Imaging After Total Hip Arthroplasty* topic was finalized. Using the search strategies described above, 879 articles were found. Nine articles were added to the bibliography. Eight hundred seventy articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 138 citations from bibliographies, websites, or books that were not found in the new literature search.