

## Literature Search

### ACR Appropriateness Criteria® Stress (Fatigue/Insufficiency) Fracture, Including Sacrum, Excluding Other Vertebrae

Literature Search Performed on: 4/21/2016

Beginning date: January 1980

End date: March 2016

Database: 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 Fractures, Stress/ (2892)
  - 2 exp Diagnostic Imaging/ (1943845)
  - 3 stress.tw. (557774)
  - 4 Fracture.tw. (133441)
  - 5 1 and 4 (1743)
  - 6 1 and 3 (1980)
  - 7 5 or 6 (2373)
  - 8 2 and 7 (738)
  - 9 remove duplicates from 8 (723)
  - 10 limit 9 to yr="1980 - Current " (715)
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Literature Search Performed on: 5/8/2015

Beginning date: January 2013

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 Fractures, Stress/ (2568)
  - 2 exp diagnostic imaging/ (1794941)
  - 3 1 and 2 (810)
  - 4 Fractures, Stress/di, ra, ri, us [Diagnosis, Radiography, Radionuclide Imaging, Ultrasonography] (1511)
  - 5 3 or 4 (1638)
  - 6 limit 5 to "all child (0 to 18 years)" (466)
  - 7 5 not 6 (1172)
  - 8 limit 7 to (abstracts and english language and humans and yr="2013 -Current") (81)
  - 9 limit 8 to case reports (40)
  - 10 8 not 9 (41)
  - 11 remove duplicates from 10 (38)
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Literature Search Performed on: 8/7/2013

Beginning date: January 2010

End date: July 2013

Database: Ovid MEDLINE(R) without Revisions <1996 to July Week 4 2013>

Search Strategy:

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- 1 \*Fractures, Stress/ (1465)
  - 2 Diagnosis/ (2019)
  - 3 Radiography/ (3516)
  - 4 Tomography, X-Ray Computed/ (184208)
  - 5 Magnetic Resonance Imaging/ (219736)
  - 6 \*Fractures, Stress/di, ra [Diagnosis, Radiography] (464)

- 7 exp Diagnostic Imaging/ (964101)
- 8 2 or 3 or 4 or 5 or 7 (966004)
- 9 1 and 8 (507)
- 10 6 or 9 (704)
- 11 limit 10 to "all adult (19 plus years)" (458)
- 12 limit 10 to (guideline or meta analysis or practice guideline) (1)
- 13 11 or 12 (458)
- 14 limit 13 to (abstracts and english language and humans and yr="2010 -Current") (61)
- 15 limit 14 to case reports (32)
- 16 14 not 15 (29)

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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 Summary**

Of the 40 citations in the original bibliography, 22 were retained in the final document.

A new literature search was conducted in August 2013, May 2015, and April 2016 to identify additional evidence published since the *ACR Appropriateness Criteria® Stress (Fatigue/Insufficiency) Fracture, Including Sacrum, Excluding Other Vertebrae* topic was finalized. Using the search strategies described above, 782 articles were found. Forty-four 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, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 13 citations from bibliographies, websites, or books that were not found in the new literature search.

Four citations are supporting documents that were added by staff.