

Literature Search

ACR Appropriateness Criteria® Blunt Chest Trauma — Suspected Aortic Injury

Literature Search Performed on: 4/23/2014

Beginning Date: January 2009

End Date: March 2014

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 thoracic injuries/ or flail chest/ or heart injuries/ (15834)
 - 2 Aorta, Thoracic/ (27975)
 - 3 Wounds, Nonpenetrating/ (17698)
 - 4 (1 or 2) and 3 (3662)
 - 5 exp Diagnostic Imaging/ (1713807)
 - 6 4 and 5 (1228)
 - 7 limit 6 to "all child (0 to 18 years)" (333)
 - 8 6 not 7 (895)
 - 9 limit 8 to (abstracts and english language and humans and yr="2009 -Current") (137)
 - 10 limit 9 to case reports (66)
 - 11 9 not 10 (71)
 - 12 remove duplicates from 11 (70)

Notes:

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

Literature Search Summary

Of the 41 citations in the original bibliography, 31 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 April 2014 to identify additional evidence published since the *ACR Appropriateness Criteria® Blunt Chest Trauma — Suspected Aortic Injury* topic was finalized. Using the search strategy described above, 70 articles were found. Seven articles were added to the bibliography. Sixty-three 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 9 citations from bibliographies, websites, or books that were not found in the new literature search.