

## Literature Search

### ACR Appropriateness Criteria® Palpable Breast Masses

Literature Search Performed on: 09/01/2015  
Beginning Date: January 2010  
End Date: August 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 Breast Neoplasms/ (245006)
  - 2 Biopsy/ (153512)
  - 3 Ultrasonography, Mammary/ (4275)
  - 4 1 and 2 and 3 (378)
  - 5 Mammography/ (26430)
  - 6 1 and 2 and 5 (1773)
  - 7 1 and 5 (20570)
  - 8 Breast Diseases/ (11625)
  - 9 3 and 8 (698)
  - 10 4 or 6 or 7 or 9 (21223)
  - 11 limit 10 to (abstracts and english language and humans and yr="2010 - 2016") (4153)
  - 12 limit 11 to case reports (192)
  - 13 11 not 12 (3961)
  - 14 remove duplicates from 13 (3717)

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Literature Search Performed on: 06/30/2015  
Beginning Date: January 2011  
End Date: June 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 breast cancer.mp. or \*Breast Neoplasms/ (247343)
  - 2 (palpable breast mass or palpable breast masses).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] (272)
  - 3 breast mass\*.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] (2432)
  - 4 \*Biopsy, Fine-Needle/ (2965)
  - 5 exp Diagnostic Imaging/ (1817904)
  - 6 Palpation/ or PALPABLE.mp. (20747)
  - 7 1 or 2 or 3 (248000)
  - 8 6 and 7 (4127)
  - 9 4 or 5 (1819653)
  - 10 8 and 9 (2145)
  - 11 limit 10 to "all child (0 to 18 years)" (132)
  - 12 10 not 11 (2013)
  - 13 limit 12 to (abstracts and english language and humans and yr="2011 -Current") (203)
  - 14 limit 13 to case reports (31)
  - 15 13 not 14 (172)
  - 16 remove duplicates from 15 (166)

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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 45 citations in the original bibliography, 40 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 June 2015 and updated in August 2016 to identify additional evidence published since the *ACR Appropriateness Criteria*<sup>®</sup> Palpable Breast Masses topic was finalized. Using the search strategy described above, 3883 articles were found. Twenty-eight 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 14 citations from bibliographies, websites, or books that were not found in the new literature search.

Five citations are supporting documents that were added by staff.