

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Ovarian Cancer Screening**

Literature Search Performed on: 6/16/2017

Beginning Date: January 2015

End Date: May 2017

Database: Ovid MEDLINE(R) 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 exp Ovarian Neoplasms/ (77078)
  - 2 BRCA1 Protein/ (4656)
  - 3 BRCA2 Protein/ (3300)
  - 4 CA-125 Antigen/ (4419)
  - 5 Biomarkers/ (216900)
  - 6 1 and (2 or 3 or 4 or 5) (4389)
  - 7 Screening.mp. or Mass Screening/ (496209)
  - 8 "Early Detection of Cancer"/ (17149)
  - 9 7 or 8 (501778)
  - 10 6 and 9 (688)
  - 11 exp Diagnostic Imaging/ (2410695)
  - 12 1 and 9 and 11 (568)
  - 13 exp Ovarian Neoplasms/dg [Diagnostic Imaging] (3317)
  - 14 9 and 13 (306)
  - 15 10 or 12 or 14 (1088)
  - 16 limit 15 to "all child (0 to 18 years)" (58)
  - 17 15 not 16 (1030)
  - 18 limit 17 to (abstracts and english language and humans and yr="2015 -Current") (105)
  - 19 limit 18 to case reports (2)
  - 20 18 not 19 (103)
  - 21 remove duplicates from 20 (84)

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Literature Search Performed on: 4/22/2015

Beginning Date: January 2011

End Date: March 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 exp Ovarian Neoplasms/ (66128)
  - 2 BRCA1 Protein/ (3867)
  - 3 BRCA2 Protein/ (2753)
  - 4 CA-125 Antigen/ (3685)
  - 5 Biological Markers/ (171425)
  - 6 1 and (2 or 3 or 4 or 5) (3685)
  - 7 screening.mp. or Mass Screening/ (407663)
  - 8 "Early Detection of Cancer"/ (9786)
  - 9 7 or 8 (410755)
  - 10 6 and 9 (590)
  - 11 exp diagnostic imaging/ (1786157)
  - 12 1 and 9 and 11 (318)
  - 13 exp Ovarian Neoplasms/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (2905)
  - 14 9 and 13 (272)
  - 15 10 or 12 or 14 (915)

- 16 limit 15 to "all child (0 to 18 years)" (45)
- 17 15 not 16 (870)
- 18 limit 17 to (abstracts and english language and humans and yr="2011 -Current") (175)
- 19 limit 18 to case reports (6)
- 20 18 not 19 (169)
- 21 remove duplicates from 20 (155)

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### **Literature Search Summary**

Of the 37 citations in the original bibliography, 24 were retained in the final document.

A literature search was conducted in April 2015 and updated on June 2017 to identify additional evidence published since the *ACR Appropriateness Criteria® Ovarian Cancer Screening* topic was finalized. Using the search strategy described above, 239 articles were found. 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, or the results were unclear or biased.

The author added 8 citations from bibliographies, websites, or books that were not found in the literature search, including 5 articles outside of the search date range.

One citation is a supporting document that was added by staff.