

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Radiologic Management of Central Venous Access**

Literature Search Performed on: 6/22/2017

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 \*Catheterization, Central Venous/ (10990)
  - 2 \*Hemophilia A/ (15941)
  - 3 \*Immunosuppression/ (10417)
  - 4 \*Kidney Diseases/ (58733)
  - 5 \*Renal Insufficiency/ (9190)
  - 6 \*Renal Dialysis/ (57801)
  - 7 \*Bacteremia/ (16046)
  - 8 \*Thrombosis/ (44140)
  - 9 \*Neoplasms/ (316019)
  - 10 \*Reference Standards/ (3247)
  - 11 \*Mortality/ (19714)
  - 12 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 (544533)
  - 13 1 and 12 (2654)
  - 14 limit 13 to "all child (0 to 18 years)" (717)
  - 15 13 not 14 (1937)
  - 16 limit 15 to (abstracts and english language and humans and yr="2015 -Current") (132)
  - 17 limit 16 to case reports (21)
  - 18 16 not 17 (111)
  - 19 remove duplicates from 18 (98)

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Literature Search Performed on: 6/9/2015

Beginning date: January 2005

End date: May 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 \*Catheterization, Central Venous/ (9906)
  - 2 \*Hemophilia A/ (14525)
  - 3 \*Immunosuppression/ (9828)
  - 4 \*Kidney Diseases/ (52521)
  - 5 \*Renal Insufficiency/ (6770)
  - 6 \*Renal Dialysis/ (52523)
  - 7 \*Bacteremia/ (13690)
  - 8 \*Thrombosis/ (37118)
  - 9 \*Neoplasms/ (256044)
  - 10 \*Reference Standards/ (1736)
  - 11 \*Mortality/ (18075)
  - 12 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 (457618)
  - 13 1 and 12 (2441)
  - 14 limit 13 to "all child (0 to 18 years)" (663)
  - 15 13 not 14 (1778)
  - 16 limit 15 to (abstracts and english language and humans and yr="2005 -Current") (675)
  - 17 limit 16 to case reports (125)

18 16 not 17 (550)  
19 remove duplicates from 18 (514)

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### **Literature Search Summary**

A literature search was conducted in June 2015 and updated in June 2017 to identify evidence for the *ACR Appropriateness Criteria® Radiologic Management of Central Venous Access* topic. Using the search strategies described above, 612 articles were found. Twenty-five articles were used in the topic. 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 127 citations from bibliographies, websites, or books that were not found in the literature searches, including 72 articles outside of the search date ranges.