

## Literature Search

### ACR Appropriateness Criteria® Hemospermia

Literature Search Performed on: 4/28/2015

Beginning Date: January 2010

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 Hemospermia/ (83)
  - 2 Ejaculation/ and Pain/ (62)
  - 3 Azoospermia/ (1177)
  - 4 hypospermia.mp. (67)
  - 5 hemospermia.mp. (188)
  - 6 Ejaculation/ and Seminal Vesicles/ (162)
  - 7 1 or 2 or 3 or 4 or 5 or 6 (1695)
  - 8 exp diagnostic imaging/ (1787068)
  - 9 7 and 8 (125)
  - 10 Hemospermia/ra, us, di [Radiography, Ultrasonography, Diagnosis] (38)
  - 11 9 or 10 (150)
  - 12 limit 11 to (abstracts and english language and humans and yr="2010 -Current") (40)
  - 13 limit 12 to case reports (14)
  - 14 12 not 13 (26)
  - 15 remove duplicates from 14 (26)

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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 54 citations in the original bibliography, 19 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 2015* to identify additional evidence published since the *ACR Appropriateness Criteria® Hemospermia* topic was finalized. Using the search strategy described above, 26 articles were found. Eight articles were added to the bibliography. Eighteen 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 2 citations from bibliographies, websites, or books that were not found in the new literature search.