**Literature Search**

**ACR Appropriateness Criteria®**

**Acute Onset of Scrotal Pain-Without Trauma, Without Antecedent Mass**

Literature Search Performed on: 03/13/2018  
Beginning Date: January 1998  
End Date: February 2018

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**

1. Scrotum/dg (989)  
2. Spermatic Cord Torsion/di, dg (1233)  
3. Testicular Diseases/di, dg (1529)  
4. Torsion Abnormality/ and testis/ (55)  
5. Genital Diseases, Male/di, dg (2024)  
6. 1 or 2 or 3 or 4 or 5 (5029)  
7. (acute scrotum or torsion).tw. (19503)  
8. 6 and 7 (1264)  
9. limit 8 to (abstracts and english language and humans and yr="1998-Current") (385)  
10. limit 9 to case reports (125)  
11. 9 not 10 (260)  
12. exp diagnostic imaging/ and 11 (167)  
13. remove duplicates from 12 (167)  
14. Epididymis/ (13066)  
15. Spermatic Cord Torsion/ (2390)  
16. scrotal pain.mp. (625)  
17. testicular torsion.mp. (1788)  
18. Epididymitis/ (2283)  
19. testicular infarction*.mp. (173)  
20. Testis/ and Infarction/ (225)  
21. Scrotum/ (8319)  
22. 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 (25400)  
23. pain.mp. and 22 (1367)  
24. exp diagnostic imaging/ and 23 (425)  
25. acute scrotum.mp. (537)  
26. 24 or 25 (884)  
27. limit 26 to (abstracts and english language and humans and yr="2013 -Current") (93)  
28. limit 27 to case reports (42)  
29. 27 not 28 (51)  
30. remove duplicates from 29 (51)  
31. 13 or 30 (193)

**Summary**

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References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or
biased results.