**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.