

Literature Search
ACR Appropriateness Criteria®
Acute Onset of Scrotal Pain-Without Trauma, Without
Antecedent Mass

Literature Search Performed on: 11/29/2023

Beginning Date: January 2010

End Date: October 2023

Database: Ovid MEDLINE(R) ALL <1946 to November 28, 2023>

Search Strategy

1 Spermatic Cord Torsion/ or Epididymitis/ or Orchitis/ (6445)

2 ((scrot* or paratesticular or testicular or testis or intratesticular) and (Imaging or sonography or CEUS or ultrasound or MRI or radiolog* or radiograph* or CT or doppler or nuclear medicine or scintigraphy or tomography or magnetic resonance)).ti. (1817)

3 1 or 2 (7943)

4 limit 3 to yr="2010 -Current" (2384)

5 limit 4 to animals (591)

6 4 not 5 not (animal or animals or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey or monkeys or mice or mouse or murine or pig or piglet* or pigs or porcine or primate* or rabbit* or rat or rats or rodent* or sheep* or swine or horse* or stallion* or chick*3 or veterinar* or rooster* or snake* or theriogenolog*).ti,so. (1784)

7 limit 6 to case reports (558)

8 7 and Systematic Review.ti. (3)

9 (6 not 7) or 8 (1229)

Literature Search Performed on: 05/22/2023

Beginning Date: January 2017

End Date: April 2023

Database: Ovid MEDLINE(R) ALL <1946 to May 18, 2023>

Search Strategy

1 (scrot* or testic*).ti. (39706)

2 scrotum/ or testis/ (80206)

3 1 or 2 (98531)

4 machine learning/ (32442)

5 3 and 4 (12)

6 exp Ultrasonography/ and (Elasticity Imaging Techniques/ or contrast media/) (24890)

7 3 and 6 (156)

8 (elastography or contrast-enhanced ultrasound or contrast enhanced ultrasound or CEUS or multiparametric ultrasound or radiomics).af. (27151)

9 3 and 8 (196)

10 5 or 7 or 9 (253)

11 limit 10 to yr="2017 -Current" (135)

12 limit 11 to abstracts (130)

13 limit 12 to animals (7)

14 12 not 13 (123)

15 limit 14 to case reports (17)

16 14 not 15 (106)

Literature Search Performed on: 01/03/2023

Beginning Date: January 2017

End Date: December 2022

Database: Ovid MEDLINE(R) ALL <1946 to October 18, 2022>

Search Strategy

Literature Search
ACR Appropriateness Criteria®
Acute Onset of Scrotal Pain-Without Trauma, Without
Antecedent Mass

- 1 (testic* adj2 torsion).tw. (2382)
- 2 (Epididymitis or orchitis or acute scrotum).tw. (4760)
- 3 (imaging or CT or ultrasound or MRI or doppler or nuclear medicine or scintigraphy or tomography or magnetic, elastograph*).tw. (1846552)
- 4 3 and (1 or 2) (1277)
- 5 limit 4 to (abstracts and english language and yr="2020 -Current") (195)
- 6 (Acute pain/ or acute disease/ or Torsion Abnormality/ or Genital Diseases, Male/ or edema/) and (testis/ or scrotum/ or Epididymis/) (2887)
- 7 Spermatic Cord Torsion/ or ORCHITIS/ or Epididymitis/ (6310)
- 8 Testicular diseases/ (4962)
- 9 6 or 7 or 8 (12989)
- 10 (exp diagnostic imaging/ or dg.fs.) and 9 (2833)
- 11 limit 10 to (abstracts and english language and humans and yr="2017 -Current") (263)
- 12 5 or 11 (409)
- 13 limit 12 to case reports (173)
- 14 12 not 13 (236)
- 15 limit 14 to animals (11)
- 16 14 not 15 (225)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	42	19
Literature Search(es)	1343	32
Author Added	41	39
Supporting Docs	3	2
Total		92

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.