

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)
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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)
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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
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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.