Literature Search

ACR Appropriateness Criteria®

Myelopathy

Literature Search Performed on: 07/02/2025

Beginning Date: January 2020

End Date: June 2025

Database: Ovid MEDLINE(R) ALL <1946 to July 01, 2025>

Search Strategy

1 myelopathy.mp. or *Spinal Cord Diseases/ (25123)

2 (myelopathy or (spinal cord lesion and myelopathy)).mp. (17795)

3 Spinal Cord Diseases/di, ra, ri, us [Diagnosis, Radiography, Radionuclide Imaging, Ultrasonography] (3384)

4 1 or 2 or 3 (25576)

5 exp diagnostic imaging/ (3060042)

6 4 and 5 (8164)

7 (Spinal Cord/ and Spinal Cord Diseases/ and Diffusion Magnetic Resonance Imaging/) or (spinal chord diseases/ and neoplasms/) (37)

8 (Multiple Sclerosis/ and Neuromyelitis Optica/ and Brain/) or (Arachnoid/ and Syringomyelia/) (212)

9 (Spinal Diseases/ and Postoperative Complications/ and diagnosis/) or (Infarction/ and Arteriovenous Malformations/) (30)

10 (Ependymoma/ and Spinal Cord Neoplasms/ and Hemangioblastoma/) or ((Spinal Diseases/ or Spinal Cord Ischemia/) and neuroimaging/) (76)

11 (Central Nervous System Vascular Malformations/ and Spinal Cord/ and Thoracic Vertebrae/) or ((Spinal Cord/ or Aquaporin 4/) and (Neuromyelitis Optica/ and Multiple Sclerosis/)) (436)

12 (Spinal Cord Diseases/ and Thoracic Vertebrae/ and Thoracic Vertebrae/ and Myelography/) or (Autoimmune Diseases of the Nervous System/ and Encephalitis/) (451)

13 (Intervertebral Disc Displacement/ and myelopathy/ and Spinal Canal/) or (Spinal Muscular Atrophies of Childhood/ and Cervical Cord/) or Intramedullary Spinal Cord Tumors.tw. (345)

14 5 and (12 or 13) (219)

15 6 or 7 or 8 or 9 or 10 or 11 or 14 (8954)

16 limit 15 to (abstracts and english language and yr="2020 -Current") (1049)

17 16 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 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 veterinar* or (vitro not vivo)) not (human* or patient*)).ti,ab,kw. (996)

18 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report*" or comment* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol*" or "treatment protocol*")).ti,ab,kw. (5298038)

19 17 not 18 (702)

20 clinical protocols/ or Consensus/ or "Consensus Development Conference".pt. or "Consensus Development Conference, NIH".pt. or Consensus Development Conferences as Topic/ or Consensus Development Conferences, NIH as Topic/ or critical pathway/ or guidelines as topic/ or practice guidelines as topic/ or Health Planning Guidelines/ or practice guideline/ or (clinical adj3 pathway).ti,ab,kf. or (clinical adj3 pathways).ti,ab,kf. or (practice adj3 parameter).ti,ab,kf. or (practice adj3 parameters).ti,ab,kf. or algorithms/ or (care adj2 pathway).ti,ab,kf. or (care adj2 pathways).ti,ab,kf. or guidance.ti,ab. or guideline*.ti,ab. (1238196)

21 (1 or 2) and 20 (578)

22 limit 21 to (abstracts and english language and yr="2020 - 2025") (236)

23 22 not (17 or 18) (159)

24 19 or 23 (861)

Summary

Source	Excluded	Included in document	Included in Evidence Table
Old Bib	21	82	72
Lit Search 1,2,3...	841	15	5
Hand Search	NA	0	0
Author Added	NA	5	5
Guidance Documents	NA	9	5

Total	862	111	87

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.