Literature Search
ACR Appropriateness Criteria®
Myelopathy

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**Search Strategy**

1. (Spinal Cord/ and Spinal Cord Diseases/ and Diffusion Magnetic Resonance Imaging/) or (spinal chord diseases/ and neoplasms/) (32)
2. (Multiple Sclerosis/ and Neuromyelitis Optica/ and Brain/) or (Arachnoid/ and Syringomyelia/) (164)
3. (Spinal Diseases/ and Postoperative Complications/ and diagnosis/) or (Infarction/ and Arteriovenous Malformations/) (29)
4. (Ependymoma/ and Spinal Cord Neoplasms/ and Hemangioblastoma/) or ((Spinal Diseases/ or Spinal Cord Ischemia/) and neuroimaging/) (68)
5. (Central Nervous System Vascular Malformations/ and Spinal Cord/ and Thoracic Vertebrae/) or ((Spinal Cord/ or Aquaporin 4/) and (Neuromyelitis Optica/ and Multiple Sclerosis/)) (267)
6. (Spinal Cord Diseases/ and Thoracic Vertebrae/ and Thoracic Vertebrae/ and Myelography/) or (Autoimmune Diseases of the Nervous System/ and Encephalitis/) (175)
7. (Intervertebral Disc Displacement/ and myelopathy/ and Spinal Canal/) or (Spinal Muscular Atrophies of Childhood/ and Cervical Cord/) or Intramedullary Spinal Cord Tumors.tw. (264)
8. (6 or 7) and exp diagnostic imaging/ (172)
9. 1 or 2 or 3 or 4 or 5 or 8 (656)
10. limit 9 to (abstracts and english language and humans and yr="2010 - 2016") (186)
11. limit 10 to case reports (37)
12. 10 not 11 (149)
13. limit 12 to "all child (0 to 18 years)" (52)
14. 12 not 13 (97)

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Literature Search Performed on: 12/16/2019
Beginning Date: January 2010
End Date: November 2019
Database: Ovid MEDLINE(R) ALL <1946 to December 13, 2019>

**Search Strategy**

1. Multiple Sclerosis/ (50834)
2. limit 1 to (guideline or practice guideline) (86)
3. (magnetic resonance imaging in multiple sclerosis or MAGNIMS consensus guidelines or Multiple sclerosis - a review or MR imaging of multiple sclerosis).tw. (271)
4. 2 or 3 (352)
5. limit 4 to (abstracts and english language and yr="2010 -Current") (142)

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Literature Search Performed on: 08/22/2019
Beginning Date: January 2014
End Date: July 2019
Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to August 20, 2019>

**Search Strategy**

1. myelopathy.mp. or *Spinal Cord Diseases/ (19556)
2. Spinal Cord Disorders.tw. (181)
3. (spinal cord lesion and myelopathy).mp. (72)
4. exp diagnostic imaging/ (2551559)
5 (1 or 2 or 3) and 4 (6871)  
6 limit 5 to "all adult (19 plus years)" (5118)  
7 limit 5 to (guideline or meta analysis or practice guideline) (17)  
8 6 or 7 (5129)  
9 limit 8 to (abstracts and english language and humans and yr="2014 -Current") (784)  
10 limit 9 to case reports (295)  
11 9 not 10 (489)  
12 (A practical approach to the diagnosis of spinal cord lesions or (Spinal Cord Disorders and Myelopathy)).tw. (24)  
13 Imaging Approach to Myelopathy.tw. and Acute,Subacute.mp. and Chronic.tw. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1)  
14 11 or 12 or 13 (514)  
15 remove duplicates from 14 (514)  

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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.

3 of the author added references were outside the search date range.