Literature Search

ACR Appropriateness Criteria®

Myelopathy

Literature Search Performed on: 09/13/2020
Beginning Date: January 2010
End Date: August 2020
Database: Ovid MEDLINE(R) ALL <1946 to September 11, 2020>

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)

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)

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)

Summary

<table>
<thead>
<tr>
<th>Source</th>
<th>#Unique Refs</th>
<th>#Retained Refs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old bibliography</td>
<td>78</td>
<td>12</td>
</tr>
<tr>
<td>Literature Search(es)</td>
<td>707</td>
<td>59</td>
</tr>
<tr>
<td>Author Added</td>
<td>32</td>
<td>27</td>
</tr>
<tr>
<td>Supporting Docs</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>103</td>
</tr>
</tbody>
</table>

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.