Literature Search

ACR Appropriateness Criteria®

Demyelinating Diseases

Literature Search Performed on: 11/18/2024

Beginning Date: January 2014

End Date: October 2024

Database: Ovid MEDLINE(R) ALL <1946 to November 15, 2024>

Search Strategy

1 (Brain/ or brain stem.mp.) and Multiple Sclerosis/ and Spinal Cord/ (820)

2 (Demyelinating Diseases/ and Brain/ and Multiple Sclerosis/) or (Spinal cord/ and Optic Neuritis/ and Demyelinating Diseases/) (491)

3 1 or 2 (1231)

4 Neuroimaging/ or Magnetic Resonance Imaging/ or exp diagnostic imaging/ (3009488)

5 3 and 4 (676)

6 limit 5 to (abstracts and english language and yr="2014 -Current") (216)

7 6 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. (211)

8 exp *adolescent/ or exp *child/ or exp *infant/ or (infant disease* or childhood disease*).ti,kf. or (adolescen* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child* or girl? or infan* or juvenil* or kid? or minors or minors* or neonat* or neo-nat* or newborn* or new-born* or paediatric* or peadiatric* or pediatric* or perinat* or preschool* or puber* or pubescen* or school* or teen* or toddler? or underage? or under-age? or youth*).ti,kf. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).jn,jw. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).in. (3394785)

9 7 not 8 (190)

10 ("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. (5190200)

11 9 not 10 (176)

12 (demyelinating disease and anti-MOG antibodies).tw. or (Transverse myelitis in children.mp. and adults.tw.) or management of acute transverse myelitis.tw. or (MRI in patients and multiple sclerosis).tw. (110)

13 ((diagnostic criteria and optica spectrum disorders) or (Society guideline on diagnosis and demyelinating polyradiculoneuropathy)).tw. or (Guillain-Barre Syndrome*.tw. and Immunoglobulins, Intravenous/ and Pain/) (110)

14 Neuromyelitis Optica/ and Practice Guideline/ (4)

15 Optic Nerve/ and Brain stem/ and Magnetic Resonance Imaging/ (18)

16 Magnetic Resonance Imaging/ and Demyelinating Diseases/ and Encephalomyelitis, Acute Disseminated/ (51)

17 Magnetic Resonance Imaging/ and Spinal cord/ and Optic Neuritis/ (36)

18 12 or 13 or 14 or 15 or 16 or 17 (323)

19 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. (1177923)

20 3 and 19 (30)

21 18 or 20 (350)

22 limit 21 to english language (314)

23 11 or 22 (480)

Summary

Source	Excluded	Included in document	Included in Evidence Table
Old Bib	0	0	0
Lit Search 1,2,3...	451	28	20
Hand Search	NA	5	2
Author Added	NA	7	6

Guidance Documents	NA	1	1
Total	451	41	29

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.