Literature Search

ACR Appropriateness Criteria®

Seizures and Epilepsy

Literature Search Performed on: 09/18/2018

Beginning Date: January 2010

End Date: August 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) <1946 to September 17, 2018>

Search Strategy

1 (new onset seizure* or First seizure* or First time seizure* or Initial seizure* or acute asymptomatic seizure*).tw. (1955)

2 exp diagnostic imaging/ or (imaging or radiology).mp. (2779102)

3 1 and 2 (515)

4 limit 3 to (abstracts and english language and humans and yr="2010 -Current") (188)

5 limit 4 to "all child (0 to 18 years)" (105)

6 4 not 5 (83)

7 limit 6 to case reports (37)

8 6 not 7 (46)

Literature Search Performed on: 04/20/2018

Beginning Date: January 2010

End Date: March 2018

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy

1 exp Epilepsy/ (102816)

2 exp Diagnostic imaging/ (2420004)

3 Patient Selection/ (58839)

4 1 and 2 and 3 (102)

5 Functional neuroimaging/ and Magnetic Resonance Imaging/ and epilepsy/ (21)

6 Electroencephalography/ and neuroimaging/ (466)

7 1 and 2 and 6 (150)

8 1 and seizures/ (9546)

9 (Cerebral metabolism or interictal metabolism or convulsions or partial seizures).mp. or exp perfusion/ (82384)

10 (Ictal Spect or Interictal SPECT or subtraction ictal spect or HMPAO Spect or ECD Spect or interictal FDG PET or semiquantitative analysis or asymmetry index).mp. or Magnetoencephalography/ (11146)

11 8 and (9 or 10) (1596)

12 2 and 11 (226)

13 Brain/ and Brain neoplasm/ and Epilepsy/ and Neurosurgical Procedures/ (19)

14 2 and (Brain/ and Epilepsy/ and Image Enhancement/) (46)

15 4 or 5 or 7 or 12 or 13 or 14 (554)

16 limit 15 to (abstracts and english language and humans and yr="2010 -Current") (269)

17 (new onset seizure* or First seizure* or First time seizure* or Initial seizure* or acute asymptomatic seizure*).tw. (1908)

18 exp diagnostic imaging/ or (imaging or radiology).mp. (2712003)

19 17 and 18 (497)

20 limit 19 to (abstracts and english language and humans and yr="2010 -Current") (179)

21 limit 20 to "all child (0 to 18 years)" (99)

22 16 or 21 (366)

23 limit 22 to case reports (70)

24 22 not 23 (296)

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Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	60	7
Literature Search(es)	339	7
Author Added	49	45
Supporting Docs	1	1
Total		60

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.

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