Literature Search

ACR Appropriateness Criteria®

Cerebrovascular Diseases-Aneurysm, Vascular Malformation, and Subarachnoid Hemorrhage

Literature Search Performed on: 06/24/2019

Beginning Date: January 2010

End Date: May 2019

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to June 21, 2019>

Search Strategy

1 Intracranial Aneurysm/ and Polycystic Kidney, Autosomal Dominant/ (104)

2 exp Diagnostic Imaging/ (2535225)

3 1 and 2 (47)

4 *Intracranial Aneurysm/di, ep, th [Diagnosis, Epidemiology, Therapy] (5742)

5 3 or 4 (5765)

6 limit 5 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (1703)

7 limit 6 to case reports (508)

8 6 not 7 (1195)

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Search Strategy

1 Aneurysm, Ruptured/ and intracranial Aneurysm/ and Cerebral Angiography/ and Tomography, X-Ray Computed/ (531)

2 Intracranial Aneurysm/ and Subarachnoid Hemorrhage/ and Tomography, X-Ray Computed/ (1353)

3 (1 or 2) and exp diagnostic imaging/ (1599)

4 Aneurysm, Ruptured/ and intracranial Aneurysm/ and Subarachnoid Hemorrhage/ (1952)

5 1 or 3 or 4 (3103)

6 limit 5 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (719)

7 limit 6 to case reports (298)

8 6 not 7 (421)

9 (Autosomal dominant polycystic kidney disease and Intracranial Aneurysm).tw. (47)

10 (Unruptured Intracranial Aneurysms and Cost-effectiveness Analysis).tw. (10)

11 8 or 9 or 10 (477)

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Search Strategy

1 Brain Ischemia/ and subarachnoid hemorrhage/ and vasospasm, intracranial/ (302)

2 exp Diagnostic Imaging/ and Diagnosis, Differential/ and Cerebral Hemorrhage/di, th [Diagnosis, Therapy] (488)

3 seizures/ and Hydrocephalus/ (300)

4 Mesencephalon/ and subarachnoid hemorrhage/ (143)

5 *Intracranial Arteriovenous Malformations/co, di [Complications, Diagnosis] (1893)

6 *Cerebral Hemorrhage/di, et [Diagnosis, Etiology] (6032)

7 5 and 6 (199)

8 Cerebral Angiography/ and Subarachnoid Hemorrhage/ and Spinal Puncture/ and Tomography, X-Ray Computed/ (46)

9 1 or 2 or 3 or 4 or 7 (1420)

10 limit 9 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (217)

11 Cerebral Hemorrhage/ and American Heart Association/ (13)

12 8 or 10 or 11 (275)

13 limit 12 to case reports (71)

14 12 not 13 (204)

15 Subarachnoid Hemorrhage/ and Vasospasm, Intracranial/ and Seizures/ and Hydrocephalus/ (11)

16 14 or 15 (214)

17 remove duplicates from 16 (214)

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Search Strategy

1 Vasculitis, Central Nervous System/ (1026)

2 Vasospasm, Intracranial/ (3029)

3 Intracranial Arteriosclerosis/ (5923)

4 exp Diagnostic Imaging/ and Magnetic Resonance Angiography/ (22043)

5 (1 or 2 or 3) and 4 (506)

6 Cerebral Hemorrhage/ and cerebral Infarction/ and stroke/ and vasculitis, central Nervous system/ (1)

7 Vasculitis, Central Nervous System/ and Constriction, Pathologic/ (13)

8 5 or 6 or 7 (511)

9 limit 8 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (226)

10 limit 9 to case reports (71)

11 9 not 10 (155)

12 Cerebral Angiography/ and Vasculitis, Central Nervous System/ and Image Processing, Computer-Assisted/ (7)

13 11 or 12 (161)

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Search Strategy

1 Magnetic Resonance Imaging/ and Intracranial Arteriovenous Malformations/ and Cerebral Angiography/ (545)

2 Stroke/ and Intracranial Arteriovenous Malformations/ (96)

3 Intracranial Arteriovenous Malformations/ and Magnetic Resonance Angiography/ and Imaging, Three-Dimensional/ (80)

4 1 or 2 or 3 (713)

5 limit 4 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (123)

6 limit 5 to case reports (46)

7 5 not 6 (77)

8 American Heart Association/ and Intracranial Arteriovenous Malformations/ (3)

9 7 or 8 (80)

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Search Strategy

1 Decision Support Systems, Management/ and Intracranial Aneurysm/ (1)

2 Embolization, Therapeutic/ and Intracranial Aneurysm/ and Magnetic Resonance Angiography/ (313)

3 Embolization, Therapeutic/ and Intracranial Aneurysm/ and Cerebral Angiography/ and France/ (6)

4 Cerebrovascular Circulation/ and Intracranial Aneurysm/ and Cerebral Angiography/ and Angiography, Digital Subtraction/ (52)

5 Endovascular Procedures/ and Embolization, Therapeutic/ and Intracranial Aneurysm/ and Magnetic Resonance Angiography/ (36)

6 1 or 2 or 3 or 4 (366)

7 limit 6 to (abstracts and english language and humans and yr="2010 -Current" and "all adult (19 plus years)") (180)

8 5 or 7 (184)

9 limit 8 to case reports (59)

10 8 not 9 (125)

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Search Strategy

1 Brain ischemia/ and Subarachnoid Hemorrhage/ and Ultrasonography, Doppler, Transcranial/ (73)

2 Brain ischemia/ and Vasospasm, Intracranial/ (372)

3 Cerebral Arteries/ and Cerebral Infarction/ and Brain/ (234)

4 Vasospasm, Intracranial/ and Ultrasonography, Doppler, Transcranial/ and Brain Ischemia/ (47)

5 1 or 2 or 3 or 4 (638)

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6 limit 5 to (abstracts and english language and humans and yr="2010 -Current") (199)
7 limit 6 to case reports (14)
8 6 not 7 (185)
9 Dermoid Cyst/ and Cerebral Ventricle Neoplasms/ (48)
10 8 or 9 (233)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	146	21
Literature Search(es)	2036	62
Author Added	20	16
Supporting Docs	4	4
Total		103

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.