Supplemental material

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J NeuroIntervent Surg

Supplementary Appendix S1. PubMed, MEDLINE, EMBASE and Cochrane Register search strategies. Recommendations for a sensitive search with low precision; with subject headings with exploded terms; and with no language restrictions, were followed [1].

MEDLINE (OVID). PubMed was included.

The search strategy for Title/Abstract terms used a combination of subject headings (MeSH terms) and keywords:

Database: Ovid MEDLINE(R) ALL <1946 to April 12 2021>

Search Strategy:

1	exp Robotics (30265)
2	interventional neuroradiology (669)
3	neurointervention (259)
4	mechanical thrombectomy (3685)
5	carotid artery stenting (2068)
6	exp cerebral angiography (34008)
7	2 or 3 or 4 or 5 or 6 (41032)
8	1 and 7 (16)

EMBASE (OVID).

Subject headings and keywords:

Database: Embase <1974 to 2021 April 12>

Search Strategy:

| 1 | exp Robotics (42604) |
| 2 | interventional neuroradiology (1280) |

3   neurointervention (450)

4   exp mechanical thrombectomy (8445)

5   exp carotid artery stent (1224)

6   exp brain angiography (26955)

7   2 or 3 or 4 or 5 or 6 (37544)

8   1 and 7 (29)

Cochrane Register.

Subject headings and keywords:

Date Run: 22/02/2020 14:00

ID   Search   Hits

#1   MeSH descriptor: [Robotics] explode all trees   873

#2   neuroradiology   981

#3   mechanical thrombectomy 532

#4   carotid artery stent 530

#5   cerebral angiography 1184

#6   {OR #2-#5}   2903

#7   #1 AND #6   0

PubMed (HDAS).

Subject headings and keywords:

Database: PubMed <All performed 16/04/2021>

Search Strategy:

1   robot or robotic (62073)

2   interventional neuroradiology (5575)

3   neurointervention (957)

4   mechanical thrombectomy (3675)

5   carotid artery stenting (3068)

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6   cerebral angiography (51588)

7   2 or 3 or 4 or 5 or 6 (62321)

8   1 and 7 (100)