

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:

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- 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)	

6 cerebral angiography (51588)

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

8 1 and 7 (100)