

## Supplementary Material S1: Detailed Search Strategy

### **PUBMED:**

Free Text and MESH

**Query:** ("optic neuropathy, ischemic"[MeSH Terms] OR ("optic"[All Fields] AND "neuropathy"[All Fields] AND "ischemic"[All Fields]) OR "ischemic optic neuropathy"[All Fields] OR "naion"[All Fields] OR ("ions"[Supplementary Concept] OR "ions"[All Fields] OR "ion"[All Fields] OR "ions"[MeSH Terms]) OR ("mesons"[MeSH Terms] OR "mesons"[All Fields] OR "pion"[All Fields]) OR ("ions"[Supplementary Concept] OR "ions"[All Fields] OR "ion"[All Fields] OR "ions"[MeSH Terms]) OR ("optic nerve diseases"[MeSH Terms] OR ("optic"[All Fields] AND "nerve"[All Fields] AND "diseases"[All Fields]) OR "optic nerve diseases"[All Fields] OR ("optic"[All Fields] AND "neuropathy"[All Fields]) OR "optic neuropathy"[All Fields])) AND ("carotid arteries"[MeSH Terms] OR ("carotid"[All Fields] AND "arteries"[All Fields]) OR "carotid arteries"[All Fields] OR "carotid"[All Fields] OR "carotids"[All Fields] OR "carotidal"[All Fields] OR "carotide"[All Fields] OR "carotideal"[All Fields]) AND ("dissect"[All Fields] OR "dissected"[All Fields] OR "dissecting"[All Fields] OR "dissection"[MeSH Terms] OR "dissection"[All Fields] OR "dissections"[All Fields] OR "dissects"[All Fields]))

#	Search Term	No. Results
1	"Carotid"	157.975
2	"optic neuropathy" OR "NAION" OR "ION" OR "PION" OR "AION"	1.610.291
3	"dissection"	233.878
4	1 AND 2 AND 3	82

### **EMBASE**

Free Text

Mapping options enabled:

- map to preferred term in Emtree
- search also as free text in all fields
- explode using narrower Emtree terms
- search as broadly as possible

#	Search Term	No. of Results
1	((("Carotid" AND "optic neuropathy" OR "AION" OR "ION" OR "PION" AND "dissection"))	60

### **SCOPUS**

Free Text

#	Search Term	No. of Results
1	( TITLE-ABS-KEY ( carotid ) AND TITLE-ABS-KEY ( optic AND neuropathy ) OR OR TITLE-ABS-KEY ( ion ) OR TITLE-ABS-KEY ( pion ) OR TITLE-ABS-KEY ( ion ) AND TITLE-ABS-KEY ( dissection ) )	56