**Table S1.** Search strategy

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| **PubMed** |
| #1 | Cerebrovascular Disorders[MeSH Terms] |
| #2 | stroke\*[Title/Abstract] OR poststroke[Title/Abstract] OR apoplex\*[Title/Abstract] OR cerebral vasc\*[Title/Abstract] OR brain vasc\*[Title/Abstract] OR cerebrovasc\*[Title/Abstract] OR cva\*[Title/Abstract] |
| #3 | (brain[Title/Abstract] OR cerebr\*[Title/Abstract] OR cerebell\*[Title/Abstract] OR vertebrobasil\*[Title/Abstract] OR hemispher\*[Title/Abstract] OR intracran\*[Title/Abstract] OR intracerebral[Title/Abstract] OR infratentorial[Title/Abstract] OR supratentorial[Title/Abstract] OR middle cerebral artery[Title/Abstract] OR MCA\*[Title/Abstract] OR anterior circulation[Title/Abstract] OR posterior circulation[Title/Abstract] OR basilar artery[Title/Abstract] OR vertebral artery[Title/Abstract] OR space‐occupying[Title/Abstract]) AND (ischaemi\*[Title/Abstract] OR ischemi\*[Title/Abstract] OR infarct\*[Title/Abstract] OR thrombo\*[Title/Abstract] OR emboli\*[Title/Abstract] OR occlus\*[Title/Abstract] OR hypoxi\*[Title/Abstract]) |
| #4 | #1 or #2 or #3 |
| #5 | argatroban[Title/Abstract] |
| #6 | #4 and #5 |
| **Cochrane Library** |
| #1 | MeSH descriptor: [Cerebrovascular Disorders] explode all trees |
| #2 | (stroke\* or poststroke or apoplex\* or cerebral vasc\* or brain vasc\* or cerebrovasc\* or cva\* or SAH):ti,ab,kw (Word variations have been searched) |
| #3 | ((brain or cerebr\* or cerebell\* or vertebrobasil\* or hemispher\* or intracran\* or intracerebral or infratentorial or supratentorial or middle cerebral artery or MCA\* or anterior circulation or posterior circulation or basilar artery or vertebral artery or space‐occupying) AND (ischaemi\* or ischemi\* or infarct\* or thrombo\* or emboli\* or occlus\* or hypoxi\*)):ti,ab,kw |
| #4 | #1 or #2 or #3 |
| #5 | (argatroban):ti,ab,kw |
| #6 | #4 and #5 |
| **Embase** |
| #1 | 'cerebrovascular disease'/exp |
| #2 | stroke\*:ab,ti OR poststroke:ab,ti OR apoplex\*:ab,ti OR 'cerebral vasc\*':ab,ti OR 'brain vasc\*':ab,ti OR cerebrovasc\*:ab,ti OR cva\*:ab,ti |
| #3 | (brain:ab,ti OR cerebr\*:ab,ti OR cerebell\*:ab,ti OR vertebrobasil\*:ab,ti OR hemispher\*:ab,ti OR intracran\*:ab,ti OR intracerebral:ab,ti OR infratentorial:ab,ti OR supratentorial:ab,ti OR 'middle cerebral artery':ab,ti OR mca\*:ab,ti OR 'anterior circulation':ab,ti OR 'posterior circulation':ab,ti OR 'basilar artery':ab,ti OR 'vertebral artery':ab,ti OR space鈥恛ccupying:ab,ti) AND (ischaemi\*:ab,ti OR ischemi\*:ab,ti OR infarct\*:ab,ti OR thrombo\*:ab,ti OR emboli\*:ab,ti OR occlus\*:ab,ti OR hypoxi\*:ab,ti) |
| #4 | #1 OR #2 OR #3 |
| #5 | argatroban:ab,ti |
| #6 | #4 AND #5 |



**Figure S1** Results of sensitivity analysis for (A) END, (B) mRS score of 0-1 (C) mRS score of 0-2 at 90 days by leave-one-out method



**Figure S2** Results of sensitivity analysis for adverse events by leave-one-out method. (A) intracranial hemorrhage; (B) major extracranial bleeding; (C) mortality.