

Supplemental Digital Content 2 Reasons for Exclusion of Studies

<b>Reason for exclusion</b>	<b>Number of manuscripts excluded</b>
<b>Relevance</b>	
Not relevant by title, abstract(includes global ischemia), not available on-line or through librarian	1119
Review articles (screened for suitable manuscripts)	22
<b>Type of Ischemia Model</b>	
Embolic model	3
Craniotomy model	30
Endothelin/prothrombosis models	3
Forebrain ischemia model	10
Endothelin model	2
Cellular/biochemical outcomes only	18
Human studies	2
<b>Methodological Issues</b>	
Statistical Methods unclear, no reply from authors	2
No comparison control group	6
Total Publications Excluded After Manuscript Review	98