

Supplementary Table 1. Transcranial Doppler findings before and after changing blood pressure goal from below 120/70 to around 140/90

Maximum mean flow velocity	Initial study	Repeat study after liberalized blood pressure management
Right MCA	42 cm/sec@63 mm depth	53 cm/sec@58 mm depth
Right ACA	46 cm/sec@63 mm depth	93 cm/sec@69 mm depth
Right Terminal ICA	24 cm/sec@63 mm depth	NA
Right P1 branch of PCA	27 cm/sec@63 mm depth	NA
Right P2 branch of PCA	34 cm/sec@63 mm depth	30 cm/sec@63 mm depth
Right ophthalmic artery	Antegrade	Antegrade
Right carotid siphon	25 cm/sec@74 mm depth	24 cm/sec@68 mm depth
Left MCA	48 cm/sec@61 mm depth - low pulsatility	42 cm/sec@64 mm depth - improved pulsatility
Left ACA	43 cm/sec@59 mm depth - low pulsatility	44 cm/sec@80 mm depth - improved pulsatility
Left terminal ICA	26 cm/sec@50 mm depth	NA
Left P1 branch of PCA	NA	NA
Left P2/PCOMM branch of PCA	35 cm/sec@74 mm depth	46 cm/sec@78 mm depth
Left ophthalmic artery	Antegrade	Antegrade
Left carotid siphon	27 cm/sec@62 mm depth	40 cm/sec@68 mm depth
Right vertebral artery	26 cm/sec@78 mm depth	30 cm/sec@63 mm depth
Left vertebral artery	40 cm/sec@63 mm depth	45 cm/sec@66 mm depth
Basilar artery	55 cm/sec@92 mm depth	65 cm/sec@93 mm depth

ICA, internal carotid artery; ACA, anterior cerebral artery; MCA, middle cerebral artery; PCA, posterior cerebral artery; PCOMM, post communicating artery; NA, not available.