

SUPPLEMENTARY TABLE. Patient demographics, indication of transradial approach and operation details.

Case No.	Age, y	Sex	Ethnicity	Date of operation	Indication	Procedure	Puncture site	Crossover	Access site complication	Procedure-related complication
Carotid stenting										
1	40	F	Indian	Dec 2019	Obesity, dual antiplatelet tx	Right carotid stenting	Proximal	No	No	No
2	86	F	Chinese	Dec 2019	Dual antiplatelet tx	Right carotid stenting	Proximal	No	No	No
3	73	M	Chinese	Dec 2019	Dual antiplatelet tx	Right carotid stenting	Distal	No	No	No
4	70	M	Chinese	Mar 2020	Failed femoral, dual antiplatelet tx	Right carotid in-stent stenosis	Proximal	No	No	No
5	87	M	Chinese	Aug 2020	Type III aortic arch, dual antiplatelet tx	Right carotid stenting	Proximal	No	No	No
6	83	M	Chinese	Sep 2020	Bovine arch, dual antiplatelet tx	Left carotid stenting	Proximal	No	No	No
7	61	M	Chinese	Sep 2020	Dual antiplatelet tx	Right carotid stenting	Proximal	No	No	No
8	75	M	Chinese	Oct 2020	Type III aortic arch, dual antiplatelet tx	Right carotid stenting	Proximal	No	No	No
9	87	F	Chinese	Nov 2020	Type III aortic arch, dual antiplatelet tx	Right carotid stenting	Distal	No	No	No
10	96	M	Chinese	May 2021	Type III aortic arch, dual antiplatelet tx	Right carotid stenting	Proximal	Yes	No	No
Anterior circulation aneurysm embolisation										
11	68	M	Chinese	Jun 2019	Type III aortic arch	Right cavernous ICA aneurysm coil embolisation	Proximal	No	No	No
12	81	F	Chinese	Jun 2020	Type III aortic arch	Right MCA bifurcation aneurysm coil embolisation	Proximal	No	No	Postoperative right MCA infarct
13	52	M	Chinese	Sep 2020	Type III aortic arch, dual antiplatelet tx	Flow diverter embolisation of ACoA aneurysm	Proximal	No	No	Thrombus in ACA, resolved with integrilin infusion; clinically silent
14	61	F	Chinese	Sep 2020	Dual antiplatelet tx	Flow diverter embolisation of right ophthalmic, cavernous ICA aneurysm	Proximal	No	No	No
15	50	F	Chinese	Sep 2020	Type II aortic arch	Coil embolisation of right terminal ICA aneurysm	Proximal	No	No	No
16	72	F	Chinese	Sep 2020	Type III aortic arch	Coil embolisation of right PCoA aneurysm	Proximal	No	No	No
17	67	F	Chinese	Oct 2020	Dual antiplatelet tx	Flow diverter embolisation of right ICA aneurysm	Proximal	Yes	No	No
18	51	M	Chinese	Oct 2020	Type II aortic arch	Right terminal ICA aneurysm coil embolisation	Proximal	No	No	No
19	66	M	Chinese	Nov 2020	Dual antiplatelet tx	Flow diverter-assisted coiling of left ophthalmic ICA aneurysm	Distal	No	No	No
20	67	F	Chinese	Nov 2020	Dual antiplatelet tx	Flow diverter-assisted coiling of right paraophthalmic ICA aneurysm	Proximal	No	No	No
21	62	F	Chinese	Jan 2021	Dual antiplatelet tx	Flow diverter embolisation of right ICA ophthalmic segment aneurysm	Proximal	No	No	No
22	66	F	Chinese	Mar 2021	Type III aortic arch	Coil embolisation of ACoA aneurysm	Proximal	No	No	No
23	60	F	Chinese	Mar 2021	Type III aortic arch	Flow diverter embolisation of right ICA cavernous aneurysm	Proximal	No	No	No
24	64	M	Chinese	May 2021	Type II aortic arch	Balloon-assisted coiling of ACA A2 aneurysm	Distal	No	No	Intra-operative rupture

SUPPLEMENTARY TABLE. (cont'd)

Case No.	Age, y	Sex	Ethnicity	Date of operation	Indication	Procedure	Puncture site	Crossover	Access site complication	Procedure-related complication
25	83	M	Chinese	May 2021	Type III aortic arch	Coil embolisation of right PCoA aneurysm	Proximal	No	No	No
26	88	F	Chinese	Jun 2021	Old and probable type III aortic arch	Coil embolisation of right PCoA aneurysm	Proximal	No	No	No
27	76	F	Chinese	Jun 2021	Bovine arch	Coil embolisation of residual left ophthalmic ICA aneurysm	Proximal	Yes	No	No
Posterior circulation aneurysm embolisation										
28	79	F	Chinese	Jan 2018	Posterior circulation, dual antiplatelet tx	Pipeline stent, coil embolisation of right VA dissecting aneurysm	Proximal	No	No	Intra-operative in-stent thrombosis
29	64	F	Chinese	Feb 2018	Posterior circulation, dual antiplatelet tx	Pipeline embolisation of mid BA aneurysm	Proximal	No	No	No
30	82	M	Chinese	May 2018	Posterior circulation, dual antiplatelet tx	Pipeline embolisation of bilateral VA aneurysms	Proximal	No	No	No
31	46	F	Chinese	Apr 2020	Posterior circulation, dual antiplatelet tx	Flow diverter embolisation of left VA dissecting aneurysm	Proximal	No	No	No
32	46	M	Chinese	Jul 2020	Posterior circulation	Trapping of right VA dissecting aneurysm	Proximal	No	No	No
33	47	M	Chinese	Aug 2020	Posterior circulation, dual antiplatelet tx	Left VA flow diverter deployment for left VA dissecting aneurysm	Proximal	No	No	No
34	75	F	Chinese	Aug 2020	Posterior circulation, dual antiplatelet tx	Right VA flow diverter deployment for right VA dissecting aneurysm	Distal	No	No	No
35	75	F	Chinese	Sep 2020	Posterior circulation	Trapping of right AICA dissecting aneurysm	Proximal	No	No	Intra-OT rupture
36	39	M	Chinese	Oct 2020	Posterior circulation	Trapping of right VA dissecting aneurysm	Proximal	No	No	No
37	63	F	Chinese	Oct 2020	Posterior circulation, dual antiplatelet tx	Right VA flow diverter deployment for right PICA dissecting aneurysm	Proximal	No	No	No
38	65	M	Chinese	Mar 2021	Posterior circulation, dual antiplatelet tx	Stent-assisted coiling of BA aneurysm (Y stenting)	Proximal and distal	No	No	No
39	74	M	Asian	Apr 2021	Posterior circulation, dual antiplatelet tx	Basilar tip aneurysm stent-assisted coil embolisation	Distal	No	No	No
40	50	F	Chinese	Apr 2021	Posterior circulation	Trapping of right VA partially thrombosed aneurysm	Distal	No	No	No
41	68	F	Chinese	Apr 2021	Posterior circulation, dual antiplatelet tx	Flow diverter embolisation of BA aneurysm	Distal	No	No	No
42	72	F	Chinese	May 2021	Posterior circulation	Basilar tip aneurysm coil embolisation	Distal	No	No	No
43	48	F	Chinese	May 2021	Posterior circulation	Trapping of right VA dissecting aneurysm	Distal	No	No	No
Tumour embolisation										
44	44	F	Chinese	Dec 2020	Operator's preference	Right middle meningeal artery embolisation for meningioma	Proximal	No	No	No
AVM embolisation										
45	45	F	Chinese	Aug 2020	Posterior circulation	Embolisation of AVM in posterior fossa	Distal	No	No	No

Abbreviations: ACA = anterior cerebral artery; ACoA = anterior communicating artery; AICA = anterior inferior cerebellar artery; AVM = arteriovenous malformation; BA = basilar artery; F = female; ICA = internal carotid artery; M = male; MCA = middle cerebral artery; PCoA = posterior communicating artery; PICA = posterior inferior cerebellar artery; tx = treatment; VA = vertebral artery.