

Supplementary Table 1. Operative Cases

Patient	Orientation	STA	PAA	Age	Gender	Presentation	KPS/mRS	Postoperative clinical outcome*	PAA Adequacy†
Case 1	Right	D1	4a	8	M	TIA	100/0	Fair	100%
Case 2‡	Right	D1	4a	6	F	TIA	100/0	Excellent	100%
	Left	D1	4a						100%
Case 3	Right	C1	4a	12	F	Headache	100/0	Excellent	100%
Case 4	Right	D1	3a	11	F	TIA and Headache	100/0	Fair	54%
Case 5	Left	C1	4a	15	F	TIA	100/0	Excellent	100%
Case 6	Left	D1	3a	8	F	TIA	100/0	Excellent	67%
Case 7	Right	D1	3a	1.7	M	Ischemic	80/2	Good	73%
Case 8	Left	C1	4a	5	F	TIA	100/0	Excellent	100%
Case 9	Left	C1	4a	10	F	TIA and Headache	100/0	Excellent	100%

* Based on 1 year postoperative clinical symptoms, asymptomatic without fixed neurological deficit is labeled as “excellent”, asymptomatic with fixed neurological deficit is labeled as “good”, reduced symptoms are labeled as “fair”, and no significant change or worsened symptoms are labeled as “poor”.

† The proportion of PAA termination between the helix and vertex is labeled, where 4a is labeled proportionately as 100%, 3a ranges from 0% to 100%, and the adequate cutoff value for PAA is considered any value above the 50% mark.

‡ Patient showed a bilateral D1+4a combination and underwent bilateral PAA-EDAS