

Supplementary Table. Clinical characteristics of 27 patients with PICA aneurysms

No.	Sex	Age	Clinical presentation	Aneurysm lateral-ity	Aneurysm location	Morphology	Size(mm) ^{&}	Rupture	Treatment modality	Hybrid surgery	Surgical complication or new neurologic deficit	Follow-up period(months)	mRS before surgery	mRS at discharge	mRS at last follow-up	Recurrence at last follow-up
1	F	>60	Sudden headache	L	P5	Saccular	6.5	Y	Clipping	Y	N	128	1	0	0	N
2	F	40-60	Sudden headache	L	P3	Saccular	8.2	Y	Clipping	N	N	126	2	1	1	N
3	F	>60	Sudden headache with unconsciousness and dyspnea	L	P2	Saccular	7.2	Y	Clipping	Y	N	126	4	3	3	N
4 [#]	M	40-60	Dizziness	R	P5	Fusiform	18.9	N	Trapping	N	N	107	1	0	0	N
5	F	20-40	Sudden unconsciousness	R	P2	Fusiform	22.2	N	Clip reconstruction	N	N	104	3	2	1	N
6	M	20-40	Headache with unconsciousness	R	P1	Saccular	8.5	Y	Clipping	N	N	102	3	0	0	N
7	F	20-40	Headache with unconsciousness	R	P4	Saccular	16.3	Y	Clipping	N	N	101	3	2	2	N
8	F	40-60	Headache with unconsciousness	R	P4	Saccular	16.3	Y	Clipping	N	N	101	3	2	2	N
8	F	40-60	Sudden	L	P1	Saccular	6.8	Y	Clipping	N	N	99	1	0	0	N

				headache with vomiting													
							P3: 7.6; P4: 6.4										
9	F	40-60	Dizziness with vomiting	L	P3,P4	Saccular		Y	Clipping	N	N	94	1	0	0	N	
10	F	20-40	Headache	R	P4	Saccular	11.4	N	Clipping	N	N	81	1	0	0	N	
11	F	40-60	Sudden unconsciousness, dizziness	L	P5	Saccular	9.4	Y	Clipping	N	N	74	3	2	0	N	
12	F	20-40	Headache with vomiting	L	P5	Saccular	10.6	Y	Clipping	N	N	68	2	2	0	N	
13	F	20-40	Headache with left limb numbness	L	P2	Dissecting	14.0	N	Trapping+PICA- PICA reanastomosis	N	N	68	1	0	0	N	
14*	F	>60	Dizziness	R	P5	Saccular	6.4, 4.0	N	Clipping	Y	N	51	0	0	0	N	
15	M	40-60	Sudden headache with unconsciousness	L	P1	Dissecting	13.6	N	Clip reconstruction	Y	N	50	3	0	0	N	
16	F	>60	Sudden dizziness	L	VA-PICA	Dissecting	15.7	N	Trapping+OA-PICA bypass	Y	N	35	1	0	0	N	
17	F	>60	Incidental finding	R	P1	Saccular	5.0	N	Clipping	Y	N	34	0	0	0	N	
18	F	40-60	Recurrence after embolization	R	P1	Saccular	12.4	N	Trapping+OA-PICA bypass+ embolization	Y(aneurysm trapping with bypass	N	31	0	0	0	N	

and
further
coiling)

			bypass																	
			Headache																	
27	M	40-60	with	L	VA-PIC	Fusiform	25.8	N	Trapping+PICA-	Y	N	4	1	0	0	N				
			dizziness,																	
			dyspagia																	
					A				VA bypass											

DSA, digital subtraction angiography; F, female; L, left; M, male; mRS, modified Rankin Scale; N, no; OA, occipital artery; PICA, posterior inferior cerebellar artery; R, right; VA, vertebral artery; Y, yes

*This patient had 3 other P2 aneurysms that were treated by coiling

This patient had a cerebellar arteriovenous malformation unrelated to the aneurysm

&Size was measured using DSA