

Supplemental Table 1: Comparison of aneurysm characteristics in coiling and balloon-assisted coiling (BAC) groups

Aneurysm characteristics n(%)		Coiling (n=516)	BAC (n=429)	Univariate analysis p-value¹
Aneurysm status	Ruptured	351 (57.2)	263 (42.8)	0.03
	Unruptured	165 (49.8)	166 (50.2)	
Aneurysm size	≥10 mm	64 (49.6)	65 (50.4)	0.22
	<10 mm	452 (55.4)	364 (44.6)	
Wide neck	Yes	290 (52.1)	267 (47.9)	0.06
	No	226 (58.3)	162 (41.7)	
Aneurysm shape	Irregular	380 (56.2)	296 (43.8)	0.12
	Regular	136 (50.6)	133 (49.4)	
Aneurysm location²	ACA/Acom	222 (61.2)	141 (38.8)	0.001
	MCA	101 (51)	97 (49)	
	ICA intradural	7 (50)	7 (50)	
	ICA extradural	135 (46.6)	155 (53.4)	
	VB	51 (63.8)	29 (36.2)	

¹ Khi2 tests; ² ACA/Acom = anterior cerebral/communicating artery; MCA = middle cerebral artery; ICA = intradural internal carotid artery; ICA = extradural internal carotid artery; VB = vertebrobasilar.

Supplemental Table 2: Postoperative aneurysm occlusion and midterm recanalization in the participating centers

Center	Number of patients	Postoperative aneurysm occlusion			Recanalization
		Complete occlusion (%)	Neck remnant (%)	Aneurysm remnant (%)	Yes (%)
1	39	71.8	28.2	0.0	20.5
2	22	68.2	27.3	4.6	36.4
3	47	46.8	48.9	4.6	36.2
4	27	40.7	37.0	22.2	14.8
5	60	46.7	41.7	11.7	46.7
6	80	57.5	30.0	12.5	43.8
7	113	70.8	26.6	2.7	23.9
8	58	46.6	34.5	19.0	22.4
9	29	48.3	44.8	6.9	51.7
10	68	52.9	36.8	10.3	39.7
11	54	66.7	27.8	5.6	27.8
12	110	53.6	39.1	7.3	21.8
13	53	67.9	30.2	1.9	35.9
14	90	54.4	34.4	11.1	25.6
15	73	63.0	34.3	2.7	13.7
16	22	63.6	36.4	0.0	27.3
Total	945	57.9	34.4	7.7	29.5