

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

<b>Aneurysm characteristics n(%)</b>		<b>Coiling (n=516)</b>	<b>BAC (n=429)</b>	<b>Univariate analysis p-value<sup>1</sup></b>
<b>Aneurysm status</b>	Ruptured	351 (57.2)	263 (42.8)	0.03
	Unruptured	165 (49.8)	166 (50.2)	
<b>Aneurysm size</b>	≥10 mm	64 (49.6)	65 (50.4)	0.22
	<10 mm	452 (55.4)	364 (44.6)	
<b>Wide neck</b>	Yes	290 (52.1)	267 (47.9)	0.06
	No	226 (58.3)	162 (41.7)	
<b>Aneurysm shape</b>	Irregular	380 (56.2)	296 (43.8)	0.12
	Regular	136 (50.6)	133 (49.4)	
<b>Aneurysm location<sup>2</sup></b>	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)	

<sup>1</sup> Khi2 tests; <sup>2</sup> 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 (%)
<b>1</b>	39	71.8	28.2	0.0	20.5
<b>2</b>	22	68.2	27.3	4.6	36.4
<b>3</b>	47	46.8	48.9	4.6	36.2
<b>4</b>	27	40.7	37.0	22.2	14.8
<b>5</b>	60	46.7	41.7	11.7	46.7
<b>6</b>	80	57.5	30.0	12.5	43.8
<b>7</b>	113	70.8	26.6	2.7	23.9
<b>8</b>	58	46.6	34.5	19.0	22.4
<b>9</b>	29	48.3	44.8	6.9	51.7
<b>10</b>	68	52.9	36.8	10.3	39.7
<b>11</b>	54	66.7	27.8	5.6	27.8
<b>12</b>	110	53.6	39.1	7.3	21.8
<b>13</b>	53	67.9	30.2	1.9	35.9
<b>14</b>	90	54.4	34.4	11.1	25.6
<b>15</b>	73	63.0	34.3	2.7	13.7
<b>16</b>	22	63.6	36.4	0.0	27.3
<b>Total</b>	945	57.9	34.4	7.7	29.5