On-line Table: Predictors of ischemic complications

Parameter	No Complications (n = 100)	Complications (n = 29)	P Value Univariable	P Value Multivariable
Sex				
Female	66 (80.5%)	16 (19.5%)	.29	–
Male	34 (72.3%)	13 (27.7%)		
Median age (range) (yr)	58 (29–78)	54 (29–82)	.86	–
Smoking[a]				
Yes	36 (90%)	4 (10%)	.02	OR, 0.2; 95% CI, 0.05–0.7; P = .01
No	57 (71.3%)	23 (28.8%)		
Presenting symptoms				
Asymptomatic	23 (82.1%)	5 (17.9%)	.2	–
Headache/dizziness	26 (8.7%)	4 (13.3%)		
Neurologic deficit	51 (71.8%)	20 (28.2%)		
Subarachnoid hemorrhage				
No	69 (75.8%)	22 (24.2%)	.17	–
Acute (<24 hr)	6 (100%)	0%		
Immediate (<2 wk)	13 (92.9%)	1 (7.1%)		
Remote (>2 wk)	12 (66.7%)	6 (33.3%)		
Pretreatment mRS				
0–2	81 (80.2%)	20 (19.8%)	.17	–
3–5	19 (67.9%)	9 (32.1%)		
Aneurysm location				
VA	38 (84.4%)	7 (15.6%)	.48	–
Vertebrobasilar artery	13 (72.2%)	5 (27.8%)		
PICA	8 (88.9%)	1 (11.1%)		
Basilar artery	32 (69.6%)	14 (30.4%)		
SCA	2 (66.7%)	1 (33.3%)		
PCA	7 (87.5%)	1 (12.5%)		
Aneurysm shape				
Saccular	36 (76.6%)	11 (23.4%)	.7	–
Fusiform	38 (74.5%)	13 (25.5%)		
Dissecting	24 (82.8%)	5 (17.2%)		
Aneurysm measurements				
Maximal diameter				
<7 mm	18 (81.8%)	4 (18.2%)	.11	–
7–12 mm	38 (88.4%)	5 (11.6%)		
13–24 mm	27 (69.2%)	12 (30.8%)		
>24 mm	17 (68%)	8 (32%)		
Daughter sac				
Yes	21 (80.8%)	5 (19.2%)	.66	–
No	79 (76.7%)	24 (23.3%)		
Intra-aneurysmal thrombus				
Yes	25 (64.1%)	14 (35.9%)	.02	OR, 2.7; 95% CI, 0.9–7.8; P = .06
No	75 (83.3%)	15 (16.7%)		
Prior treatment				
No	84 (75%)	28 (25%)	.37	–
Endovascular	13 (92.9%)	1 (7.1%)		
Surgery	2 (100%)	0%		
Both	1 (100%)	0%		
Platelet function testing				
Yes	64 (83.1%)	13 (16.9%)	.06	–
No	36 (69.2%)	16 (30.8%)		
Clopidogrel responders[b]				
Yes	54 (85.7%)	9 (14.3%)	.2	–
No	10 (71.4%)	4 (28.6%)		
Adjunctive coiling				
Yes	33 (82.5%)	7 (17.5%)	.36	–
No	67 (75.3%)	22 (24.7%)		
No. of Pipelines deployed (median) (range)	1 (1–14)	2 (1–9)	.03	OR, 1.1; 95% CI, 0.9–1.4; P = .4
Length of procedure (median) (range) (min)	104 (22–360)	145 (42–410)	.04	OR, 1; 95% CI, 0.9–1.01; P = .1
Branch status				
Covered	76 (73.8%)	27 (26.2%)	.04	OR, 2.6; 95% CI, 0.5–12.4; P = .24
Not covered	24 (92.3%)	2 (7.7%)		
No. of covered branches				
≤2	47 (71.2%)	19 (28.8%)	.43	–
>2	29 (78.4%	8 (21.6%)		
Covered branches status				
Occluded	18 (85.7%)	3 (14.3%)	.16	–
Not occluded	58 (70.7%)	24 (29.3%)		

Note:—SCA indicates superior cerebellar artery.
[a] Data are missing in 9 procedures.
[b] Among patients with platelet function testing.