

On-line Table: Predictors of thromboembolic and hemorrhagic complications occurring up to 6 months after treatment of cerebral aneurysms with the PED

	All Complications (%)	P Value ^a	Major Complications ^b (%)	P Value ^a
Sex		.42		1
Female (<i>n</i> = 38)	10 (26.3)		4 (10.5)	
Male (<i>n</i> = 10)	1 (10)		1 (10)	
Age (yr)		.56		.42
31–50 (<i>n</i> = 12)	2 (16.7)		1 (8.3)	
51–65 (<i>n</i> = 21)	4 (19)		1 (4.8)	
66–81 (<i>n</i> = 15)	5 (33.3)		3 (20)	
Smoking history		.91		.72
Never (<i>n</i> = 14)	3 (21.4)		2 (14.3)	
Former ^c (<i>n</i> = 16)	3 (18.8)		2 (12.5)	
Active (<i>n</i> = 18)	5 (27.8)		1 (5.6)	
History of hypertension (<i>n</i> = 26)	8 (30.8)	.19	4 (15.4)	.36
Aspirin dose		1		1
81 mg (<i>n</i> = 6)	1 (16.7)		1 (16.7)	
325 mg (<i>n</i> = 42)	10 (23.8)		4 (9.5)	
Final P2Y12 receptor antagonist		1		.7
Clopidogrel (<i>n</i> = 32)	8 (25)		3 (9.4)	
Prasugrel (<i>n</i> = 14)	3 (21.4)		2 (14.3)	
Ticagrelor (<i>n</i> = 2)	0		0	
Last-recorded PRU value		<.001 ^d		.01 ^d
<60 (<i>n</i> = 9)	5 (55.6)		3 (33.3)	
60–240 (<i>n</i> = 37)	4 (10.8)		1 (2.7)	
>240 (<i>n</i> = 2)	2 (100)		1 (50)	
Postprocedural corticosteroids		.17		.19
None (<i>n</i> = 3)	2 (66.7)		1 (33.3)	
Methylprednisolone (<i>n</i> = 32)	6 (18.8)		2 (6.3)	
Dexamethasone (<i>n</i> = 13)	3 (23.1)		2 (15.4)	
Distal access catheter		1		1
ReFlex (<i>n</i> = 25)	6 (24)		3 (12)	
Neuron (<i>n</i> = 23)	5 (21.7)		2 (8.7)	
Microwire		.63		.6
Headliner (<i>n</i> = 35)	7 (20)		4 (11.4)	
Traxcess (<i>n</i> = 7)	2 (28.6)		0	
Avigo (<i>n</i> = 6)	2 (33.3)		1 (16.7)	
Aneurysm location ^e		1		1
ICA (<i>n</i> = 35)	8 (22.9)		4 (11.4)	
ACA/MCA (<i>n</i> = 8)	2 (25)		1 (12.5)	
Posterior circulation (<i>n</i> = 5)	1 (20)		0	
Maximum aneurysm size ^e		.38		.72
<5 mm (<i>n</i> = 15)	4 (26.7)		1 (6.7)	
≥5 and <10 mm (<i>n</i> = 13)	1 (7.7)		1 (7.7)	
≥10 mm (<i>n</i> = 20)	6 (30)		3 (15)	
Wide-neck (≥4 mm) ^e (<i>n</i> = 29)	7 (24.1)	1	3 (10.3)	1
Fusiform morphology ^e (<i>n</i> = 7)	3 (42.9)	.33	2 (28.6)	.15
Vessel from neck/sac (<i>n</i> = 26)	5 (19.2)	.73	1 (3.9)	.16
Number of PEDs deployed		.42		.07
1 (<i>n</i> = 37)	7 (18.9)		2 (5.4)	
>1 (<i>n</i> = 11)	4 (36.7)		3 (27.3)	
Technically difficult procedure (<i>n</i> = 17)	7 (41.2)	.036	3 (17.6)	.33

Note:—ACA indicates anterior cerebral artery.

^a For univariate analysis with χ^2 or Fisher exact test.

^b Resulting in death or permanent disabling neurologic deficit.

^c Ceased smoking >6 months before procedure.

^d Independent predictor in multivariate regression analysis ($P \leq .05$).

^e For largest aneurysm treated.