

On-line Table: Procedure and device characteristics

Variable	No. Stroke/No. Total (%)	OR (95% CI)	P Value
Preprocedural antiplatelet use			
Yes	4.6% (31/681)	1.02 (0.39–2.68)	.9672
No	4.5% (5/112)	Ref	
Preprocedural platelet aggregation studies			
Yes	5.1% (29/564)	1.72 (0.74–3.98)	.2062
No	3.1% (7/229)	Ref	
Heparin administration			
Yes	4.4% (31/704)	0.77 (0.29–2.04)	.6046
No	5.6% (5/89)	Ref	
Reversal of heparin			
Yes	5.6% (1/18)	1.24 (0.16–9.61)	.8343
No	4.4% (30/689)	Ref	
Number of PEDs used			
1	3.0% (16/533)	Ref	
2	7.1% (13/183)	2.48 (1.18–5.21)	.0162
≥3	9.2% (7/76)	3.38 (1.37–8.35)	.0081
How multiple PEDs were used			
Overlapping	7.1% (10/140)	Ref	
Multiple layers	5.0% (2/40)	0.81 (0.19–3.41)	.7706
Additional length	10.5% (8/76)	1.54 (0.59–4.01)	.3741
Multiple layers and overlapping	0.0% (0/2)	2.48 (0.06–108.06)	.6365
Sheaths used			
Arrow-Flex ^a			
Yes	7.3% (3/41)	1.21 (0.36–4.14)	.7577
No	6.1% (33/540)	Ref	
Shuttle Select ^b			
Yes	4.0% (10/249)	0.49 (0.23–1.04)	.0637
No	7.8% (26/332)	Ref	
Pinnacle Destination ^c			
Yes	17.6% (6/34)	3.69 (1.42–9.60)	.0074
No	5.5% (30/547)	Ref	
Microcatheters used			
Marksman			
Yes	5.7% (32/557)	0.30 (0.10–0.94)	.0395
No	16.7% (4/24)	Ref	
Echelon ^d			
Yes	12.1% (4/33)	2.22 (0.74–6.71)	.1559
No	5.8% (32/548)	Ref	
Guidewires used			
Traxcess EX, ^e Neuroscout, ^f Synchro ^g			
Yes	5.4% (19/354)	0.70 (0.35–1.37)	.2962
No	7.5% (17/226)	Ref	
Headliner 16, ^c GT Wire 16, ^c Silverspeed 16 ^d			
Yes	10.7% (6/56)	1.98 (0.78–4.98)	.1483
No	5.7% (30/524)	Ref	
Transend 18 ^h			
Yes	5.5% (3/55)	0.86 (0.25–2.90)	.8082
No	6.3% (33/525)	Ref	
Exchange wires			
Yes	5.5% (8/146)	0.84 (0.37–1.89)	.6740
No	6.5% (28/434)	Ref	
Balloons used			
Hyper balloons ^d			
Yes	6.8% (3/44)	1.77 (0.49–6.31)	.3821
No	4.0% (16/402)	Ref	
PTA balloons, ^h Quantum ^g			
Yes	20.0% (1/5)	5.88 (0.62–55.27)	.1215
No	4.1% (18/441)	Ref	
Closure device			
Yes	5.3% (24/451)	0.55 (0.27–1.14)	.1076
No	6.2% (36/581)	Ref	

^a Teleflex Medical, Royersford, Pennsylvania.

^b Cook Medical, Bloomington, Indiana.

^c Terumo, Tokyo, Japan.

^d Covidien.

^e MicroVention, Tustin, California.

^f Codman & Shurtleff, Raynham, Massachusetts.

^g Boston Scientific, Natick, Massachusetts.

^h Stryker, Kalamazoo, Michigan.