

### Three-Year Outcomes of Orbital Atherectomy for the Endovascular Treatment of Infrainguinal Claudication or Chronic Limb-Threatening Ischemia

Stefanos Giannopoulos et al. *J Endovasc Ther.* 2019;27(5).

**Supplementary Table 1.** Crown Sizes of the Atherectomy Devices.<sup>a</sup>

Diamondback/Stealth Crown Type	RC 2/3: Claudicants (n=214)	RC 4/5: CLTI (n=233)	RC 6: CLTI (n=56)	p
1.5 Classic	26 (12.1)	14 (6.0)	9 (16.1)	0.018
2.0 Classic	32 (15.0)	17 (7.3)	2 (3.6)	0.008
1.25 Solid	41 (19.2)	66 (28.3)	8 (14.3)	0.02
1.5 Solid	51 (23.8)	49 (21.0)	7 (12.5)	0.179
2.0 Solid	19 (8.9)	12 (5.2)	1 (1.8)	0.108
1.25 Solid Micro	39 (18.2)	59 (25.3)	12 (21.4)	0.195
1.25 Micro	19 (8.9)	32 (13.7)	22 (39.3)	<0.001
Unknown	0	1 (0.4)	0	—

Abbreviation: CLTI, chronic limb-threatening ischemia; RC, Rutherford category.

<sup>a</sup>Data are given as the number (percentage).

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**Supplementary Table 2.** Short-term Outcomes and Angiographic Complications.<sup>a</sup>

Outcomes	RC 2/3 vs RC 4/5	RC 2/3 vs RC 6)	RC 4/5 vs RC 6
Per patient			
Procedure success <sup>b</sup>	1.28 (0.78 to 2.09) p=0.325	1.69 (0.82 to 3.50) p=0.157	1.32 (0.65 to 2.69) p=0.440
Severe angiographic complications	0.81 (0.44 to 1.50) p=0.510	0.60 (0.25 to 1.44) p=0.249	0.73 (0.31 to 1.72) p=0.476
Per lesion			
Lesion success <sup>b</sup>	1.22 (0.77 to 1.93) p=0.387	1.38 (0.71 to 2.68) p=0.342	1.13 (0.59 to 2.15) p=0.714
Severe angiographic complications	0.81 (0.46 to 1.43) p=0.477	0.65 (0.30 to 1.45) p=0.294	0.80 (0.38 to 1.72) p=0.572
Severe dissection (types C-F)	0.65 (0.19 to 2.26) p=0.500	0.56 (0.11 to 3.38) p=0.569	0.93 (0.19 to 4.57) p=0.930
Perforation	0.38 (0.08 to 1.89) p=0.237	0.61 (0.05 to 6.82) p=0.689	1.61 (0.19 to 13.6) p=0.661
Distal embolization	1.16 (0.57 to 2.37) p=0.681	0.81 (0.30 to 2.14) p=0.664	0.69 (0.26 to 1.84) p=0.461
Abrupt closure	0.16 (0.02 to 1.32) p=0.089	0.30 (0.02 to 4.92) p=0.402	1.89 (0.23 to 15.57) p=0.556

Abbreviations: RC: Rutherford category.

<sup>a</sup>Data are presented as the odds ratio (95% CI).

<sup>b</sup>Success defined as <50% residual stenosis, without significant angiographic complications.