

36 months SFA/PPA results overview

Conclusions

- The study results are similar to the results of other competitor stents for use in patients with Superficial Femoral Artery (SFA) and Proximal Popliteal Artery (PPA) lesions
- Freedom from Clinically-Driven Target Lesion Revascularization (Fcd-TLR) rate at 36-month is at 78.2% and shows stable long term outcomes for Pulsar-18

Study design

Prospective, non-randomized, multi-center study with two treatment cohorts, iliac lesion treatment and SFA/ PPA lesion treatment. Only the SFA/PPA lesion treatment cohort is applicable to the Pulsar stents (Astron Pulsar and Pulsar-18 Stent Systems).

Endpoints

Primary safety endpoint

• Freedom from procedure- or stent-related Major Adverse Events¹ (MAE) at 30 days post-index procedure

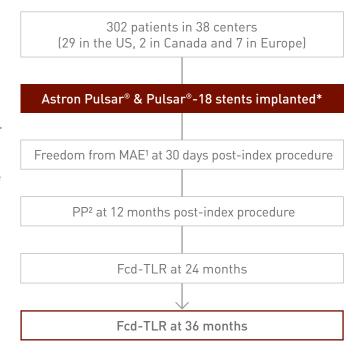
Primary efficacy endpoint

• The primary effectiveness endpoint for the Pulsar stent group is the Primary Patency² (PP) rate at 12 months (395 days) post-index procedure

Secondary endpoints (selected)

• Compare the primary and secondary endpoint results between evaluable subjects in the Pulsar stent group with lesions from 20 mm to 140 mm in length and evaluable subjects with lesions from 141 mm to 190 mm in length

n = 302	
67.3 ± 10.	3
123	40.7%
255	84.4%
245	81.1%
122	40.4%
48	15.9%
27	8.9%
124	41.1%
110	36.4%
17	5.6%
	67.3 ± 10. 123 255 245 122 48 27 124 110

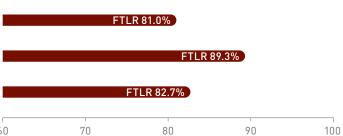


Lesion characteristics	n = 302	
Total occlusion	91	30.1%
Average lesion length (cm)‡	8.2 ± 4.7	
Lesion location		
Ostial SFA	2	0.7%
Proximal SFA	38	12.6%
Mid SFA	156	51.7%
Distal SFA	99	32.8%
Proximal popliteal	7	2.3%
Stent ratio per patient ⁸	1.22	
TASC ⁹ A	166	55.1%
В	106	35.2%
С	26	8.6%
D	3	1.0%



24-months outcomes of Pulsar-18

Study, Product	Manufacturer	A.L.L.	PP		
BIOFLEX-I ¹⁰ Pulsar	BIOTRONIK	8.2 cm	N/A		F
BIOFLEX PEACE ¹¹ Pulsar-18 – stent only	BIOTRONIK	8.2 cm	78.4%		
4EVER ¹² Pulsar	BIOTRONIK	7.1 cm	72.3%		
				1	



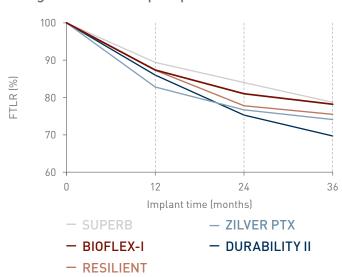
BIOFLEX-I outcomes confirm the excellent outcomes of BIOFLEX PEACE and 4EVER after 24 months

36-months outcomes in perspective

Study, Product	Manufacturer A.L.L.		TLR	
BIOFLEX-I ¹⁰ Pulsar	BIOTRONIK	8.2 cm	21.8%	
SUPERB ¹³ Supera	Abbott	7.8 cm	21.3%	
RESILIENT ¹⁴ Lifestent	BD/Bard	7.0 cm	24.5%	
ZILVER PTX ¹⁵ Zilver BMS provisional	Cook Medical	6.3 cm	25.9%	
DURABILITY II ¹⁶ EverFlex	Medtronic	10.9 cm	30.3%	

BIOFLEX-I results are similar to the results of other competitor stents

Long term FTLR in perspective



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^{1.} Major Adverse Event (MAE) is a composite of device and procedure related mortality through 30 days post index procedure, major target limb amputation and clinically-driven Target Lesion Revascularization (cd-TLR). MAE are adjudicated by an independent Clinical Events Committee (CEC); 2.Primary Patency (PP) is freedom from >50% restenosis in the target lesion as indicated by a duplex ultrasound peak systolic velocity ratio (PSVR) >2.5 or by visual; 3. Hypertension and Hyperlipidemia - requiring treatment with a prescription medication; 4. Cerebrovascular disease - carotid artery disease and history of stroke or TIA; 5. Congestive heart failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - legical failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure diagnosis; 6. Escharica failure - ejection fraction 40% or heart failure - ej