

Turbo-Elite laser atherectomy catheters

Peripheral over-the wire (OTW) catheters

Catheter diameter	0.9 mm	1.4 mm	1.7 mm	2.0 mm	2.3 mm	2.5 mm	2.3 mm	2.5 mm
Model number	410-152	414-151	417-152	420-006	423-001	425-011*	423-135	425-135
Vessel diameter	≥1.4 mm	≥2.1 mm	≥2.6 mm	≥3.0 mm	≥3.5 mm	≥3.8 mm	≥3.5 mm	≥3.8 mm
Max guidewire compatibility	0.014"	0.014"	0.018"	0.018"	0.018"	0.018"	0.035"	0.035"
Sheath compatibility	4F	5F	5F	6F	7F	8F	7F	8F
Max tip outer diameter	0.038"	0.055"	0.068"	0.080"	0.091"	0.101"	0.091"	0.101"
Max shaft outer diameter	0.047"	0.056"	0.069"	0.081"	0.091"	0.102"	0.091"	0.102"
Working length	150 cm	150 cm	150 cm	150 cm	125 cm	112 cm	125 cm	112 cm
Fluence (mJ/mm²)	30-80	30-60	30-60	30-60	30-60	30-45	30-60	30-60
Repetition rate (Hz)	25-80	25-80	25-80	25-80	25-80	25-80	25-80	25-80

*425-011 is not compatible with Philips Laser System

Peripheral rapid exchange (RX) catheters

Catheter diameter	0.9 mm	1.4 mm	1.7 mm	2.0 mm
Model number	410-154	414-159	417-156	420-159
Vessel diameter	≥1.4 mm	≥2.1 mm	≥2.6 mm	≥3.0 mm
Max guidewire compatibility	0.014"	0.014"	0.014"	0.014"
Sheath compatibility	4F	5F	6F	7F
Max tip outer diameter	0.038"	0.057"	0.069"	0.080"
Max shaft outer diameter	0.049"	0.062"	0.072"	0.084"
Working length	150 cm	150 cm	150 cm	150 cm
Fluence (mJ/mm²)	30-80	30-60	30-60	30-60
Repetition rate (Hz)	25-80	25-80	25-80	25-80



Scan this QR code for additional product details and ordering information.

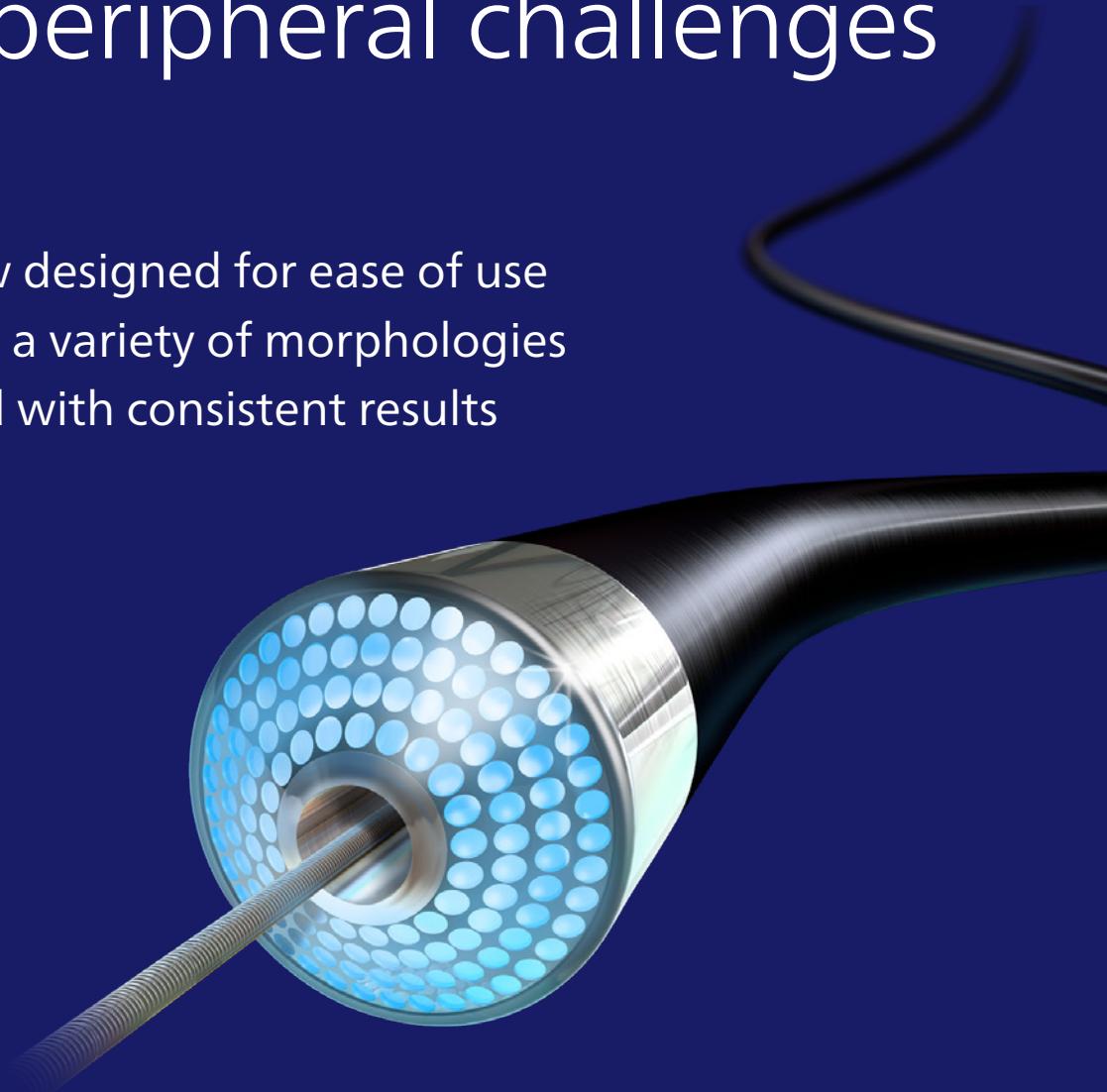
References

1. Turbo-Elite IFU: 7030-0624_B.
2. Dippel EJ, Makam P, Kovach R, et al. Randomized controlled study of excimer laser atherectomy for treatment of femoropopliteal in-stent restenosis: initial results from the EXCITE ISR trial (EXCimer Laser Randomized Controlled Study for Treatment of FemoropoplITEal In-Stent Restenosis). JACC Cardiovasc Interv. 2015;8(1 Pt A):92-101.
3. Zeller et al. J Endovasc Ther. Photoablation using the turbo-booster and excimer laser for in-stent restenosis treatment: twelve-month results from the PATENT study. J Endovasc Ther. 2014 Feb;21(1):52-60.
4. Laird et al. Limb Salvage Following Laser-Assisted Angioplasty for Critical Limb Ischemia: Results of the LACI Multicenter Trial. J Endovasc Ther. 2006 Feb;13(1):1-11.
5. Dippel et al. Excimer laser recanalization of femoropopliteal lesions and 1-year patency: results of the CELLO registry. J Endovasc Ther. 2009 Dec;16(6):665-75.
6. Data on file D001750107_A

PHILIPS

Laser-driven confidence built for peripheral challenges

- Simple workflow designed for ease of use
- One solution for a variety of morphologies
- Evidence backed with consistent results



Turbo-Elite Laser Atherectomy Catheter

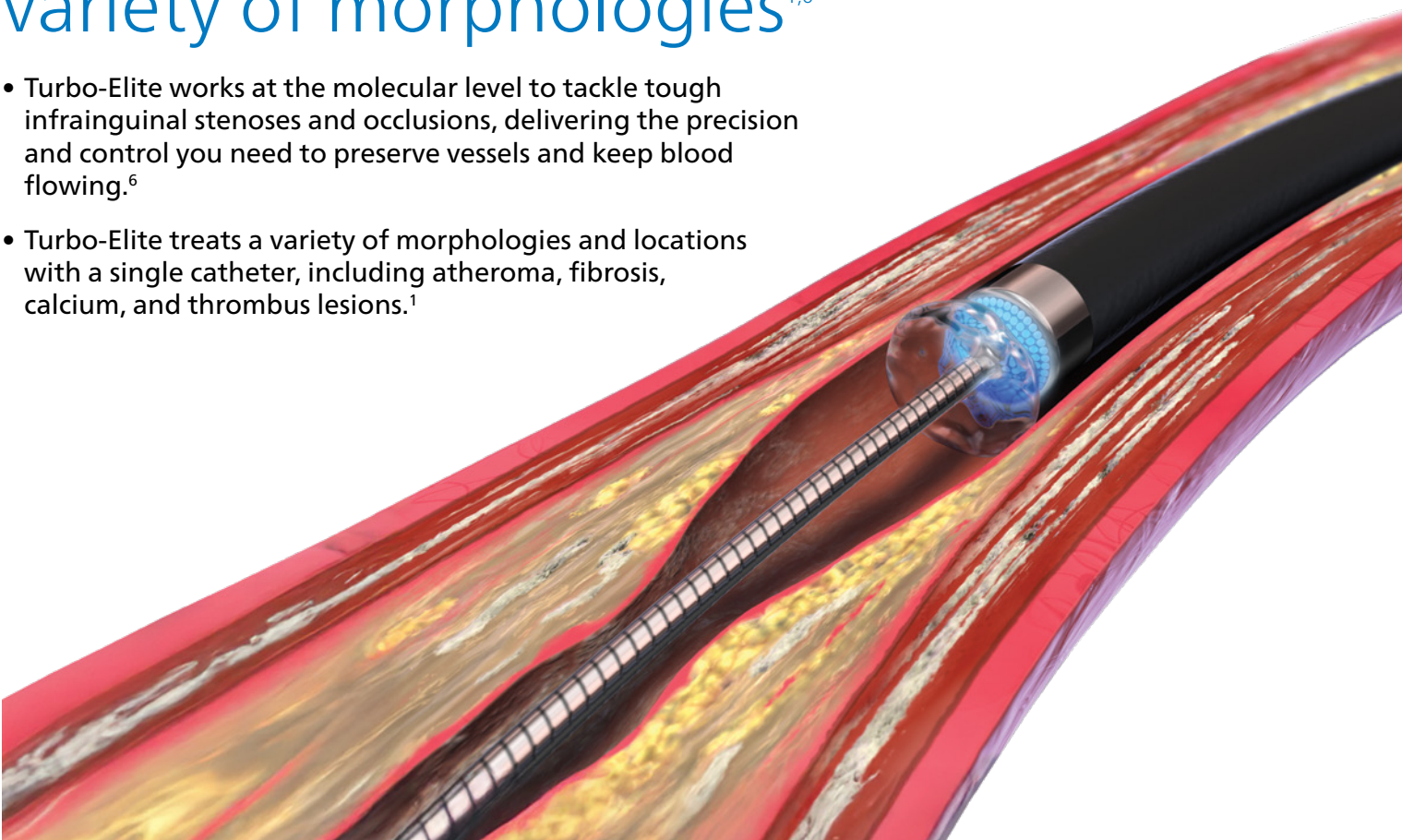
Simple workflow designed for ease of use¹⁻⁵

- Simply plug, calibrate and treat¹
- The proven step-by-step method enables the Turbo-Elite to cross challenging occlusions allowing the laser energy to remove the desired material.¹
- Turbo-Elite offers reliably simple operation with its safe and easy-to-use technology, allowing you to maintain laser-accurate control without moving parts or cutting blades.²⁻⁵



One solution for a variety of morphologies^{1,6}

- Turbo-Elite works at the molecular level to tackle tough infrainguinal stenoses and occlusions, delivering the precision and control you need to preserve vessels and keep blood flowing.⁶
- Turbo-Elite treats a variety of morphologies and locations with a single catheter, including atheroma, fibrosis, calcium, and thrombus lesions.¹



Evidence backed with consistent results^{2,4,5}

- Turbo-Elite demonstrates a favorable efficacy profile, with consistent clinical results supporting limb salvage and treatment of lesions above and below the knee.²

Trial	Design	Population	Sample size	Endpoints	Results
LACI ⁴	Multicenter, prospective, non-randomized	Patients with CLI, poor surgical candidates	155 limbs in 145 patients	Limb salvage at 6 months	93% limb salvage at 6 months; 86% procedural success (<50% residual stenosis in all treated limbs)
CELLO ⁵	Multicenter, prospective, non-randomized	Femoropopliteal lesions	65 patients	Acute procedural success; 6-month patency	Mean stenosis improved from 77% to 34.7% after laser ablation and to 21% with adjunctive therapy, with 76.9% freedom from revascularization at 1 year.