

CLA Catheter Specification

	LS300-25	LS300-20	LS300-12
Target Vessel	Femoropopliteal Arteries	Femoropopliteal & BTK Arteries	BTK Arteries
Guidewire	0.018 in	0.018 in	0.014 in
Catheter Length	120 cm	150 cm	150 cm
Catheter Ø	2.5 mm	2.0 mm	1.2 mm
Sheath Size	8F / 7F	6F	5F
Target Vessel Ø	≥3.5 mm	≥3.0 mm	≥1.8 mm



Company Information

 Address:

Room 511-A, 5th Floor, Block B, Building R2,
High-tech Industrial Park, No. 020, South Seventh Road,
Gaoxin Community, Yuehai Street, Nanshan District,
Shenzhen, 518063 Guangdong, P.R. China.

 Website:

www.vivolight.com

 Email:

sales@vivo-light.com

 Tel:

+86-755-86961139



FastEraser

CLA-355

COLD LASER ATHERECTOMY SYSTEM

Confidence in Complex

355 nm solid-state cold laser
atherectomy for complex
lower-limb vessel preparation



355 nm · 15 ns · 40/50/60 mJ/mm²

First-in-man Clinical Results

1 Lumen Gain



First-in-man study reported progressive lumen enlargement after laser ablation and adjunctive DCB.

4 Complex Lesions

Clinical performance in complex lesion subsets.



TASC C/D lesions

Freedom from TLR at 6 months
100%



Lesions ≥10 cm

Freedom from TLR at 6 months
100%

2 6-Month Primary Patency



3 Low Rate of Acute Complications

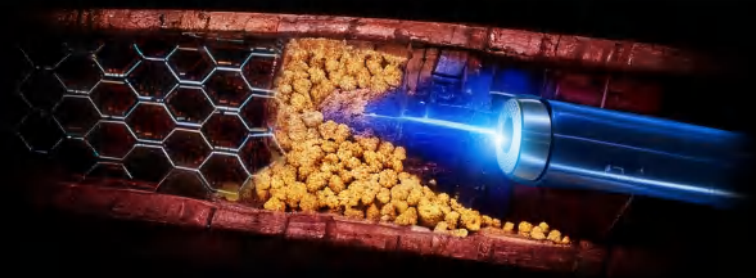
- No reported thrombosis
- No reported distal embolization
- No reported perforation
- No reported major amputation or mortality at 6 months

Restore | Recanalize | Reach

A 355 nm Cold Laser Platform for Complex Lesion Preparation

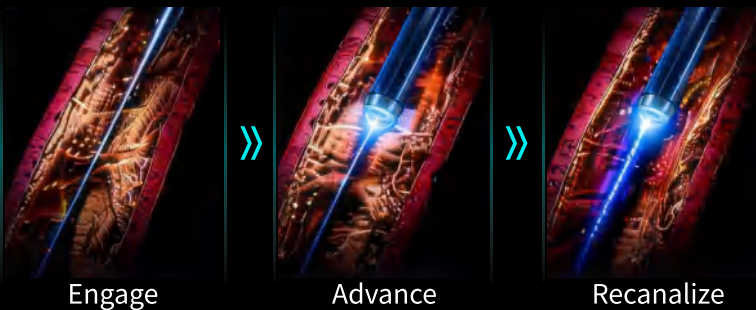
ISR

Debulk →
Durable Patency



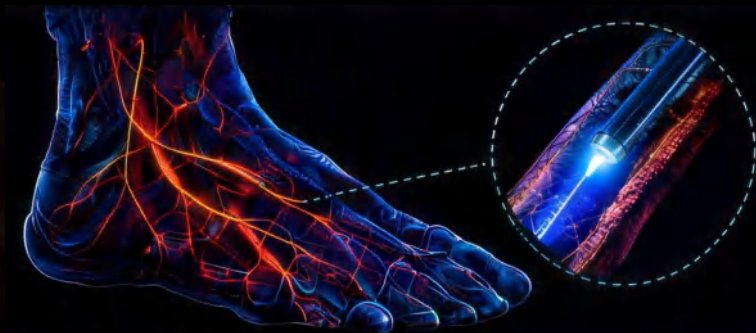
CTO

Modify Plaque →
Reliable Recanalization



BTK Lesions

Preserve →
Distal Flow



Why Choose 355 nm CLA ?



Selective Ablation
3.5 eV photochemical ablation.
Minimize vessel wall injury.



Micro Debris
Particles <25 μm.
Reduced embolic risk.



Nanosecond Pulse
15 ns short laser pulse.
Reduced thermal diffusion.



Solid-State Laser
No gas. No calibration.
Lower maintenance costs.



Selected clinical evidence includes:

Wang H, Guo L, Zhang Y, Zhu R, Guo J. First in man: a novel 355 nm laser plaque ablation system for peripheral artery disease. Lasers Med Sci. 2025;40(1):235. doi:10.1007/s10103-025-04490-z.
Wang H, Qin J, Liu C, Gao X, et al. Cold Laser vs Excimer Laser in Lower Limb Atherosclerosis: A Prospective Multicenter Randomized Trial. JACC Cardiovasc Interv. 2026;19(8):1021–1035. doi:10.1016/j.jcin.2026.02.036.

PRECISION ENERGY. PROVEN SAFETY. BETTER OUTCOMES