

NEW IN
2007

“A New Revolution in the Treatment of Varicose Veins.”

- Alan Lumsden, MD
Houston, TX

“As fast as laser, with the rapid and mild patient recovery you expect from RF.”

- Jose Almeida, MD
Miami, FL

“Simplified energy delivery combining the advantages of RF with the speed of laser.”

- Thomas Proebstle, MD
Heidelberg, Germany

NEW, FASTER, EASIER

VNUS[®] ClosureFAST[™] Radiofrequency Catheter

- New 'segmental ablation' approach treats 7 cm vein segment in 20 seconds
- 45 cm vein length typically treated in 3 to 5 minutes
- Temperature-controlled energy delivery
- Uniform treatment with no pullback speed variation
- Works with existing VNUS RFGPlus[™] generators after software upgrade

www.closurefast.com



VNUS[®]
MEDICAL TECHNOLOGIES, INC.

VNUS® ClosureFAST™ Catheter

Overview of Segmental Ablation Procedure

Procedure Speed Comparison (45 cm vein length)

ClosurePlus™	85°C	18-24 min
ClosureFAST™	120°C	3-5 min
810nm laser	10-14 W	3-5 min ¹
1320nm laser	8 W	7.5 min ²

References:

- ¹ EVLT® – Compare Alternatives; Diomed website 12/19/06
- ² Proebstle, et. al., Abstract at ACP 18th Annual Congress (2004)

Technology Features

- Compatible with VNUS RFGPlus™ radiofrequency generators after software upgrade
- Temperature-controlled energy delivery
- Lubricious outer jacket on heating element for easy re-positioning
- Recommended sheath: 7F, 11 cm
- No saline drip required

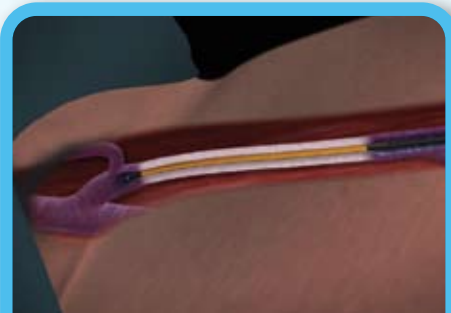
Similarity of Fibrotic Sealing Mechanism with ClosurePlus



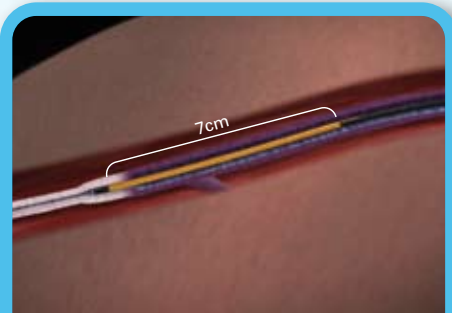
ClosurePlus: Goat saphenous vein at 6 weeks after ablation.



ClosureFAST: Goat saphenous vein at 12 weeks after ablation.



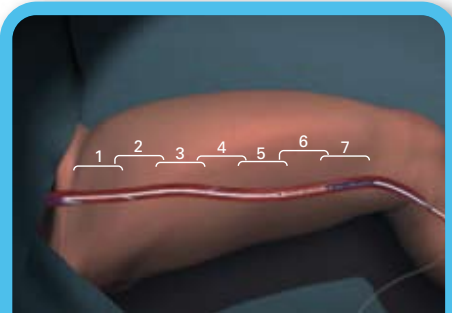
1. Catheter tip positioned at the ostium of the superficial epigastric vein. Tumescence infiltration is administered.



2. 7 cm vein segment treated all at once during 20-second treatment cycle. Additional vein segments treated serially.



3. Catheter shaft markings allow fast and accurate catheter re-positioning between treatment cycles. No energy is delivered during re-positioning.



4. Treatment of 45 cm vein length takes 3 to 5 minutes (seven treatment segments).

ClosureFAST Ordering Information

Order#	Description	Working Length	Heating Element Length	Compatible Guidewire
CF7-7-60	7F ClosureFAST catheter	60 cm	7 cm	0.025"
CF7-7-100	7F ClosureFAST catheter	100 cm	7 cm	0.025"

➤ To order, call toll free: 1-888-797-VEIN (8346)

