

VascuLife™  
EVLA By Alma

The only solution with  
a precise robotic fiber  
pullback system



*VascuLife™ is changing the endovenous treatment standard by providing the safest and most effective varicose vein solution available.*

*VascuLife features a unique robotic fiber pullback system as well as a 1470nm radial emitting diode for complete and accurate treatment of great and small saphenous veins (GSV, SSV).*

VascuLife™  
EVLA By Alma

### About Alma Laser Surgical

Alma Surgical is the new standard in pioneering, smart laser solutions, and the bridge to highly specialized outpatient medical care. From gynecology, urology and phlebology to plastic surgery and dermatology, the company's minimally-invasive laser solutions provide superior results and reduced treatment time, for safer and more efficient practice and patient care. Alma Surgical is a division of Alma Lasers, a global innovator of laser, light-based, radiofrequency and ultrasound solutions for the aesthetic and surgical markets.



The New Minimally  
Invasive Varicose Vein  
Laser Treatment with  
Robotic Pullback

PBVLI311402 REV01

Alma Lasers | Surgical



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[www.almasurgical.com](http://www.almasurgical.com)

[contact@almasurgical.com](mailto:contact@almasurgical.com)

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Surgical Division



## Shorter Procedure Time

The robust VascuLife system pulls back the optical fiber during varicose vein treatment in a steady, precise and continuous manner, freeing surgeons from the tedious physical labor required for pullback.

Physicians can monitor the fiber's course along the vein, controlling the pace and progress of the treatment while simultaneously treating other smaller varicose veins, substantially shortening procedure time (by one-third on average).



VascuLife System With Robotic PullBack

## Robotic Pullback Device

Game-changing unique safety features



**Time-saving adjustable pullback speeds** adjustable for 1, 2, 3, or 4 mm/sec based on vein diameter



**Automatic "Pull & Cool" model** - new treatment modality allowing for pre-set "cooling" breaks at 1 cm intervals



**Robust pullback mechanism** - actively overcomes vein locking



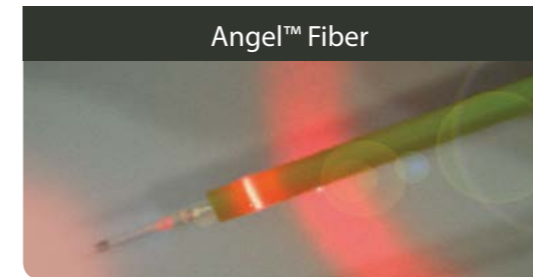
**Vein collapse protection** - ceases pullback action and initiates a 'standby' mode when it cannot resolve a pullback setback



**Cost savings** - compatible with the standard grey 'Venflon' accessory; no need for dedicated introducer

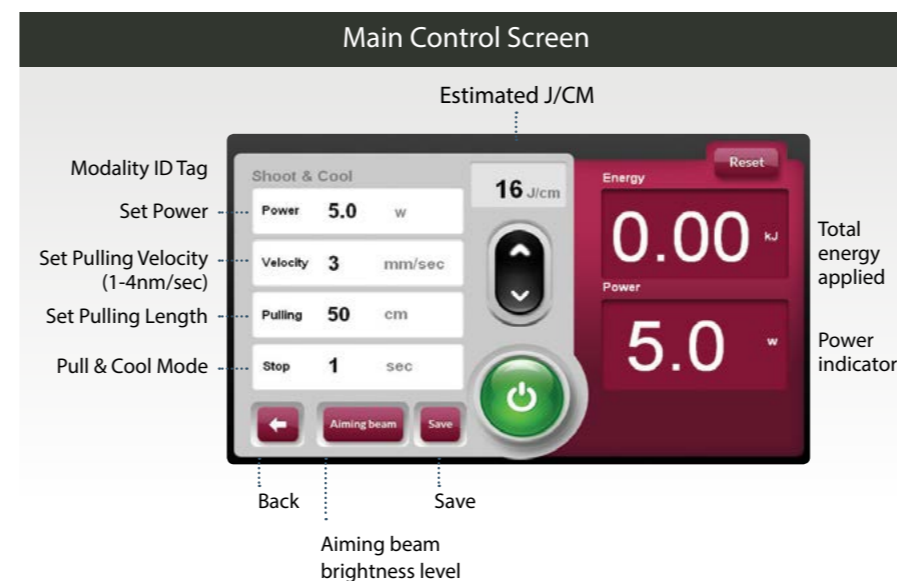
## The 360° Advantage

The unique Angel™ fiber design with 360° emission delivers 1470nm laser energy directly into the venous wall ensuring homogenous ablation, immediate sealing of the vein and faster wound healing, with reduced risk of perforations, pain and bruising.



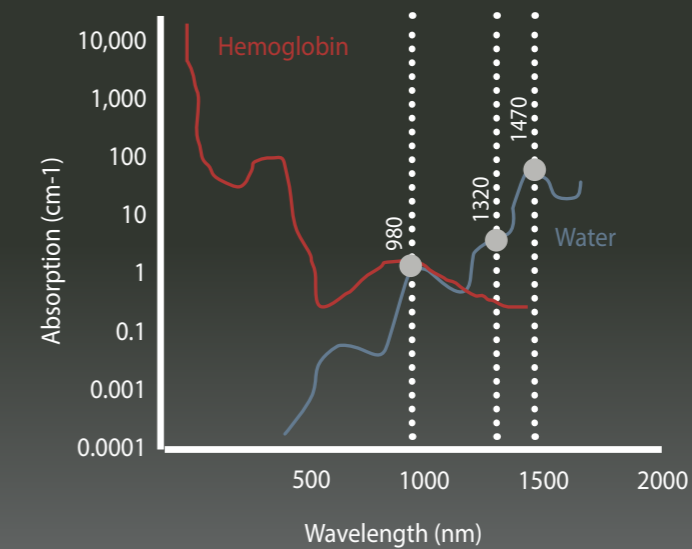
## Full Visualization and Control

On-line visualization and control software provides automatic, continuous and complete real-time feedback during the procedure, allowing physicians to control the fiber movement within the vein and monitor the pullback speed as well as the distance accomplished.



## Optimum Wavelength

Unlike wavelengths used in other endovenous laser ablation (EVLA) treatments which are absorbed by both water and oxyhemoglobin, VascuLife uses the 1470nm wavelength which demonstrates a greater water absorption coefficient. This allows for optimal ablation of the vein wall, with less bruising and a lower re-canalization rate than alternative methods such as radio frequency. The wavelength is ideal for EVLA using tumescent techniques.



# Outstanding Clinical Results



Before



After



Before



After

Photos are courtesy of Prof. Samy Nitecki

## VascuLife Accessories

The VascuLife system with robotic pullback uses standard accessories, thereby reducing procedural costs. With no need for a guide wire, physicians can simply deploy a standard Venflon throughout the procedure.