

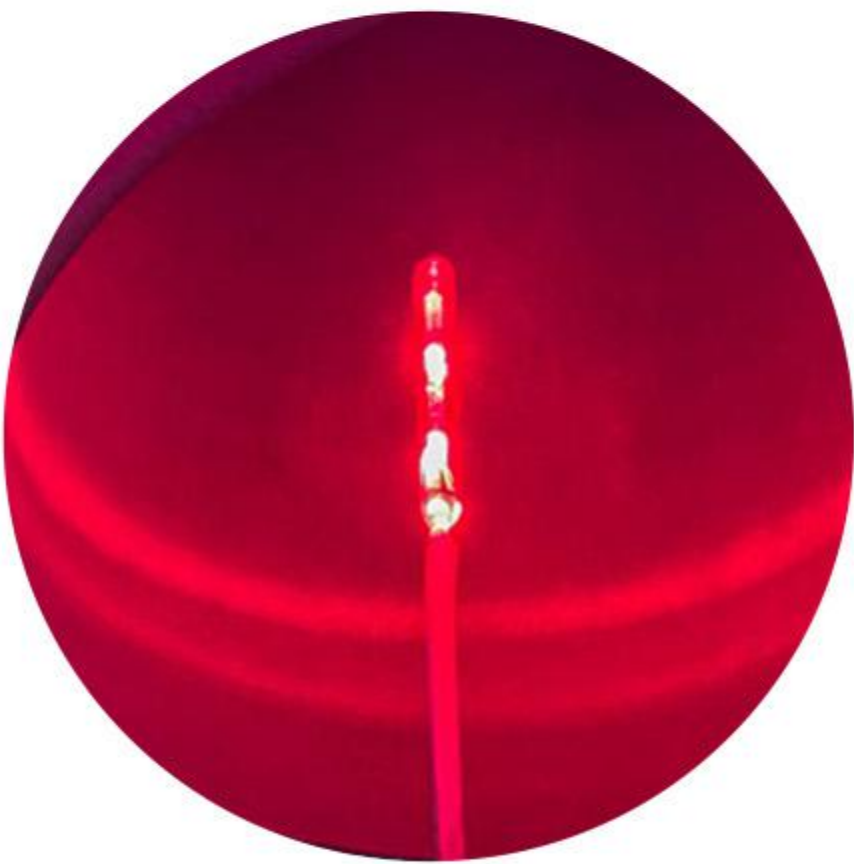
# DUAL RINGS RADIAL FIBER

2ring radial Fiber

New  
for small  
veins  
<10mm

a simple retraction technique (possible with  
the push of a button)  
  
optimal, homogeneous radiation on the vessel  
wall (even with a large diameter >15 mm)

a low energy density in each ring  
  
a perfectly centered fiber tip due to  
the pre-shrinkage effect



The evolution  
continues  
HAPROS  
2ring

- In terms of medical treatment, it can be used in the field of vascular therapy, such as ablation therapy; In the field of anorectal treatment, such as anal dysentery treatment, hemorrhoids treatment, etc., the light end is treated with a special process, and the double ring light can improve the quality of the light, with better treatment effect and higher efficiency
- The dual-phase radiation with the HAPROS 2ring fiber is the best choice for a perfect result, not only for experienced physicians but also for new users who demand efficient, safe, and easy-to-use technology



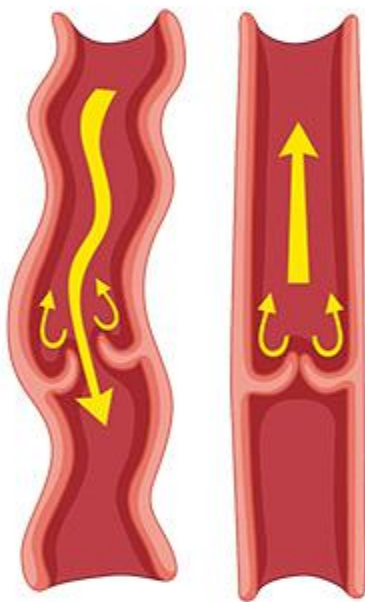
## Applications

- Vena saphena magna
- Vena saphena parva
- Tributary veins
- Perforator veins
- Recurrences
- Ulcus cruris venosum

for use with 1470 nm and 1940 nm only

## Advantages

- 360-degree launch
- Homogeneous energy
- Distribution
- Reduced adhesion
- Improve patient comfort
- Adaptable to a wide range of applications



Products name	Fiber optic filament material	Core	NA	Transmission wavelength	ø fiber tip [mm]
2ring radial Fiber	quartz	400/600µm	0.22	400-2500nm	1.3/1.6/1.8