

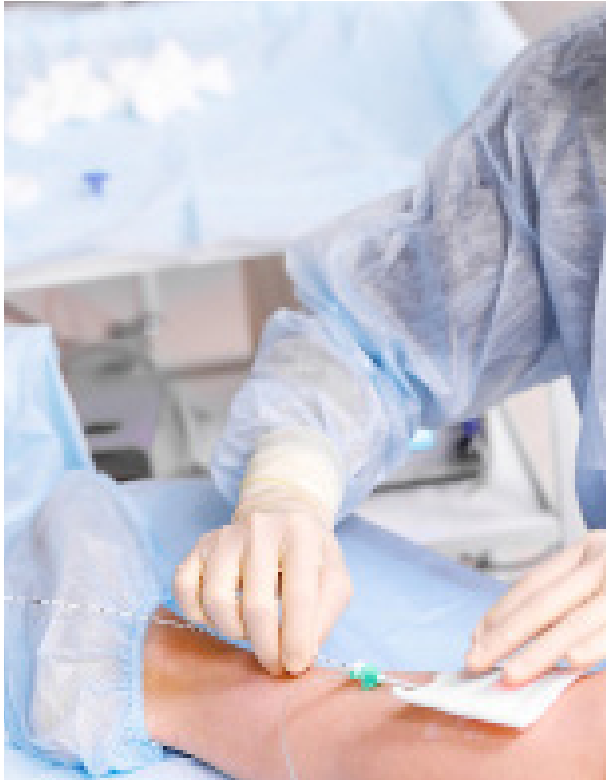


Founded in 2002, LSO Medical is a French company based in Loos, pioneer and expert in the Endovenous Thermal Therapy field.

With more than 20 years' experience, LSO Medical has become a **key player** in the design, production and marketing of **medical laser systems**.

Constantly aiming at exploiting and bringing technological innovations to doctors and their patients, LSO Medical is today **one of the world leaders** in the endothermic laser technique through :

- > its key involvement in the technology development with a large number of national and international patents filed
- > a sustained activity in clinical research for the development, validation and optimization of products and surgical protocols



EVOLUTION OF THE ENDOVENOUS THERMAL ABLATION TECHNIQUES FOR VARICOSE VEINS

The last years have been marked by the emergence of **new endovenous thermal techniques** for the treatment of varicose veins, approved by the international guidelines (AVF 2011, NICE 2013, ESVS 2015).

Among the endothermic treatments, the **Endovenous Laser Treatment (EVLT)** is quickly becoming the **gold standard** in the treatment of venous insufficiency.

WHY CHOOSE THE ENDOVENOUS LASER TREATMENT ?



Unique and unrivaled properties

- › The accurate targeting of the Endovenous Laser and the absence of a need for a fiber-vein contact allow a **high precision** and **reproducibility** in the treatment, as well as a **large range** of indications.

Endovenous laser treatment is indicated for :

- The small and the great saphenous vein
 - Perforating veins
 - Veins with a diameter from 4 mm, even with a large diameter (> 20 mm)⁽¹⁾
- › By its property of being **minimally invasive**, EVLT is performed on an outpatient basis and under local anesthesia.



Clinically validated

- › More than **15 years** of scientific background in terms of efficacy and safety.
- › Success rate on 4876 legs⁽²⁾: **94% for the EVLT** (vs 84% for RFA, 77% for sclerotherapy and 78% for surgery respectively on 2514, 2126 and 2804 legs).



Optimal patient comfort

- › Post-operative consequences with EVLT are **limited** : no scars, no post-operative pain, no downtime.
- › The patient can **walk immediately** and resume their activities very quickly.

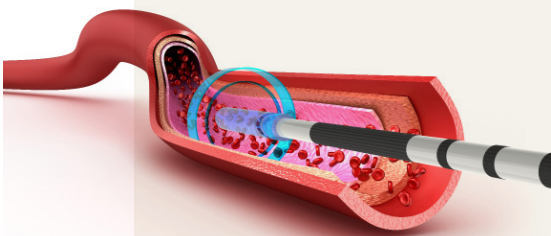
⁽¹⁾ Dabbs et al. 2015 ⁽²⁾ Van den Bos et al. 2009

THE ENDOTHERME™ 1470 & THE RINGLIGHT RADIAL FIBERS



Resulting from a great technological outcome, LSO Medical proposes the **Endotherme™ 1470** and its **Ringlight fibers** which guarantee both optimal efficacy, long-term occlusion rate and optimized post-operative comfort.

The Ringlight radial fiber

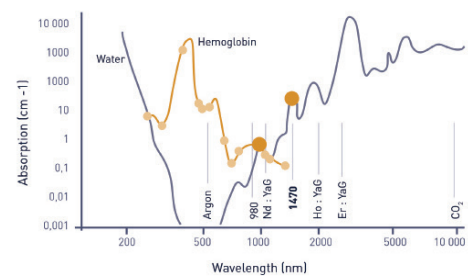


The Ringlight radial fiber emits a radial emission that leads to a homogeneous destruction of the vein wall exclusively.

The Ringlight radial firing fiber, with the encapsulated tip, smooth and atraumatic, avoids perforations of the vein wall when the fiber is introduced.

High technology achievement

The operation of the EVLT consists of the delivery of light with a wavelength of 1470 nm, inside the vein.



- › The 1470 nm wavelength light is **highly absorbed** by the water present in the vein wall, not on the outer tissues.
- › The **local elevation of temperature** on the vein wall induces a denaturation of the proteins, a reduction of the venous diameter and an adhesion of the vein walls, leading to the **definitive closure** of the vein.

LSO Medical is your partner to accompany your new EVLT activity!

- › Evaluation of equipment requirements and financial engineering
- › Initiation and continuous learning within Training Centers and interaction with expert physicians
- › Equipment installation and assistance for the first laser procedures with Application Engineers



THE KEY VALUES of LSO MEDICAL

Research & innovation



- › LSO Medical's focus is to continuously improve its products, in order to increase their efficacy, their security and their ergonomics.
- › LSO Medical puts the end users at the center of its concerns. Therefore, the company attaches a great importance to collaborating with physicians in order to develop equipment that meets their expectations.
- › LSO Medical relies on a creative and innovative R&D team to develop new products. The company works in a close partnership with French research institutes, such as CNRS or INSEI

Customer satisfaction



- › Committed to customers satisfaction, LSO Medical is dynamic, responsive and available for its clients.
- › Thanks to international distributors, the French company offers worldwide support in the implementation of new laser activities, through requirements evaluation, financial engineering and trainings.
- › The rigorous control of their production costs allows LSO Medical to be competitive on the international market, by offering attractive prices for its equipment and disposables.

Quality & performance



- › LSO Medical is focused on quality, all along its process, from the conception of the medical devices to the after-sales service.
- › Made in France, the products are compliant with the international standard ISO 13485.
- › LSO Medical's equipment has also the most rigorous registration approvals (CE mark, UKAS, FDA, KFDA, PMDA) at international level.

- › **More than 100 000 laser procedures performed with LSO Medical's equipment**
- › **International presence in more than 50 countries**



LSO Medica



Interested in LSO Medical's equipment and services ?

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