

# PRESS RELEASE



**biolitec biomedical  
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[www.biolitec.de](http://www.biolitec.de)

## **New FUSION® technology by biolitec®: Unique quality and safety with medical laser therapies such as ELVeS Radial™**

**biolitec® introduces unique FUSION® technology for the ELVeS Radial zring™ fibers for varicose vein treatment and all other biolitec products – quality and high-tech provided for utmost safety of laser treatments with biolitec products**

Jena, 14. July, 2015 – biolitec®, worldwide leading specialist in the field of medical laser treatments, introduces its new and unique FUSION® technology. FUSION® provides physicians with the safest medical fibers on the market today, ensuring high-tech laser treatments for the patients' wellbeing.

Especially the fiber products of the ELVeS Radial™ line have already proven themselves as the most gentle and effective alternative to traditional treatments of varicose veins. In the field of medicine maximum safety is crucial, in particular with regard to medical laser applications. Thanks to the innovative FUSION® technology the treatment of varicose veins with ELVeS Radial™ and the ELVeS Radial zring™ fiber was further refined: With FUSION®, the silica glass fiber caps are fused to the fiber instead of just glued. That way they resist even the highest temperatures and mechanical strains.

What may seem like a small detail is vital for the patients' safety: When using fibers of low quality, the risk of losing the fiber cap is significantly increased. A lost fiber cap has to be removed during an emergency operation, which again exposes the patient to additional risks, side effects, and pain.

As with all minimally invasive laser procedures by biolitec®, the ELVeS® laser therapy for the treatment of varicose veins can be performed with almost no side effects. What distinguishes the ELVeS Radial zring™ fiber from other laser treatments is that this endoluminal treatment has a 2-

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phase radiation. This allows for an optimal homogenous radiation to the vessel wall, yet with less energy density of each ring.

Regardless of which medical field a biolitec® laser procedure is used in, all therapies are characterized by their high quality standards and maximum safety. Besides ELVeS® for the treatment of varicose veins, the same quality standards also account for LHP® and FiLaC® for the treatment of hemorrhoids and fistulas, for LIFE™ for prostate issues and for HOLA™ for the treatment of myomas. With minimally invasive treatments developed by biolitec®, patients may generally be able to get back to their daily businesses quicker than after traditional treatments.

## **About biolitec:**

biolitec is one of the leading companies worldwide in the field of medical laser treatments and the only provider that possesses all relevant core competencies – photosensitizers, laser devices and optical fibers – in the field of photodynamic therapy (PDT). Besides laser-based treatment of cancer with the drug Foscan®, biolitec primarily researches on minimally-invasive and gentle laser treatments and markets them. ELVeS Radial™ (Endo Laser Vein System) is the most often used laser system worldwide for the treatment of varicose veins. In combination with the Ceralas® HPD laser, the innovative contact fiber XCAVATOR® enables a gentle treatment of e.g. benign prostatic hyperplasia (BPH) in urology. The new LEONARDO® diode laser by biolitec® is the first universally applicable medical laser which features a combination of two wavelengths, 980nm and 1470nm, and is suitable for interdisciplinary use. Gentle laser treatments in the fields of proctology, ENT, gynecology, thoracic surgery as well as pneumology also belong to the business field of biolitec. Further information at [www.biolitec.com](http://www.biolitec.com).

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