

**Press release**  
**November 11th, 2011**

## **Saturn Side Fiber® - Our trademark probe for endovenous treatment**

*Rheinbach – The LightGuideOptics Group is one of the leading manufacturers of medical probes in the world. With respect to our customers we are positioning ourselves with a trademark for the Saturn Side Fiber® on the market of phlebology. This medical fiber has a radial emission and is used for the endovenous laser treatment of the vena saphena magna and the vena saphena parva at patients with insufficiency of their veins. This method enables a more efficient and less painful therapy of the patients. With its 360° radiation and an optimized treatment, the Saturn Side fiber is a future oriented development for medical applications in the field of phlebology. The fiber is excellently qualified for a usage in a wavelength range of 980 nm and 1470 nm.*

Based on scientific research, the minimal-invasive laser procedure replaces all previous therapy possibilities as stripping-method, foam obliteration and radio wave catheter. The advantages are multisided:

- Assured closure of the veins through efficient 360° radiation
- Faster guidance of energy through directed laser irradiation
- Easier treatment in comparison with traditional surgery
- Faster treatment because of local anaesthesia
- Painless therapy through minimal point of puncture
- No post-operative adverse effects
- First-class cosmetically result without grains
- Patient is able to walk without pain just 3 hours after medical treatment

The Saturn Side Fiber® has become more and more popular at LGO customers. Not just doctors and hospitals refer to the successful treatment and to happy patients, but also laser producers increasingly find out the sales possibilities of this fiber. With the marker tube that encloses the fiber, LGO has integrated an additional help for the treating doctor.

„With our Saturn Side Fiber® we want to contribute to an improved medical treatment for the patients. Moreover we want to offer to our customers an additional opportunity on the market“, explains the head of Engineering of LightGuideOptics, Hermann Tondorf.

LightGuideOptics Germany GmbH manufactures successfully silica silica fibers, cables, bundles and laser delivery devices for applications in industry and medicine. The company is DIN EN ISO 13485 certified.

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# BUNDESREPUBLIK DEUTSCHLAND



## URKUNDE

über die Eintragung der Marke

Nr. 30 2011 042 846

Az.: 30 2011 042 846.8 / 09

**Saturn Side Fiber**

**Markeninhaber/in:**

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**Tag der Anmeldung:** 04.08.2011

**Tag der Eintragung:** 25.10.2011

Die Präsidentin des Deutschen Patent- und Markenamts

*Rudloff-Schäffer*

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