



PRESS RELEASE

Franziskus Hospital, Berlin is training doctors on the Ceralas®HPD Dual laser system from biolitec for prostatic hyperplasia

A minimally invasive, gentle laser system from biolitec for the treatment of BPH is in use at the Franziskus Hospital in Berlin – TWISTER™ fiber from biolitec for working with the contact method – Innovative laser from biolitec is the first urological laser in the world with two parallel wavelengths – Training with the biolitec laser system is also in demand internationally

Jena, 6th June 2013 – What is meant by benign prostate hyperplasia (BPH) is a non-cancerous increase in the size and number of cells that make up the prostate. This occurs predominantly in the second half of life in men. The symptoms for such a disease are, among other things, a weakened urinary stream or increased time for emptying the bladder. The patients affected have severe problems in managing their day-to-day life and peace at night is disturbed. A feeling of loss in the quality of life is the consequence.

At the Franziskus Hospital in Berlin, benign prostate hyperplasia is treated with the modern Ceralas® HPD Dual laser. Selective light vaporization is used in the treatment with the laser system from biolitec in order to remove excess soft tissue gently. As a result of the high level of absorption of the laser system in water, the laser beam is prevented from being emitted in the bladder and/or other regions that are not meant to be treated. The Ceralas® HPD Dual is the first urological laser in the world with two parallel wavelengths of 1470 nm and 980 nm. In combination with the new, patented TWISTER™ fiber, the biolitec laser system ensures that there is only minimum or no post-operative bleeding or bleeding during surgery as well as conservation of the surrounding tissue that is favorable for expeditious convalescence. The TWISTER™ contact fiber permits a laser-TUR to be provided in an extremely efficient manner. The patented design of the glass tip gives the user direct and tactile feedback on the surface to be removed and vaporized and simplifies the modeling of the tissue. The glass tip ensures consistent performance and the best results. In fact, larger prostate glands can be treated within a short period of time.

The laser achieves high ablation rates of 3 grams / minute and leads to a smaller but effective coagulation zone as a result of which possible side effects are minimized. The treatment can be administered in the OPD (Out-patient Department) and working in contact mode is possible. "The patient benefits from a short time period of catheter insertion and excellent haemostasis. Moreover, it becomes possible to provide optimal nursing care to high-risk patients" explained Dr. Ruffert, the senior physician, and Prof. Dr. Beer, the Chief Medical Director of the Urological Clinic. Compared to conventional operations, laser therapy for benign prostate hyperplasia is a less traumatizing and rather painless and comfortable alternative.



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Apart from laser-aided treatments, the Franziskus Hospital in Berlin also offers training for using the innovative Ceralas® HPD Laser of biolitec safely for treating benign prostate hyperplasia. The training sessions are also attended by medical doctors from Japan, England, France, USA, Russia and other countries.

About biolitec®:

biolitec® AG is one of the leading companies worldwide in the field of medical laser treatments und the only provider that possesses all relevant core competencies – photosensitizers, laser devices and optical fibres – in the field of photodynamic therapy (PDT). Besides the laser treatment of cancer with Foscan®, biolitec® primarily researches on minimally-invasive and gentle laser treatments and markets them. ELVeS Radial™ (Endo Laser Vein System) is the laser system most often used worldwide for the treatment of varicose veins. Ceralas® HPD laser therapy enables a gentle treatment of e.g. benign prostatic hyperplasia (BPH) in urology. Gentle laser treatments in the fields of proctology, ENT, orthopaedics, gynaecology as well as ophthalmology also belong to the business field of biolitec®. Further information at www.biolitec.com.

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