

JenaSurgical by Asclepion presents the new MultiPulse HoPLUS holmium laser system

Introduction of the next generation holmium laser by JenaSurgical – the MultiPulse HoPLUS Laser system convinces with its great flexibility and efficiency in urological surgery – High power and repetition rate for outstanding fast procedures – Gold standard for both cutting soft tissue as well as stone treatments – Optional integrated MultiCut morcellation module – Different upgrades available – Convenient footswitch for a rapid workflow

JENA, Germany, July 1st, 2019 – JenaSurgical is Asclepion Laser Technologies GmbH's successful brand for laser devices used in general surgery and precision microsurgery in various fields such as urology, gynecology or oncology. The constant development of new technologies has made Asclepion an outstanding company in the optical industry. Asclepion hereby announces the launch of its second generation of the MultiPulse HoPLUS line, the MultiPulse HoPLUS Single Phase. After the successful introduction of the Three Phase device in 2016, JenaSurgical now sets new standards again, offering further improvements and numerous advantages with the newest addition to its product portfolio.

MultiPulse HoPLUS – When powerful versatility meets unmatched precision

The MultiPulse HoPLUS is a high power holmium laser device characterized by great flexibility and efficiency. It is ideal for both surgical treatment of benign prostatic hyperplasia (BPH) and endoscopic treatments for lithotripsy. The MultiPulse HoPLUS convinces with its range of unique features: It is the first laser on the market with a maximum of 100 Hz, it delivers the longest pulses on the holmium laser market and guarantees reduced operating time thanks to its high levels of energy (up to 150 W). At the same time, the MultiPulse HoPLUS works extremely effectively and ensures delicate cutting procedures with an excellent hemostatic effect.

Versatility in Urology – the MultiPulse HoPLUS applications

The MultiPulse HoPLUS is undoubtedly the most versatile laser system for urology. It offers a wide set of applications ranging from treatment of strictures (urethrotomy) or bladder neck incision (BNI), but also being universally recognized as the gold standard in endoscopic lithotripsy for stone fragmentation and pulverization, regardless of their composition and anatomical location.

In general, the MultiPulse HoPLUS high power holmium laser is perfectly suited for surgical procedures including soft tissue thanks to its range of settings like EPS (Enhanced Power Setting) for unmatched results during HoLEP treatments and its long pulses (up to 1700 µs) for multiple tissue interactions.

Thanks to its high repetition rate of 100 Hz, this system is also the ideal choice for lithotripsy. All stones can be treated regardless of their hardness or composition. The MultiPulse HoPLUS enables the full spectrum of stone management techniques, both dusting and fragmentation.

MultiCut Integrated morcellation module

The MultiPulse HoPLUS laser system can contain an optional integrated morcellation module, the MultiCut, which allows the morcellation of enucleated adenoma within the bladder to be performed very quickly. Thanks to the peristaltic pump, the aspiration is highly efficient and additionally ensures a maximum of safety and protection against unintended bladder wall injuries. The blade with a specific length of 350 or 400 mm comes with an optimized cutting geometry: The teeth are on the outer blade in order to have a better “grip” onto the tissue. This not only makes the treatment safer and more controlled, but also speeds up the procedure.

Upgradable system for your flexibility

The MultiPulse HoPLUS is, thanks to its upgrade options, the most versatile system on the market. The basic option with 100 Hz and 100 watts is upgradable with the POWERKIT⁵⁰, which offers an additional 50 watts of power. The ultimate power of 150 watts makes the MultiPulse HoPLUS even more effective in its short operation time that it is already known for. Having the option to upgrade in an easy and fast way at any time allows the doctor to get to know the laser system and his operation needs first and adjust accordingly when required – for maximum flexibility in laser surgery.

Rapid workflow with easy to use footswitch

The dual pedal, wireless footswitch allows the surgeon to select the required mode without changing the laser fiber and without looking away from the operating field, e.g. for cutting and coagulation. There is a yellow pedal (left) for cutting with the laser and aspiration with the optional integrated morcellator and a blue pedal (right), which can activate coagulation with the laser itself or aspiration and morcellation simultaneously with the optional morcellator. This system makes laser surgeries even more convenient. An additional plus with the MultiPulse HoPLUS renewed footswitch: It provides an additional button to switch between stand by and ready mode. Doctors therefore don't need to rely on staff to activate the system which increases speed and safety of the procedure.

About JenaSurgical

Asclepion Laser Technologies GmbH designs and sells laser devices for general surgery and precision microsurgery under the brand “JenaSurgical”. We boast over 40 years of know-how in the development and distribution of laser systems for surgical applications. Based at the heart of the optical industry in the German city of Jena, JenaSurgical manufacture flexible and microscope-assisted laser systems for surgical teams around the world. Our workstations are mostly used in cutting-edge gynecology, urology, oncology and otolaryngology. These are solutions created from proprietary technologies by international teams and multidisciplinary expertise that aim to make the work in the operating room faster, safer and more accurate, to be less invasive and to make the post-operative period shorter and more comfortable for the patient.

For more information, visit our website www.jenasurgical.com or contact us at marketing@jenasurgical.com.

About Asclepion

Asclepion Laser Technologies has been operating as a leader on the international medical laser market since 1977. Its ongoing successes, thanks to the constant development of new techniques, have made Asclepion one of the most qualified companies in the entire optics industry worldwide. The TOP100 award for the most innovative medium-sized companies in Germany stands testament to this claim. Today, more than 70 countries place their trust in the Made in Germany technology of Asclepion and its proven scientific expertise. Asclepion has achieved this goal by working on all fronts and by pinpointing an innovative offering of systems for ensuring the success of its distributors and physicians. The service leadership that Asclepion, true to its own mission statement, has built up over the years ensures the creation of positive effects for all of the company’s clientele, local partners, physicians and patients.

For more information, visit our website www.asclepion.com or contact us at marketing@asclepion.com.