

JenaSurgical by Asclepion presents the new MultiPulse HoPLUS 3rd Generation holmium laser system

Introduction of the 3rd generation holmium laser by JenaSurgical – the MultiPulse HoPLUS convinces as the all-in-one solution 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 for an effortless transition from enucleation to morcellation– Different upgrades available

JENA, Germany, 5th April 2024 – 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 third generation of the MultiPulse HoPLUS line, the MultiPulse HoPLUS 3rd Generation. After the successful introduction of the Three Phase device in 2016 and the Single Phase device in 2019, JenaSurgical now sets new standards again, offering further improvements and numerous advantages with the newest addition to its product portfolio.

MultiPulse HoPLUS 3rd Generation – The fusion of laser and morcellation technology

The MultiPulse HoPLUS 3rd Generation is a high-power holmium laser designed for both the surgical treatment of benign prostatic hyperplasia (BPH) and endoscopic lithotripsy. Its versatility allows for a swift transition from enucleation to morcellation, facilitated by various configuration options including the optional integrated morcellator as well as a laser source reaching 150 W. Thanks to high-energy pulses, tissue dissection becomes effortless while long pulses lead to a remarkable coagulation and high-frequency pulsed laser ensure outstanding surgical outcomes. These features collectively position the MultiPulse HoPLUS as an invaluable asset in the operating room.

Versatility in Urology – the MultiPulse HoPLUS 3rd Generation applications

The MultiPulse HoPLUS 3rd Generation has been designed to meet the evolving needs of modern urology. The high-power holmium laser system addresses a wide set of applications ranging from treatment of strictures (urethrotomy) or bladder neck incision (BNI) to endoscopic lithotripsy for stone fragmentation and pulverization, regardless of their composition and anatomical location.

The MultiPulse HoPLUS 3rd Generation comes along with an enhanced parameter field to cater diverse surgical requirements. The Enhanced Power Setting (EPS) ensures unparalleled precision and efficacy, particularly evident in HoLEP (Holmium Laser Enucleation of the Prostate) procedures. Moreover, with pulse durations extending up to 1,700 μ s, the MultiPulse HoPLUS 3rd Generation enables precise tissue interactions for an optimal outcome across various surgical interventions.

Thanks to its high repetition rate of 100 Hz, this system is also the ideal choice for lithotripsy, treating all stones regardless of their hardness or composition while empowering the full spectrum of stone management techniques, both dusting and fragmentation.

MultiCut Integrated morcellation module

The MultiPulse HoPLUS laser system disposes of an optional integrated morcellation module, the *MultiCut*, offering seamless transitions from enucleation to morcellation for the immediate removal of enucleated tissue. Featuring a blade of either 350 or 400 mm in length, the MultiCut features an optimized cutting geometry with teeth positioned on the outer blade for an enhanced tissue “grip”. This not only makes the treatment safer and more controlled, but also speeds up the procedure.

Upgradable system for your flexibility

The MultiPulse HoPLUS 3rd Generation is like its predecessor, thanks to its upgrade options, one of the most versatile high-power holmium systems 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 3rd Generation 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.

Effortless workflow with easy-to-use footswitch

The dual pedal, wireless footswitch allows the surgeon to select the required mode without changing the laser settings 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. Another advantage of the MultiPulse HoPLUS 3rd Generation footswitch is its enhanced usability: With the footswitch port now conveniently located at the front of the device and the availability of a wireless footswitch option, it eliminates the

need for excess footswitches. Additionally, the footswitch features an extra button for seamless transition between standby and ready modes.

About JenaSurgical

Asclepion Laser Technologies GmbH designs and sells laser devices for general surgery and precision microsurgery under the brand “JenaSurgical”. We boast over 45 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.