Press release

Very Good Visibility during Treatment

ZEISS strengthens its portfolio for dentistry with a high-resolution camera and LED illumination. A publication on microscopic dentistry contains examples of practical applications.

COLOGNE/JENA, 10 March 2015
At the 36th International Dental Show (IDS) in Cologne, the most important dental exhibition, the ZEISS Medical Technology business group is showcasing its expanded portfolio of products for use in dentistry: the digital camera for the OPMI PROergo® transmits images from the surgical microscope and therefore supports dentists even more effectively during treatment and patient consultations; the EyeMag® Light II LED illumination for Medical Loupes from ZEISS illuminates the oral cavity in daylight quality, making even the finest details visible. In addition, ZEISS will present a publication in which experts clearly explain the benefits of microscopy in dentistry on a step-by-step basis.

Enhanced visualization in the OR has led to major changes in surgical practice over recent decades, resulting in enormous improvements in both the quality of treatment and patient outcomes. In dentistry, unlike other disciplines such as neurosurgery, the use of surgical microscopes is not yet standard practice. In the past 15 years, however, more and more dentists have been making use of the benefits offered by innovative visualization solutions from ZEISS for endodontics, restorative dentistry, implantology and periodontics. At the 36th IDS ZEISS is presenting its further expanded product portfolio for high-precision dentistry.

Clarity for patient consultations and scientific lectures

Digital visualization in high-resolution quality is now also possible with the S7 / OPMI PROergo surgical microscope with motorized zoom and focus from ZEISS. Dentists can adopt a comfortable, relaxed posture during examination, therefore helping to prevent neck and back problems. Thanks to ZEISS optics, the digital 1Chip HD Camera* generates razor-sharp, high-contrast overview images of the oral cavity and detailed images of root canals in leading-edge, high-resolution quality. The system can be easily integrated into the practice workflow: dentists can save videos and still images on a USB storage device or network storage system at the push of a button on the system's handgrip and then use them during patient consultations. The digital recordings of the optical images and videos produced by the OPMI PROergo are extremely beneficial for documentation purposes in the training of young dentists and at scientific congresses.

**The 1Chip HD Camera is not yet CE-certified and will not be available until the certification is completed.*

Daylight quality illumination with Medical Loupes from ZEISS

ZEISS already introduced EyeMag Light II**, a new generation of medical loupe illumination, in 2014. The high wearing comfort of ZEISS medical loupes in combination with the high-performance LED illumination in daylight quality permits precise detail recognition and high-contrast, almost shadow-free images. The battery life also suffices for long working days.

Practical support: Where can microscopy be beneficial in dentistry?

To provide all dentists with practical insights into the use of microscopy in everyday dentistry, ZEISS has asked international dentists about the experience they have gained. In the book titled "Microscopic Dentistry: A Practical Guide" the specialists describe step by step how they benefit from the use of a surgical microscope. Examples are included from endodontics, implantology, periodontics, restorative dentistry and prosthetics. A description is also given of how modern surgical microscopes with integrated cameras can support documentation and practice management. The publication is available as a free download at www.zeiss.com/dental-book. "Not all my colleagues are fully aware of the benefits offered by dental microscopy," says dentist Dr. Joachim Hoffmann, who has been using a surgical microscope from ZEISS in his practice since 1999. "It's time this changed. The publication is an excellent step in this direction."

Dr. Ludwin Monz, President and CEO of Carl Zeiss Meditec AG, says: “On the basis of our many decades of experience in surgical microscopy we also wish to continuously evolve and enhance dentistry.“

***EyeMag Light II is product of SCHOTT AG*

Press contact
Jann Gerrit Ohlendorf
Director Corporate Communications Carl Zeiss Meditec AG
Tel. 03641 220-331
Email: press.meditec@zeiss.com

Sebastian Frericks
Director Investor Relations, Carl Zeiss Meditec AG
Tel. 03641 220-116
Email: investors.meditec@.zeiss.com

www.zeiss.com/press

Brief profile

Carl Zeiss Meditec AG (ISIN: DE0005313704) is one of the world's leading medical technology companies. The company supplies innovative technologies and application-oriented solutions designed to help doctors improve the quality of life of their patients. It provides complete packages of solutions for the diagnosis and treatment of eye diseases, including implants and consumables. The company creates innovative visualization solutions in the field of microsurgery. The medical technology portfolio of Carl Zeiss Meditec is rounded off by promising, future-oriented technologies such as intraoperative radiotherapy. In fiscal year 2013/2014 (ended 30 September) the Group's just under 3,000 employees generated revenue of EUR 909 million.

Carl Zeiss Meditec headquarters are located in Jena, Germany. The company has subsidiaries in Germany and abroad; more than 50 percent of its employees are based in the USA, Japan, Spain and France. The Center for Application and Research in India (CARIn) in Bangalore, India, and the Carl Zeiss Innovation Center for Research and Development in Shanghai, China, strengthen the company's presence in these fast-growing countries. Around 35 percent of Carl Zeiss Meditec shares are in free float. The remaining approx. 65 percent are held by Carl Zeiss AG, one of the world's leading groups in the optical and optoelectronic industries.

More information at: www.zeiss.com/med

***EyeMag Light II is product of SCHOTT AG*