

Dentsply Sirona presents the possible applications of the SiroLaser Blue at the WFLD Congress in Greece

One of the largest scientific events in laser dentistry took place from September 22 to 23 in Thessaloniki, Greece. The sixth European Division Congress of the World Federation for Laser Dentistry (WFLD) offered a comprehensive program of presentations and workshops. Furthermore, attendees had the opportunity to exchange information with colleagues about the development and use of laser technology in dentistry.

Bensheim / Salzburg, October 3rd, 2017. The World Federation for Laser Dentistry (WFLD) will celebrate its 30th anniversary in 2018. Today it continues to pursue its objective of promoting the exchange, progression and dissemination of laser applications in the dental sector. Regular international events, such as this year's WFLD Congress in Greece, bring leading experts in laser dentistry together. Both scientists and practitioners demonstrated in presentations where the current opportunities in the area of dental lasers are and provided information about the latest findings and developments in presentations and workshops.

A comprehensive program with more than 100 presentations

The variety of talks over the two days of the event provided the more than 400 attendees from 35 countries with a range of interesting scientific insights. Not only basic knowledge about the subject of laser dentistry was presented here, attention was also targeted on the areas of application such as endodontics, implantology, periodontology and orthodontics. Dentsply Sirona was present at the industry exhibition as the market leader in the dental sector and Gold sponsor of the event. In cooperation with Dr. Joanna Kamma, Dentsply Sirona held a workshop about the application of the SiroLaser Blue in clinical practice.

Dr. Joanna Kamma was one of the experts in attendance and she shared her scientific experiences with the SiroLaser Blue in the form of a workshop. This workshop gave participants a general overview of the areas of application of the SiroLaser Blue with its three wavelengths: the new, blue wavelength (445 nm) used especially in surgery, the red wavelength (660 nm) for applications in the area of photobiomodulation and the infrared wavelength (970 nm) for bacterial reduction in endodontics and periodontology.

"For the surgical management of the soft tissues, the 445 nm wavelength, due to its properties, has a very good cutting effect with high coagulation and minimal bleeding, minimal thermal tissue damage (heat in the surrounding tissues) and, in addition, a very good wound healing", explained Dr. Joanna Kamma the advantages of the 445 nm wavelength in the SiroLaser Blue.

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About Dentsply Sirona:

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with over a century of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dental care. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

Even though the SiroLaser Blue does not yet have approval for the application of the blue wavelength for periodontal bacteria reduction, Dr. Kamma reported about its application based on the existing literature and on the preliminary results of her own clinical studies: "The 445 nm blue light seems to be a very promising adjunct in the non- surgical treatment of chronic periodontitis."

IMAGES

are available for [> download](#) on the website.

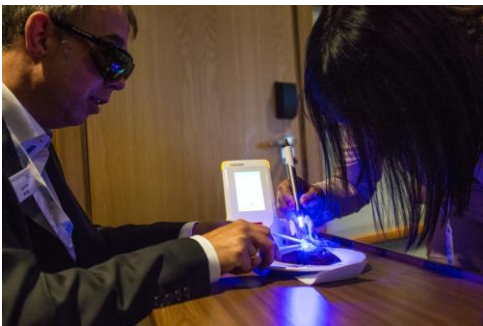


Fig. 1: The attendees had the chance in the workshop to test the SiroLaser Blue in soft tissue themselves and to obtain a first impression.



Fig. 2: Dr. Joanna Kamma, a dental practitioner specializing in periodontology, gave a presentation on the possible applications of the SiroLaser Blue at the WFLD Congress.



Fig. 3: From theory into practice: it was demonstrated in the workshop how the SiroLaser Blue can be used in periodontology and in soft tissue management.



Fig. 4: The sixth WFLD Congress offered a platform for lively exchanges, here between one of the organizers of the event, Professor Dr. Kosmas Tolidis, and the representatives from Dentsply Sirona.

