



SDS Swiss Dental Solutions

Ceramic implantology summit at the second JCCI

On 14 and 15 October, the second JCCI JOINT CONGRESS for CERAMIC IMPLANTOLOGY was held in Kreuzlingen in Switzerland and continued the success of the event premiere. For the year's event, recognised scientists and more than 160 ceramic implantologists from 17 nations and five continents came together to jointly discuss the latest trends, innovations and findings in the field.

Via an online survey, attendees had voted for the fundamental topics the year before, and the JCCI organisers drew up the programme accordingly. Dr Amerian D. Sones, President of the Academy of Osseointegration, opened the congress with an overview of the August 2022 consensus meeting in Chicago in the US, followed by two exciting live surgeries presented by Straumann (Drs Markus and Mathias Sperlich) and SDS Swiss Dental Solutions (Dr Josephine Phillips) in the affiliated SWISS BIOHEALTH CLINIC.

That same day, Prof. Tomas Albrektsson, a member of the Royal College of Physicians and Surgeons of Glasgow, spoke online on the topic of marginal bone loss around oral titanium implants due to particle abrasion and contaminated surfaces. Prof. Etyene Schnurr presented the problem of the lack of consensus on study protocols between manufacturers and researchers and presented the solution of a set-up of consensus on studies on ceramic implants, which was adopted in a separate breakout session by the scientists present. Prof. James Rutkowski, a diplomate and past president of the American Board of Oral Implantology/Implant Dentistry and an honoured fellow of the American Academy of Implant Dentistry, shone with his presentation on how the inflammatory response can influence bone and soft-tissue healing. Dr Dirk U. Duddeck, founder and managing director of the Clean-Implant Foundation, more than impressively conveyed the underestimated factor of clean surfaces in implant



dentistry and certified a whole series of CleanImplant Certified Dentists directly afterwards.

On the Saturday, JCCI Congress Director and President of the International Society of Metal Free Implantology (ISMI) Dr Karl Ulrich Volz explained the most important findings on ceramic implants and biology, as well as the influence of Generation Babyboomer to Gen Z on user behaviour and the required user experience. Prof. Jörg Neugebauer, Vice President of the Academy of Osseointegration, presented his impressive 15 years of experience in ceramic implantology and a digital workflow, followed by Prof. Georgios E. Romanos, a diplomate of the American Board of Periodontology and the International Congress of Oral Implantologists, and Prof. Florian Beuer, President of the German Association of Oral Implantology, who captivated participants with remarkable presentations on the topic of peri-implantitis affecting titanium implants and the state of the art in ceramic implantology. Prof. Shahram Ghanaati, President of the Society for Blood Concentrates and Biomaterials, spoke about the advantages and disadvantages of 3D titanium cages versus freely modellable titanium cages for the treatment of atrophic jaws, and Prof. Wael Att, chair of the Department of Prosthodontics at Tufts University School of Dental Medicine in Boston in the US, inspired participants with his presentation "Ceramic implants—the new kids on the block". All presentations were interpreted simultaneously into both German and English and livestreamed to online attendees on all continents.

The SWISS BIOHEALTH EDUCATION CENTER provided the appropriate professional setting for the high-level congress. The cooperation of leading professional societies, leading expertise and the accompanying dental exhibition exposed participants to a broad range of knowledge. This year, well-known heavyweights of the innovative market segment participated in the congress: Straumann, CeramTec/Dentalpoint, SDS Swiss Dental Solutions, the CleanImplant Foundation, mectron and CaviTAU. Between the lectures, the congress breaks offered ample opportunity for exchange and visits to the industry exhibition.

The JCCI stands for professionalism, smooth procedures and cordiality and offers a platform for discussion and exchange and promotes new ways to achieve the goal of metal-free implantology. This holistic approach was very well received by the audience this year again. Many praised the compelling atmosphere as well as the lively professional discussions.

In a breakout session, pioneers and scientists sat down with Prof. Schnurr to discuss and agree on the next steps for studies on ceramic implants. Terminologies, patient-reported outcome measures and oral health impact profiles were also defined, and these will include the improved quality of life of patients as a result of rehabilitation with ceramic implants. In the future, this consensus on studies on ceramic implants will ensure that all studies conducted on ceramic implants will be classified as relevant and be comparable with each other. This will enable us to obtain quality data on ceramic implantology in the next five to ten years, which is one of the main goals of Dr Volz as President of the International Society of Metal Free Implantology.

The entertainment too was extraordinary. At WHITE NIGHT on Friday evening, TomX the saxophonist, DJ Matt Nautique, magician Jordane Dewost and other highlights whisked visitors away to another world and created an extraordinary atmosphere on the dance floor. Ice-cold drinks, gourmet food stations and live music guaranteed an unforgettable party.

Dr Volz concluded enthusiastically, "Anyone who knows us knows that we always want to go one better. I think we have succeeded once again, and we are already working on the third JCCI to achieve this goal again next year!" The third JCCI will take place on 13 and 14 October 2023 at the SWISS BIOHEALTH EDUCATION CENTER. Mark your calendars now and book your tickets!

contact

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