

EACim presents work and shares knowledge at DCIC—Dubai Ceramic Implant Congress

A delegation of the EACim went to the “DCIC 2.0” conference organised by the IAOCI, chaired by Dr Sammy Noubissi from the USA, at Sheraton Dubai Creek Hotel & Towers on 25 April 2024. The EACim was represented by Prof. Andrea Enrique Borgonovo (Italy), Dr Olivier Henry-Savajol (France), Dr Philippe Duchatelard (France), and President of EACim, Dr Giancarlo Bianca (France).

Dr Philippe Duchatelard

In his opening speech, Dr Noubissi gave a wonderful travel through the years of IAOCI, which was founded in 2010. He spoke about the past conferences, the IAOCI research groups, the +100 publications throughout the years, and about the impact of the pandemic which resulted in cancelling the congress planned in New Orleans in March 2020 but also about the initiation of the first virtual IAOCI congress in December of 2020. He mentioned the partnerships with the ACS (American Ceramic Society) for its 11th World Congress in May 2022 in Washington, DC, his city of heart and work, together with our EACim Academy, and the brand new Japanese academy JAOCI (Japan Association Of Ceramic Implants) represented by Dr Masanobu Saito (Japan).

The choice of “2.0” in the title of these conference days in Dubai indicates the significant evolution of ceramic implantology in 2024 with the increase of the available products by a larger number of manufacturers, and the development of implant designs which join the titanium implants, “Tissue Level”, “Bone Level” while preserving the one-piece.

Dr Saurabh Gupta (India) who is a reference in ceramic implantology and digital flow, directly addressed the clinical issue with the title of his lecture: “Are Ceramic Implants the revolutionary solution to the ongoing challenges in Implant Dentistry?” After discussing on peri-implantitis and the role of metal particles, he documented the very favourable response of the soft tissues in contact with zirconia; he showed the evolution of ceramic implant surfaces, especially the roughness, at the nanometric scale, one of the key factors for success in his opinion. He will be part of our speakers on this topic at our congress in Madrid.

Dr Vladimir Kokovic (UAE) spoke about: “Two-piece ceramic dental implants in daily practice: 10 years experience”; he related his ex-



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Dr Saurabh Gupta,
Dr Giancarlo Bianca,
Dr Philippe Duchatelard (from left).

perience with Straumann’s ceramic implant Pure Tissue Level compared to the titanium homologue. He exposed his beautiful study published on the continuous increase of primary stability assessed using ISQ for this implant. “A new generation of ceramic one-piece implants based on long-term evidence” was the topic of the lecture of Prof. Borgonovo. He showed the design evolution of one-piece implants in the range of products of his use (bredent medical) with a clinical experience of more than ten years, and the opportunity of having reliable two-part options for the molars. He concluded that this choice was realistic, not just imaginative! Dr Henry-Savajol joined his partner and friend of the Loma Linda University (California), Sammy Noubissi. After recalling this



02 Discussion between colleagues.



03 Dr Philippe Duchatelard, Dr Giancarlo Bianca and Prof. Andrea Enrique Borgonovo (from left) meet at DCIC 2.0.



04 Dr Sammy Noubbissi and colleagues in discussion.



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05 Dr Sammy Noubbissi holding his lecture.



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06 Dr Saurabh Gupta.



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07 Prof. Andrea Enrique Borgonovo.



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08 Dr Olivier Henry-Savajol.



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09 Attendees of DCIC 2.0.



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Dr Adina
Landschoof.

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Dr Regeane
Kaniak.



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period, and actually in charge of the EACim’s international relationships, he presented our academy to the attending participants. His topic, “Full-arch immediate loading on ceramic implants”, showed the use of bone-level (Z-SYSTEMS) ceramic implants for a full-arch rehabilitation using fixed ceramic prostheses on eight implants in the maxilla, with three years of follow-up, and after sharing his experience with titanium implants for this type of prosthesis.

The next session was moderated by Dr David Roze (UAE), and opened the stage to two strong ladies in ceramic implantology. At first, Dr Adina Landschoof (Germany) exposed her everyday practice using zirconia implants, and showed the quality of the contacting soft tissues during her lecture: “The beauty of soft tissue around white implants”. The calligraphic style of her titles, the quality of the iconography revealed her keen sense of aesthetics, and a feminine approach to the topic. Dr Regeane Kaniak (Brazil) was holding her lecture basing on a highly sensitive issue on osteoimmunology (Arnon and Choi): “Osteoimmunology and bone metabolism are important factors to avoid osseointegration failures”. She managed to captivate the audience with her enthusiasm, and shared her vast knowledge on those current topics: the oxidative stress and osteonecrosing cavitations, BMDJ (bone marrow defects in the jawbone), FDOJ (fatty degenerative osteonecrosis in the jawbone) with RANTES (regulated on activation, normal T cell expressed and secreted), and other cytokines CCL5 (chemokine with chemotaxis effect and immune activation). She concluded that titanium particles



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The congress
attendees.

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Dr Vladimir
Kokovic (left) and
Dr David Roze.

are immunogenic, not allergic. She is the Portuguese translator of Dr Johann Lechner's book *Cavitational osteonecrosis in jawbone*, also translated into French by Dr Joseph Choukroun and Dr Jérôme Surmenian.

The last lecture was held by Dr Iyad Abou-Rabii (France) and titled: "Beyond metal: exploring the effectiveness of ceramic dental implants". After a synthetic recall on the mechanical, physicochemical, and biological properties of zirconia, he shared his clinical experience illustrated by several single- or multi-unit implants with high confidence in the strength of the one-piece implants which he uses. After all lectures, a Q&A session with the audience allowed to share on various issues (problems) of this practice, such as, the maximum insertion torque for ceramic implants.

Dr Noubissi concluded the day by expressing the wish of a greater cooperation between the American and European ceramic implant academies for promoting research and the development of this practice. We join this wish, and greatly thank him and his team for all the work performed to organise this symposium, and for his kind invitation to participate, as well as for promoting ceramic implantology.

A pleasant and friendly evening organised by Dr Kokovic in the form of a mini cruise in the Marina of Jumeirah allowed us to ap-

preciate the overwhelming architectural dynamism of Dubai and its incredible all lit up "sky line" of sky-scrapers...

Dr Philippe Duchatelard Past President and Ambassador for France

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