CleanImplant Foundation

Last call for current quality assessment study and education on implant impurities ex-factory at the EAO Congress in Geneva

CleanImplant Foundation experts continue the global awareness campaign concerning production-related contamination on new, sterile-packaged implants. CleanImplant Managing Director and Head of Research, Dr. Dirk U. Duddeck (left), will give insights and information about the latest study results to all interested colleagues at booth F50. *(© CleanImplant Foundation)*

The non-profit CleanImplant Foundation will attend the 29th Scientific Congress of the European Association for Osseointegration (EAO) from 29 September to 1 October 2022 with its information booth at F 50. In the setting of the European congress, the Foundation continues its global awareness campaign concerning production-related contamination on new, sterile-packaged implants. On the same occasion, Dr Dirk U. Duddeck, Managing Director and Head of Research at CleanImplant, aims to advance the implant procurement for the Foundation's current and fifth overall scientific study on the quality of dental implants. The presence of numerous implant manufacturers is sought to conclude the collection process, initiating the next iteration of the large-scale quality assessment study conducted in collaboration with internationally renowned universities such as the Charité–University Medicine in Berlin, Germany.

In what has become the most extensive overview of surface cleanliness performances across the entire industry, the surfaces of commercially available implant systems are examined for concerning remnants from the production processes using complex, state-of-the-art SEM analyses. To ensure a comprehensive overview of the manufacturing quality of the implants available for sale on the market, the implant types to be tested were, in advance, selected by the Foundation's scientific advisory board. All implant manufacturers with implants examined in the study are invited to participate in this study.

Results of the previous year's studies are alarming: Over a third of all sterile-packaged and "ready-to-use" implant types exhibited significant levels of foreign particles and concerning residues on their surfaces. However, there is an easy way to avoid purchasing untested, risky implants. At the information booth in Geneva, CleanImplant experts will inform about these contaminants' impacts and advise on selecting the best implant systems: With the "Trusted Quality"-seal, CleanImplant creates transparency and awards implant systems with a high-quality surface. To date, selected implant types carrying the coveted seal are from manufacturers such as Biotech Dental, bredent medical, BTI, CAMLOG, Global D, medentis medical, MegaGen, NucleOSS, Sweden&Martina, Zircon Medical, and SDS. The quality seal is valid for two years. Other implant systems are currently undergoing the testing process.

CleanImplant Foundation
+49 30 200030190 · www.cleanimplant.com

ISMI

State-of-the-Art—The 6th Annual Meeting of ISMI

Under the motto "Ceramic Implants – State of the Art", the International Society of Metal Free Implantology e.V. (ISMI) invited participants to its 6th Annual Meeting at the Dorint Kurfürstendamm Hotel in Berlin on 24 and 25 June 2022. Renowned experts and users from Germany and abroad shared their knowledge with the interested participants. Practical application examples, current trends in the use of ceramic implants and biological aspects of metal-free implantology were the focus of diverse discussions. Satisfied participants, happy speakers and a full industrial exhibition—a truly successful 6th Annual Meeting, which was attended not only by dentists and implantologists, but also by some master dental technicians.

Two workshops and ten lectures provided a varied update programme on metal-free implantology for interested participants. Prof. Dr Dr Dr Shahram Ghanaati kicked off the event with the pre-congress symposium. Dynamically and at eye level, he spoke to the numerous participants in the mectron workshop about the scientific use of blood concentrates to support the patient's own regeneration and about regenerative-supportive measures to preserve the tooth. He also presented the new S3 guideline on the use of platelet rich fibrin (PRF) in dental implantology, which will come into force in September. In the second pre-congress workshop, the dentist Prof. Dr Marcel Wainwright, who works in Luxembourg, presented, together with the company Zircon Medical Management, a selection of clinical cases that were restored with Patent™ implants, taking holistic aspects into account. Prof. Wainwright focused on the problem of increasing material intolerance and the growing health awareness of patients—this also has a direct influence on the dental and implantological treatment of patients.

The highlight of the first day of the congress was the ISMI White Night on the MS Poseidon. Together with the speakers, the participants were able to float through the centre of Berlin on the Spree in a relaxed atmosphere. An exclusive menu, drinks and the magnificent view under the open sky brought the day to a successful close—even a small rain shower could not dampen the exuberant mood.

The second day of the congress, chaired and moderated by Dr Dominik Nischwitz and Dr Alexander Sobiegalla, was all about science. The international top speakers and audience included implantology-savvy dentists as well as medical experts who, in addition to focusing on ceramic implants, also discussed general health optimisation according to basic biological principles. In the industrial exhibition, company representatives and participants alike had the opportunity to exchange information about new products and already proven materials. An all-round service was also offered for the participants during the breaks: Lunch invited to a collegial exchange at the table.

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Fig. 1: Dr Dominik Nischwitz– Vice President of ISMI and scientific drector of the congress.
Fig. 2: View of the podium at the 6th ISMI meeting in Berlin.

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Save the date:

Join us for the
7th Annual Meeting of ISMI
on **5 and 6 May 2023**
in Munich.

ESCI

2nd European Congress on Ceramic Implantology

ESCI Board of Directors: Dr Frank Maier, Dr Stefan Röhling (Vice President), Dr Jens Tartsch (President), Prof. André Chen, Member of Scientific Advisory Board: Prof. Ralf Kohal

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PART II FACTS of CERAMIC Implants
20.-22.Oct. 2022
Zurich-Switzerland

Ceramic implants have developed from a marginal phenomenon to a serious factor in implantology. It is currently one of the fastest growing, most research-intensive and most innovative areas of dentistry. This makes a practice-oriented, but also scientific and evidence-based approach to the subject all the more important — only the facts count!

"Facts of Ceramic Implants, Part II" is the motto of the "2nd European Congress for Ceramic Implant Dentistry", which will take place on 20 and 21 October 2022 in Zurich, Switzerland.

Twenty-one internationally renowned speakers such as Prof. Ronald Jung, Prof. Tomas Albrektsson, Prof. Ralf Kohal, Dr Josef Choukroun or Prof. Bilal Al Nawas will present all backgrounds of ceramic dental implants with exciting lectures. The organisers of the ESCI promise a unique programme in the field of dental implantology with ceramic implants. The event will provide both the interested beginner and the experienced user with valuable new insights for the successful application of ceramic implants as a complementary and reliable therapy option to titanium implants. From the possibilities and limitations of the material zirconium dioxide to the biological background, to the professional clinical use, all relevant facts will be highlighted.

The ESCI is a hub for outstanding scientific research and for clinical and practical experience in dental implantology with ceramic implants. Thus, the "2nd European Congress for Ceramic Implant Dentistry" will also have some special features: "Facts of Ceramic Implants" offers young researchers and all ESCI members the opportunity to present their research results and their clinical cases during the "short lecture sessions". The best presentation in its category will be awarded with the "ESCI Award". The pre-congress workshops, which are free of charge for congress participants, offer the opportunity to familiarise themselves with the various systems.

The venue was also chosen with care. Just ten minutes from Zurich — located directly on Lake Zurich — the Bocken Congress Centre in the middle of the countryside not only offers an inspiring environment for serious congress content, but also enables an escape from everyday life, a common exchange and intensive networking. Thus, in addition to the scientific programme, the location, the social framework of the congress as well as the ESCI Gala Dinner will be something very special.

European Society for Ceramic Implantology
+41 44 7154877
info@esci-online.com · www.esci-online.com

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OEMUS MEDIA AG

Holbeinstraße 29 · 04229 Leipzig · Germany
Tel.: +49 341 48474-0 · info@oemus-media.de