

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

The non-profit CleanImplant Foundation will attend the 29<sup>th</sup> 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



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.

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.

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