



## **Academy of Prosthodontics 2024 Annual Scientific Session Four Seasons Hotel, Denver, Colorado May 29 – June 1, 2024**

### **Program Speaker – Ronald E. Jung**

#### **Title**

The Evolution of Implant Prosthetics towards a Full Digital and Personalized Solution

#### **Abstract**

For successful implant prosthodontics safety, long-term performance, efficiency and the esthetic outcome are the main factors in the decision-making process. This lecture provides you with all the clinical and scientific evidence to make the right decisions in all your clinical cases. All-ceramic reconstructions have been documented safe and provide a similar long-term performance as metal ceramic crowns on titanium abutments over an observation period of 5-10 years. The evolution to a full digital work-flow will be analyzed in terms of efficiency and how it can be implemented in a current clinical practice set-up.

A special focus will be put on the possibility to fabricate fully personalized all-ceramic reconstructions providing more biologic and esthetic outcomes. The digitalization process in implant prosthodontics has introduced a lot of new opportunities and material options, which help solving currently clinical and dental laboratory challenges.

The lecture will provide a clear decision tree and clinical recommendations for single- and multi-unit reconstruction either in the esthetic or the posterior area.

#### **Learning Objectives**

1. Evaluate the safety aspects of different type of implant reconstruction and select the appropriate material and design.
2. Differentiate between the conventional and the CAD/CAM workflow in implant prosthodontics.
3. Learn and understand the efficiency of the different type or workflows (conventional vs CAD/CAM) and their advantages and disadvantages for the dentists and the dental technicians.

#### **Biography**

##### **RONALD E. JUNG, PROF. DR. MED. DENT, PHD**

Ronald E. Jung is trained in prosthodontics, implant therapy and oral surgery. He is the Chairman and Clinic Director for the Clinic of Reconstructive Dentistry, at the Center for Dental Medicine, University of Zürich, Switzerland. In 2006 he worked as Visiting Associate Professor at the Department of Periodontics at the University of Texas Health Science Center at San Antonio, USA. In 2008 he finalized his “Habilitation” (venia legendi) in dental medicine and was appointed at the University of Zürich. In 2011 he received his PhD doctorate degree of the University of Amsterdam, ACTA dental school, The Netherlands. In 2013 he worked as a Visiting Associate Professor at the Department of Restorative Dentistry and Biomaterials Sciences at Harvard School of Dental Medicine in Boston, USA. In 2015 he has

been promoted to full Professorship for Implantology at the University of Zurich and was Head of the Division of Implantology at the Clinic of Reconstructive Dentistry, Center for Dental Medicine, University of Zurich, until January 2022. In 2022 he has been appointed Chairman and Ordinary Professor for Reconstructive Dentistry at the University of Zürich. He is an accomplished and internationally renowned lecturer and researcher, best known for his work in the field of hard and soft tissue management and his research on new technologies in implant dentistry. He is currently President of the European Association for Osseointegration (EAO), Past President of the Swiss Society of Reconstructive Dentistry and member of the Board of Directors of the Osteology Foundation.

*\*Speaker has disclosed Affiliation/Financial Interest with the following companies: Straumann, Geistlich, Camlog, Vita, TRI, Thommen Medical*