Program Speaker - Prof. Dr. Florian Beuer MME

Title
All-ceramics on implants and teeth: a three-step-concept

Abstract
All-ceramic materials have become the golden standard in tooth-colored prosthetic restorations. With the development of digital technology in the dental laboratories, the fabrication protocols changed. Meanwhile monolithic materials have been introduced for posterior restorations. However, classic powder build-up technology for best possible esthetic results is still used for anterior crowns and fixed dental prostheses (FDPs). The concept consists of three different steps: 1. feldspathic porcelain adhesively bonded for single upper anterior units on natural teeth and enamel as supporting substrate. 2. Lithium-disilicate for single crowns on natural teeth and screw-retained abutment crowns on implants. 3. Monolithic zirconia for posterior FDPs and veneered zirconia substructures for anterior FDPs. The presentation will give an overview over the recent literature; discuss advantages and disadvantages of the mentioned materials and concepts. Furthermore, clinical and practical tips will be given to get the best esthetic results combined with the highest longevity.

Learning Objectives
1. To understand the basic concept of the three different porcelain systems and the steps involved in their use
2. To understand the advantages and disadvantages of the different ceramic materials
3. To be familiar with clinical and practical tips that will provide the best esthetic results combined with the highest longevity.

Biography
PROF. DR. FLORIAN BEUER MME
Professor Beuer graduated from Munich Dental School (Germany) in 2000. After two years in private practice he joined the Prosthetic Department in Munich. He finished his dissertation in 2002 and got his habilitation in 2009. He holds specialty degrees in implantology (DGI) and prosthodontics (DGPro). In 2007 and 2008 he worked as visiting Professor in Portland/Oregon with Professor Sorensen DMD, PhD. Professor Beuer received a Master of Medical Education (MME) degree from the University of Heidelberg (Germany) in 2015. Since 2015 he is chairman of the Prosthetic Department at Charité University of Medicine in Berlin (Germany) and board member of the German Association of Implantology (DGI).