

Digital workflow in dento-facial rehabilitation

The progressive shift towards implementing digitally-driven 3D engineering tools in reconstructive dentistry is obvious. Compared to conventional methods, the ultimate goal of digital technologies is to improve the quality and capabilities in examination, diagnosis, and treatment of the dental patient.

It is still questionable, however, whether such digital tools facilitate improved accuracy in data acquisition and assessment, superior efficacy in treatment planning, and more controlled and faster manufacturing process. This presentation will provide an overview about 3D engineering in comprehensive dento-facial rehabilitation and discuss different possibilities and advantages when using a conventional or a digital approach.



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Prof. Att is the Director of Postgraduate Program at the Department of Prosthodontics, Dental School, University of Freiburg. He is a board-certified prosthodontist from the German Society of Prosthodontics and Biomaterials (DGPro) and active member of the European Academy of Esthetic Dentistry (EAED). He serves as Past President of the Prosthodontics Group of the International Association for Dental Research (IADR) as well as President of the Arabian Academy of Esthetic Dentistry (ARAED) and Vice President of the International Academy for Digital Dental Medicine (IADDM). Prof. Att obtained his DDS degree in 1997 from Tishreen University and received the Dr Med Dent (2003) and PhD (2010) degrees as well as the title of extraordinary professor (2013) from the University of Freiburg. He was a Visiting Assistant Professor from 2005 to 2007 at the Weintraub Center for Reconstructive Biotechnology, UCLA School of Dentistry. Prof. Att's teaching and clinical activities focus on perio-prosthetic rehabilitation of multidisciplinary cases as well as the implementation of digital technologies in reconstructive dentistry.

