Anton Sculean is professor and chairman of the Department of Periodontology and currently the Executive Director of the School of Dental Medicine, University of Berne, Switzerland. He qualified in 1990 at the Semmelweis University in Budapest, Hungary and has received his postgraduate training at the Universities Münster, Germany and Royal Dental College Aarhus, Denmark. He received his Habilitation (Ph.D.) at the University of Saarland, Homburg, Germany. From 2004 to 2008 he was appointed as Head of the Department of Periodontology and Program Director of the EFP accredited postgraduate program at the Radboud University in Nijmegen, the Netherlands. In December 2008, he was appointed Professor and Chairman of the Department of Periodontology of the University of Bern, Switzerland. Currently, he serves as Executive Chairman of the School of Dental Medicine, University of Bern. Dr. Sculean has been a recipient of many research awards, among others the Anthony Rizzo Award of the Periodontal Research Group of the International Association for Dental Research (IADR), and the IADR/Straumann Award in Regenerative Periodontal Medicine and received honorary doctorates (Dr. h.c.) from the Semmelweis University in Budapest, Hungary and from the Victor Babes University in Timisoara, Romania. He has authored more than 250 publications in peer reviewed journals and serves on the editorial board of more than 10 dental journals, among others Journal of Dental Research, Journal of Clinical Periodontology, Clinical Oral Implants Research, Journal of Periodontal Research and Clinical Advances in Periodontics. He is Associate Editor of Quintessence International, Clinical Oral Investigations, Section Editor of BMC Oral Health and Editor in Chief of Oral Health and Preventive Dentistry. Professor Sculean served from 2009-2010 as president of the Periodontal Research Group of the IADR and is currently president of the Swiss Society of Periodontology and member of the executive committee of the European Federation of Periodontology (EFP). His current research interests are periodontal wound healing, regenerative and plastic-esthetic periodontal therapy, use of antibiotics, antiseptics and novel approaches such as lasers and photodynamic therapy in the treatment of periodontal and peri-implant infections. Professor Sculean has authored 14 chapters in periodontal textbooks and has delivered more than 300 lectures at national and international meetings. He is the editor of the book *Periodontal Regenerative Therapy* published by Quintessence and guest editor of the Periodontology 2000 Issue published in 2015 entitled “Wound Healing in Periodontology and Implantology.”

Clinical Concepts and New Developments for Treatment of Soft Tissue Defects at Teeth and Dental Implants

Anton Sculean

Predictable coverage of multiple adjacent recessions and of single mandibular deep recessions is still a challenge for the clinician. New data indicate that the use of the modified coronally advanced tunnel (MCAT) or the newly developed laterally moved double tunnel (LMDT) in conjunction with biologic factors such as enamel matrix proteins, connective tissue grafts, certain collagen based soft tissue grafts or combinations thereof may result in predictable coverage of single and multiple adjacent gingival recessions providing also long-term stability. Moreover, in certain, well selected cases this technique can also be successfully applied to correct soft tissue defects around dental implants. The present lecture will provide a comprehensive treatment philosophy on the surgical risk factors and biologic principles that need to be considered to optimize the results. Presentations of clinical cases and of surgical videos will demonstrate the step-by-step procedure for the MCAT and LMDT in the treatment of various types of soft tissue defects around teeth and dental implants. Long-term results with a follow-up of 4-5 years support the clinical relevance of these techniques.