

3-DAY INTERNATIONAL UNIVERSITY COURSE

# Masterclass in esthetic implant and restorative dentistry



October 28–30, 2021

Center of Dental Medicine, University of Zurich

21 CME credits

Learning  
for LIFE

Nobel Biocare welcomes you to the University of Zurich. Enroll in this advanced course to enhance your surgical and restorative skills. Benefit from the opportunity to interact directly with 10 internationally renowned experts in implant dentistry and prosthetics. Practice in small interactive groups using the latest technologies. Working closely with your peers in a dynamic atmosphere, you will enjoy a mixture of live lectures, hands-on workshops and live surgeries. Apply your know-how and experience in practical planning sessions with complex cases and interactive discussions. Expand your international network in the unforgettable city of Zurich in beautiful Switzerland.

Participants will receive a certificate of attendance from the University of Zurich including 21 CME credits.

Number of participants: 20–40

## Instructing clinicians



**Christoph Hämmerle** Prof.  
Dr. med. dent. Dr. h.c.  
Chairman of the Clinic of  
Reconstructive Dentistry



**Ronald E. Jung**  
Prof. Dr. med. dent., PhD  
Head of the Division of  
Implantology



**Daniel S. Thoma**  
Prof. Dr. med. dent.  
Vice-Chairman, Clinic for  
reconstructive Dentistry



**Mutlu Özcan**  
Prof. Dr. med. dent., PhD  
Head of the Division of  
Dental Biomaterials



**Nadja Nänni**  
Dr. med. dent.  
Senior Teaching and  
Research Assistant



**Alexis Ioannidis**  
Dr. med. dent.  
Senior Teaching and  
Research Assistant



**Fabienne Baumann**  
Dr. med. dent.  
Senior Teaching and  
Research Assistant



**Marc Balmer**  
Dr. med. dent.  
Senior Teaching and  
Research Assistant



**Stefan Bienz**  
Dr. med. dent.  
Senior Research and  
Teaching Assistant



**Elena Mühlemann**  
Dr. med. dent.  
Senior Teaching and  
Research Assistant

Please see pages 5 & 6 for the instructing clinicians' short biosketches.

## Learning outcomes

- Understand the approach for the treatment of challenging esthetic implant cases using the most modern techniques.
- Learn about state-of-the-art digital tools to streamline patient treatment from planning to final reconstructions.
- Expand your knowledge of evidence-based strategies for the treatment of partially and fully edentulous patients.
- Understand how CAD/CAM is applied for the fabrication of reconstructions.
- Improve your skills in bone and soft tissue management to ensure the best outcomes for your patients.

## Who should attend

This course is aimed at clinicians who are competent at restoring and/or placing implants in cases of fundamental esthetic demand and want to extend their set of skills to cases of advanced esthetic demand.

### Minimum requirements for participation:

Participants require a good understanding of English language in order to ensure constructive participation.

### Level of experience:

Advanced

## Course agenda

### Thursday, October 28th

08:30–09:00	<b>Welcome</b>	Opening Lecture	Prof. Christoph Hämmerle
09:00–09:30		Implant and restorative risk assessment in patients with high esthetic demands	Prof. Christoph Hämmerle
09:30–10:00		Digital diagnosis and digital workflow: From initial examination to final reconstruction	Dr. Alexis Ioannidis
10:00–10:30	<b>Coffee Break</b>		
10:30–11:00		Template guided implantation and navigation systems today	Dr. Marc Balmer
11:00–11:30	<b>Live demonstration</b>	Treatment planning and guided implantation	Dr. Marc Balmer
11:30–12:00		Treatment strategies in compromised esthetic cases	Prof. Christoph Hämmerle
12:00–13:30	<b>Group photo and Lunch Break</b>		
13:30–15:30	<b>Live surgery</b>	Implantation and simultaneous GBR in procedure in the esthetic zone	Prof. Ronald E. Jung
15:30–15:45	<b>Coffee Break</b>		
15:45–16:30		What to do with the extraction socket in the esthetic area?	Prof. Ronald E. Jung
16:30–17:00		Pre-operative soft tissue management in complex anterior cases	Prof. Ronald E. Jung
17:00–18:00		Comprehensive Case Presentation	Prof. Ronald E. Jung
18:00	<b>Workshop event: Dinner @UniTurm</b>		

## Friday, October 29th

08:30–09:15		Comprehensive Case Discussion	Prof. Ronald E. Jung
09:15–09:45		When should I use immediate implants?	Prof. Ronald E. Jung
09:45–10:15		Provisional reconstructions pre- and post-implantation when it comes to esthetic area	Dr. Stefan Bienz
10:15–10:45		Lateral incisors: Should I use an implant or a resin bonded bridge	Dr. Nadja Nänni
10:45–11:00	<b>Coffee Break</b>		
11:00–11:30		Where and when do zirconia implants make sense?	Dr. Marc Balmer
11:30–12:00		Bone Regeneration: What to do in which clinical situation?	Prof. Christoph Hämmerle
12:00–12:15		Guided tour of the clinic (Groups A + B)	Prof. Christoph Hämmerle Prof. Ronald E. Jung
12:15–13:45	<b>Lunch Break</b>		
13:45–15:00	<b>Hands-on training</b>	GBR in an anterior complex case and guided surgery using a 3D model	Dr. Nadja Nänni
15:00–15:30		Post-operative soft tissue management and abutment connection in the esthetic area	Prof. Daniel S. Thoma
15:30–16:00	<b>Coffee break</b>		
16:00–17:15	<b>Live surgery</b>	Soft tissue augmentation in the esthetic zone	Prof. Daniel S. Thoma
17:15–17:45		Anterior esthetics in completely edentulous cases	Dr. Elena Mühlemann Dr. Fabienne Baumann
17:45–18:30		Comprehensive Case Presentation	Prof. Christoph Hämmerle

## Saturday, October 30th

08:30–09:15		Comprehensive Case Discussion	Prof. Christoph Hämmerle
09:15–10:45	<b>Hands-on training</b>	Advanced soft tissue management and grafting techniques	Prof. Daniel S. Thoma
10:45–11:15	<b>Coffee Break</b>		
11:15–11:45		Optical impressions (Intraoral scanning): Indications and limitations	Dr. Alexis Ioannidis
11:45–12:15	<b>Hands-on training</b>	Customization of an impression transfer post in the esthetic zone	Dr. Alexis Ioannidis
12:15–12:45		Choice of the reconstructive materials: Metal, Ceramic or Polymer?	Prof. Mutlu Özcan
12:45–13:30	<b>Lunch Break</b>		
13:30–14:00		Digital technologies for the fabrication of the implant reconstructions	Dr. Alexis Ioannidis
14:00–14:30		Implant prosthodontics: How to choose the correct components for fixed reconstructions	Dr. Nadja Nänni
14:30–15:00		How to treat esthetic complications?	Dr. Stefan Bienz
15:00–15:30		Long term outcomes	Prof. Christoph Hämmerle
15:30–16:00		Distribution of certificates	Prof. Christoph Hämmerle
16:00	<b>End of the course</b>		

## Recommended online educational resources

We recommend the following online educational resources for course participants:



The Foundation for Oral Rehabilitation (FOR) contains over 300 video lectures from leading experts, 100 clinical cases, interactive ebooks and state-of-the-art treatment guidelines.

[for.org](http://for.org)



Dental Campus is a scientific association in dental medicine. It runs an innovative online educational platform providing well-structured programs in implant dentistry, provided by an international network of teaching centers.

[dental-campus.com](http://dental-campus.com)

## Your experts at the Clinic of Reconstructive Dentistry, University of Zurich



**Christoph H.F. Hämmerle**  
Prof. Dr. med. dent. Dr. h.c.  
Chairman of the Clinic of Reconstructive Dentistry

Christoph Hämmerle is certified in prosthodontics and periodontics and holds a specialist degree in Implant Dentistry. His clinical focus is on the comprehensive treatment of complex, partially edentulous patients applying all available options of reconstructive dentistry including dental implants. His main scientific interests encompass the biological and technological aspects of fixed reconstructions on teeth and implants as part of the overall restorative treatment concept. Specific areas include hard and soft tissue augmentation, imaging techniques, computer aided planning and treatment execution, as well as the clinical application and processing of ceramics, composites and hybrid materials. Other positions include Council member and Past President of the EAO and Honorary Board Member of Osteology Foundation.



**Ronald E. Jung**  
Prof. Dr. med. dent., PhD  
Head of the Division of Implantology

Ronald E. Jung is trained in oral surgery, prosthodontics, and implant therapy. He holds a PhD degree from the University of Amsterdam, ACTA and he worked as visiting Associate Professor at the Department of Restorative Dentistry and Biomaterials Sciences at Harvard School of Dental Medicine in Boston, USA. Prof. Jung is an internationally renowned lecturer and researcher best known for his work in the field of hard and soft tissue management. His research focus is on new technologies in implant dentistry. He is, among other positions, Member of the Board of Directors of the EAO, Board Member of Swiss Society of Reconstructive Dentistry, and Member of the Board of Directors of the Osteology Foundation.



**Daniel S. Thoma**  
Prof. Dr. med. dent.  
Head of Reconstructive Dentistry  
Vice-Chairman

Daniel Thoma was trained in implant dentistry and prosthodontics at the Clinic for Fixed and Removable Prosthodontics and Dental Material Sciences, University of Zurich, Switzerland. Dr. Thoma was the recipient of a scientific scholarship and spent one year at the Department of Periodontics, University of Texas, Health Science Center, San Antonio, USA. Dr. Thoma's clinical focus is on the comprehensive treatment of complex, partially edentulous patients using all available options of reconstructive dentistry including dental implants. His main scientific interest is related to hard and soft tissue regeneration. He has published numerous scientific and clinical articles in these fields. Dr Thoma is, among other positions, a member of Osteology Expert Council.



**Mutlu Özcan**  
Prof. Dr. med. dent., PhD  
Head of the Division of Dental Biomaterials

Mutlu Özcan earned her Dentistry Licentiate in Istanbul, Turkey, and her Dr. med. dent. degree in Cologne, Germany. After working as an invited visiting researcher at the University of Turku, Finland, she did her Doctorate in Medical Sciences (PhD) in Groningen. Her clinical expertise is in reconstructive dentistry, and her scientific focus is on translational and clinical research with emphasis on the development and application of dental biomaterials. She holds Honorary Professorship positions at various universities, including São Paulo State University (Brazil), University of Florida (USA), and University of Hong Kong (China). Prof. Özcan has authored more than 550 ISI Web of Science indexed original scientific and clinical publications, is a well-sought lecturer, receiver of several international awards, and serves on the editorial boards of numerous scientific journals. She is the recipient of the prestigious "2018 IADR Distinguished Scientist Wilmer Souder Award".



**Alexis Ioannidis**  
Dr. med. dent.

Senior Teaching and Research Assistant

Alexis Ioannidis graduated from the Center of Dental Medicine, University of Zurich, and received the Dr. med. dent. degree from the same University. He is a specialist for reconstructive dentistry, has a Master of Advanced Studies in Periodontology and Oral Implantology as well as a Certificate of postgraduate education in Oral Implantology. Dr. Ioannidis was the recipient of a scientific scholarship and spent 6 months as a research fellow at the Department of Biomaterials at the National and Kapodistrian University of Athens, Greece. His clinical focus is on the comprehensive treatment of complex, fully dentated or partially edentulous patients applying all available options of reconstructive dentistry including dental implants. He has published numerous scientific and clinical articles. His main scientific interest is related to minimally invasive treatment concepts in the field of reconstructive dentistry.



**Nadja Nänni**  
Dr. med. dent.

Senior Teaching and Research Assistant

Nadja Nänni graduated with a Master in Dental Medicine from the Center of Dental Medicine, University of Zurich, and received her Dr. med. dent. degree from the same University. She holds a title as Specialist of Reconstructive Dentistry and a Master in Oral Implantology. Dr. Nänni spent one year in Malmö and Gothenburg, Sweden as a guest researcher. Nadja Nänni leads both the undergraduate and postgraduate education programmes at the clinic, including the treatment of complex prosthodontic cases. Her clinical focus encompasses the treatment of complex and esthetic cases using all aspects of reconstructive and implant dentistry. She is part of the interdisciplinary team for periimplantitis, which focuses on the diagnosis and treatment of peri-implant diseases. Her scientific interests include prosthodontics, implant dentistry and regenerative procedures.



**Fabienne Baumann**  
Dr. med. dent.

Senior Teaching and Research Assistant

Fabienne Baumann graduated from the University of Zurich in 2012 and received postgraduate training in removable prosthodontics. She holds the position as Senior Teaching and Research and Research Assistant at the Clinic of Reconstructive Dentistry in Zurich. Her clinical focus is on the treatment of complex, partially and fully edentulous patients using all available options of removable prosthodontics including dental implants.



**Marc Balmer**  
Dr. med. dent.

Senior Teaching and Research Assistant

Marc Balmer graduated at the Center of Dental Medicine, University of Zurich, and received his Dr. med. dent. degree from the same University. He holds a degree of postgraduate education in general dentistry, a title of Specialist in Reconstructive Dentistry and a Master of Implantology. Marc Balmer's clinical focus is the treatment of complex and esthetic cases using all aspects of reconstructive dentistry including implant dentistry. He is responsible for knowledge management and digital education at the clinic. He has published numerous scientific and clinical articles, and his scientific interests include prosthodontics and implant dentistry with a focus on ceramic materials.



**Stefan Bienz**  
Dr. med. dent.

Senior Teaching and Research Assistant

Stefan Bienz graduated with a Master in Dental Medicine at the Center of Dental Medicine, University of Zurich, Switzerland in 2011 and received the "doctor medicinae dentium" (Dr. med. dent.) from the same University in 2014. After a 5-year period as full-time associate in the private practices of Dr. Andreas Grimm and Dr. Ueli Grunder, he completed the 3-year postgraduate training at the Clinic of Reconstructive Dentistry, University of Zurich (2016-2018). He received a Master in Oral Implantology from the University of Zurich in 2019. He holds the position of a full-time Senior Research and Teaching Assistant at the Clinic of Reconstructive Dentistry, University of Zurich, Switzerland. Stefan Bienz's clinical work encompasses complex and esthetic cases including all aspects of hard and soft tissue regeneration, dental implants and reconstructive dentistry. His scientific focus lies on soft and hard tissue regeneration. In the last four years, his efforts resulted in over 15 publications and several research prizes.



**Elena Mühlemann**  
Dr. med. dent.

Senior Teaching and Research Assistant

Elena Mühlemann graduated from the Faculty of Medicine at the National University of Uzhhorod, Ukraine, and received the Dr. med. degree from the Faculty of medicine in Zurich. She later started her career in dentistry by obtaining her Dr. med. dent Degree from the Center of Dental Medicine, University of Zurich, Switzerland. She is trained in removable prosthodontics and has been full-time Senior Teaching and Research Assistant at the Clinic of Reconstructive Dentistry at the University of Zurich, Switzerland for the last 4 years. Her focus is on the treatment of complex, partially and fully edentulous patients using all available options of removable prosthodontics including dental implants.

## Online registration

[nobelbiocare.com/education](https://nobelbiocare.com/education)



## Further information

Participation fee: CHF 2,850.– excl. VAT  
Registration fee includes beverages, coffee breaks, lunches and one event dinner on Thursday Oct 28th.

\*2020 ONLINE EVENT participants will receive a discount of 150.00 CHF.

Participant numbers: 20–40 max

Certificate includes 21 CME credits

## Venue

Center of Dental Medicine  
University of Zurich  
Plattenstrasse 11  
8032 Zurich  
Switzerland

## Hotel recommendations

**Hotel Plattenhof**  
[plattenhof.ch/en/](https://plattenhof.ch/en/)  
Discount code: Nobel Biocare 2021

**Hotel Zurichberg**  
[sorellhotels.com/en/zuerichberg/zuerich](https://sorellhotels.com/en/zuerichberg/zuerich)  
Discount code: Nobel Biocare

**Hotel Krone Unterstrass**  
[hotel-krone.ch/en/](https://hotel-krone.ch/en/)  
Discount code: Nobel Biocare

## Course organizer & local contact

**Jane Fairhurst Glaus**  
Nobel Biocare Services AG  
Switzerland

[jane.fairhurst@nobelbiocare.com](mailto:jane.fairhurst@nobelbiocare.com)  
+ 41 79 432 17 97

### Travel costs

Nobel Biocare is not responsible for reimbursing prepaid customer travel costs (including non-refundable costs). We recommend that participants schedule and purchase airfare and hotel accommodation taking this aspect into account.

### Cancellation policy

The participant has the right to request full reimbursement of the registration fee if cancellation occurs no later than 30 days prior to the start of the course. The organizer reserves the right to cancel the course 30 days before the start date in case the minimum number of participants is not reached. In this case the registration fee will be reimbursed.

[nobelbiocare.com/education](https://nobelbiocare.com/education)

