How to optimize outcomes in implant therapy: Key treatment planning, surgical and prosthetics aspects.

Successful and predictable implant therapy starts with a systemic and local risk assessment, and continues with adequate gathering of 3D imaging, as well as intra- and extraoral surface scans. Computer aided planning software then allows the design and clinical execution of the final surgical and prosthetic results.

Implant site assessment must be part of this pre-operative assessment especially when implants are placed in fresh extraction sockets. Indeed, after tooth extraction, biological processes are initiated which lead to bone resorption, including the buccal wall and soft tissue, potentially resulting in peri-implant soft tissue recession unless the implant site is adequately preserved. This can be particularly challenging in sites with a thin tissue biotype, a lack of keratinized mucosa or soft tissue deficiencies. In these instances, additional soft tissue regeneration techniques are mandatory before implant placement or bone regeneration. While autogenous soft tissue grafts are considered the treatment of choice in such situations, they are associated with significant patient morbidity. Recent scientific research and clinical applications, aimed at developing collagenous compounds for functional and esthetic soft tissue augmentation, will be thoroughly described.

In addition to soft tissues management, the use of Guided Bone Regeneration during implant placement will be presented. Key factors governing the choice of barrier and graft materials as well as surgical techniques will be explained based on the anatomy of the recipient site and the planned augmentation outcome. Data has indeed shown that dehiscence, fenestration and infra-bony-type defects can be successfully treated with resorbable barriers and xenograft, while a larger defect may necessitate a different approach.

Regardless of the supporting structures, complex clinical situations ultimately involve the design and fabrication of teeth- and implant-supported prostheses. In these cases, a digital workflow may replace the traditional steps necessary for the design and fabrication of the final reconstructions. While several materials and manufacturing workflows are available, the right choice is often elusive and poses a challenge to the clinician. This lecture will show how optimal results can be achieved, while explaining material, workflow and therapeutic decisions.

Education and Learning Objectives:

Following the discussion, participants will:

A) Understand the importance of defining the treatment outcome before initiating treatment.
B) Gain a greater insight into the productive and efficient use of digital planning procedures.
C) Appreciate the best timing and techniques for preserving and regenerating hard and soft tissues at implant sites.
D) Recognize advantages and disadvantages of different restorative materials and understand their indications for clinical use.

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Eastman Institute for Oral Health Continuing Education

41st Annual Allen A. Brewer Prosthodontic Conference

Featuring

Christoph H.F. Hämmerle,
Prof. Dr. Dr. h. c.,

Professor Emeritus and former Chair, Clinic of Reconstructive Dentistry, University of Zurich, Switzerland; Board Member, Swiss Society for Reconstructive Dentistry; Board Member, IADR Continental European Division; Chairman, Swiss Committee for Specialization in Reconstructive Dentistry; President, Dental Campus Association; Past President, Osteology Foundation; Past President, European Association for Osseointegration

June 17, 2022

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ABOUT THE SPEAKER

Christoph H.F. Hämmerle,
Prof. Dr. Dr. h. c.

Christoph Hammerle is the Professor Emeritus and former Chair of the Clinic of Reconstructive Dentistry of the University of Zurich, Switzerland. He is certified in prosthodontics and periodontics and holds a specialist degree in implant dentistry of the Swiss Society of Odontology. His main interests encompass the biological and technological aspects of fixed prosthodontics on teeth and implants, including hard and soft tissue augmentation, imaging techniques, digital dentistry, and clinical applications and processing aspects of ceramics, composites and hybrid materials. He received an Honorary Doctorate from the University of Athens, Greece, as well as honorary memberships from the European Association for Osseointegration, the Osteology Foundation and the Swiss Society for Reconstructive Dentistry. He is a recipient of the Jerome M. and Dorothy Schweitzer Research Award of the Greater New York Academy of Prosthodontics. He has published more than 350 articles (Scopus H-factor 84) and has extensively lectured internationally. He has served on the organizing committees of the Swiss Society of Periodontology, EAO Annual Congresses, EAO Consensus Conferences, Workshops of the European Federation of Periodontology and the Osteology Foundation.

Schedule of Events

8:00–8:45am.... Registration & Continental Breakfast

8:45–9:00am.... Opening Remarks

Eli Eliav, DMD, PhD
Director, Eastman Institute for Oral Health

Carlo Ercoli, DDS
Chairman, Prosthodontics Department

9:00–10:15am....... Lecture – Dr. Christoph H.F. Hämmerle

10:15–10:30am..... Break

10:30–12:00pm..... Lecture – Dr. Christoph H.F. Hämmerle

12:00–12:45pm..... Lunch & Resident Table Clinics

12:45–2:00pm....... Lecture – Dr. Christoph H.F. Hämmerle

2:00–2:15pm......... Break

2:15–4:00pm......... Lecture – Dr. Christoph H.F. Hämmerle

4:00–4:45pm......... Discussion

Conference Date and Location

June 17, 2022
DoubleTree by Hilton Hotel of Rochester
1111 Jefferson Rd. Rochester, NY 14623

Registration Fee

Registration deadline is June 10
(includes breaks and lunch)

	Through June 5	After June 5
Dentists	$340	$360
Technicians	$215	$235
EIOH FT/PT Faculty	$200	$220
Auxiliaries	$150	$170
Residents	$55	$75

Please register by June 10

Cancellation: Tuition will be refunded until June 10 with a $20 cancellation charge.

Course Credits

Continuing Dental Education Credits: 7

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Hotel Reservation

DoubleTree by Hilton Hotel of Rochester
Brewer Conference Rate of $119/night
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Reservation Deadline:
May 16
Check-in time: 3:00PM

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Table clinics are presented by Eastman Institute for Oral Health's Prosthodontic residents.

For More Information

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Selected Past Speakers

Dr. Will Martin	Dr. Gerard J. Chiche
Dr. Ricardo Mitrani	Dr. John A. Sorensen
Dr. German O. Gallucci	Dr. Ron Jarvis
Dr. Lyndon F. Cooper	Dr. Jeffery P. Okeson
Dr. Charles J. Goodacre	Dr. H.P. Weber
Dr. John Kois	Dr. K. Malament
Dr. John McLean	Dr. Frank Higginbottom
Dr. Charles McNeill	Dr. Urs C. Belser
Dr. Herbert T. Schillinburg, Jr.	Dr. J. Robert Kelly
Dr. Stephen Parel	Dr. Thomas D. Taylor
Dr. Kenneth Hebel	Dr. Dan Nathanson
Dr. Glen P. McGivney	Dr. Eli Eliav
Dr. Ralph Phillips	Dr. Avishai Sadan
Dr. Dennis Tarnow	Dr. Dean Morton
Dr. George Zarb	

Eastman Institute for Oral Health   41st Annual Allen A. Brewer Prosthodontic Conference

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