STEIGMANN
implant institute

SCHOOL OF DENTISTRY
UNIVERSITY OF MICHIGAN

March 18-23, 2019

“I have always enjoyed Dr. Steigmann’s lecture because it is practical, insightful and supported with sound rationale”

Prof. Hom Lay Wang

Dr. Marius Steigmann

Private practice in **Neckargemünd** (near Heidelberg) and Frankfurt/Germany limited to Aesthetic and Implant Dentistry.

Adjunct Clinical Associate Professor **University of Michigan** Dpt. Of Periodontics.

Adjunct. Assistant Professor **Boston University**.

Adjunct Assistant Professor **University of Pennsylvania** Dpt. of Endodontics.

Honorary Professor of the „Carol Davila“ **University Bucharest**,
Invited Senior Guest,

Visiting Professor **University of Szeged** faculty of dentistry,

Visiting Professor Department of Implantology in **Temeschburg**.

Dr. Steigmann lectures and publishes extensively.

Member of several associations (such as DGOI, FIZ,BDIZ und ICOI).

Diplomate of the ICOI and other European societies, **PHD** Summa cum laude 2005

from University of Neumarkt.

Founder and Scientific Chairman of “Update Implantologie Heidelberg” 2002-2012.

Founder and Director of the “Steigmann Institute”

“Dr. Steigmann is a unique teacher and clinician. He has the ability to provide day to day clinical knowledge, in a easy to understand manner and is a recognized leader in aesthetic reconstructive dentristry. Don’t miss an opportunity to learn from this Master Clinician"
Team Atlanta - Maurice Salama, David Garber, Henry Salama

Dr. William Giannobile, D.D.S., D.Med.Sc

Dr. William Giannobile is the Najjar Endowed Professor & Chair of the Department of Periodontics and Oral Medicine at the University of Michigan School of Dentistry. He is also a Professor of Biomedical Engineering at the College of Engineering. He received his DDS and MS in Oral Biology from the University of Missouri. He later received his Certificate in Periodontology and Doctor of Medical Sciences in Oral Biology from Harvard University. He completed postdoctoral training in Molecular Biology at the Dana-Farber Cancer Institute and Harvard Medical School. Dr. Giannobile previously served as a faculty member at Harvard and the Forsyth Institute. He has served as a Visiting Professor at the University of Genoa Medical School Biotechnology Institute and in the Department of Periodontology at the Eastman Dental Institute, University College London.

Dr. Giannobile’s continuously NIH funded research program over the past 20 years has focused on Oral and Periodontal Regenerative Medicine, Tissue Engineering and Personalized Medicine. Dr. Giannobile currently serves as the Editor-in-Chief for the Journal of Dental Research, the official journal of the International Association for Dental Research. He is a past-president of the American Academy of Periodontology Foundation. Dr. Giannobile is a consultant to the U.S. Food and Drug Administration for Dental Devices. He is a Fellow of the American Association for the Advancement of Science (AAAS) and a Fellow of the American and International Colleges of Dentists. He currently serves as the Co-Principal Investigator of the NIH-funded Michigan-Pittsburgh-Wyss Regenerative Medicine Resource Center that focuses on the translation of regenerative technologies to the clinical arena. Dr. Giannobile is a diplomate of the American Board of Periodontology and participates in a practice limited to periodontics and implant dentistry in Ann Arbor.

Philosophy & Modules

Over the years we realized that specific skills in handling tissues are the priority in implant therapy. Adjusting soft tissue handling to the specific anatomy and biotype of each patient. For this reason the courses at Steigmann Institute focus to teach these specific, valid techniques during surgery and prosthetics in a unique comprehensive way. Hands-On on human like tissue helps incorporate up-to-date scientific based surgical approach in daily practice. Finding out there is a need for a more structured approach in learning about the soft tissue, we offer the whole range of soft tissue management for every location in the oral cavity:
1. Module 1 - For Bone Augmentation | 2. Module 2 - For the Aesthetic Zone | 3. Module 3 - Prosthetic Soft Tissue Development | 4. Module 4 - Complication and Full Arch Restoration |5. Module 5 – For Vertical Augmentation

Module 4

With the increasing number of implants placed in the aesthetic zone immediate or delayed we face soft tissue complications like recession of the soft tissue and papilla loss. This course will show individualized approaches to correct papilla loss in the aesthetic zone with the help of modern flap design techniques.
With the incising demand of an aesthetic outcome, soft tissue management for full arch restoration has become a necessity.

See more on page 6–7

Module 5

Vertical bone loss represents a major surgical challenge in the implant treatment of the posterior mandible, due to anatomical factors and technical difficulties. For this reason special techniques are necessary for the lingual, buccal and palatal flap management.
A proper management of the soft tissues is a crucial point for the success in of this kind of regenerative procedure.

See more on page 8–9

SCHOOL OF DENTISTRY
PERIODONTICS AND ORAL MEDICINE
UNIVERSITY OF MICHIGAN

Michigan Lecture

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Part 1: Periodontal Regenerative Medicine: The Future is Now!

Part 2: Oral Systemic Inter-relationships: Implications to Patient Care

Part 3: Precision Medicine in Periodontology: How to Translate Research Innovations into Personalized Care

See more on page 10–11

DAY 1

Soft Tissue Complications and Full Arch Restoration

- Preventing and repair of soft tissue complications around implants
- Gingival recession around implants-how to repair
- Papilla development after papilla loss
- Prosthetic soft tissue solutions
- Peri-implantitis diagnostic:
  - Non aesthetic zone
  - Aesthetic zone
- Treatment of Peri-implantitis in the aesthetic &non aesthetic zone
- Compression necrosis
- Prevention and maintenance of marginal bone loss

DAY 2

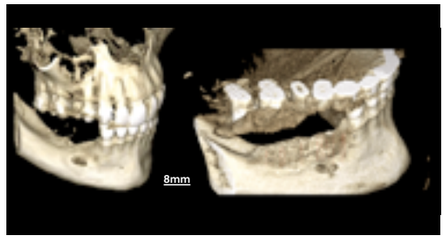
- Soft tissue development for multiple implants in the aesthetic zone
- Fabrication and design of temporaries for soft tissue development
- Therapy planning in full arch reconstruction for high aesthetic demand
- Galvano formed prosthetic treatment in Maxillary full arch treatment
- Different treatment options for full arch reconstruction
- Fabrication and design of temporaries for soft tissue development

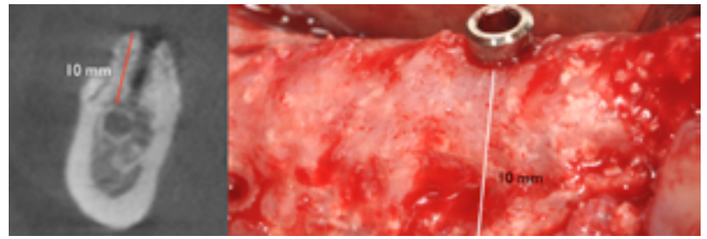
DAY 1

Soft Tissue Management for Vertical Augmentation

- Anatomical implications for vertical augmentation
- Grafting materials
- Soft tissue management for vertical augmentation In the mandible – thick biotype vs. thin biotype
- Buccal flap management &lingual flap manipulation For small and high volume augmentation
- Soft tissue management for vertical augmentation In the posterior maxilla
- Soft tissue management for vertical augmentation aesthetic zone
- Grafting materials for the maxilla
- Incision Flap design for Vertical augmentation in the aesthetic zone
- Suturing techniques for vertical augmentation dependent on the location

DAY 2





- Incision flap designe & suture for vertical augmentation –mandible: incision &Buccal flap management-Lingual flap management
- Suturing techniques –tension suture /reposition suture
- Incision flap design flap preparation & suture for vertical augmentation in frontal maxilla

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Part 1: Periodontal Regenerative Medicine: The Future is Now!

Repair of alveolar bone defects caused by periodontal and peri-implant tissue destruction is a major goal of oral reconstructive therapy. The field of regenerative medicine combines advances in materials science and biology to repair tissues and organs. Bone tissue engineering has been achieved with limited success by the utilization of barrier membranes, space fillers, and block grafting techniques. The use of biologics such as growth factors have entered into the clinical arena to offer another tool to treat periodontal lesions. This presentation will review emerging therapies in the areas of materials science, 3D printing, growth factor biology and cell therapies. Results from preclinical and clinical trials will be presented using stem cells, 3D printing and growth factors. The presentation will conclude with a future perspective on the use of novel biomimetic approaches such biomimetic scaffolding materials with the potential of accelerating dental implant osseointegration and periodontal tissue repair.

Part 2: Oral Systemic Inter-relationships: Implications to Patient Care

There are many emerging systemic conditions such as cardiovascular disease, diabetes, arthritis, osteoporosis and others that have an impact on oral health. This lecture will highlight advances in the better identification and understanding of these disease inter-relationships based on the most current evidence. Coordination with other healthcare professionals and patient management will be discussed.

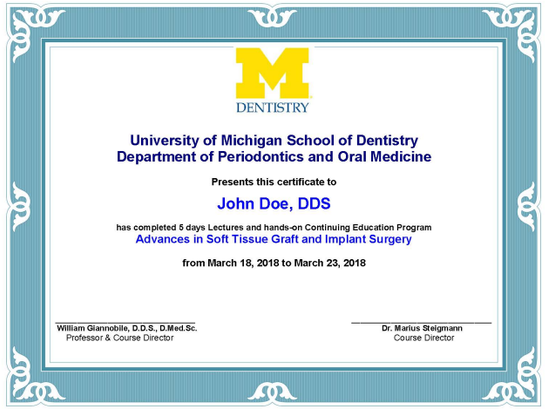
Early Bird Registration: 4,900 € until December 31, 2018

Late Registration: 5,159 €

Part 3: Precision Medicine in Periodontology:

How to Translate Research Innovations into Personalized Care

The use of personalized/precision medicine includes the “4 P’s” of predictive, preventive, personalized and participatory for improved patient care. This presentation will highlight the use of these approaches to the oral health arena for the improved diagnostic and prognostic approaches for dental patients. The presentation will highlight advances in oral diagnostics such as saliva-based technologies that can measure protein, gene and microbial biomarkers of disease that may have application for patient care. Many of these tests are under development that could have chair-side applications with hand-held devices as rapid point-of-care (POC) use. The use of such tests may have clinical utility in identifying patients at high risk and low risk for adverse clinical outcomes such as tooth loss or in determining treatment approaches and periodontal therapies. The concept of patient stratification will be presented that has been applied in many areas of medicine such as in customized cancer therapeutics and in public health scenarios.


DENTISTRY

University of Michigan School of Dentistry
Department of Periodontics and Oral Medicine

Presents this certificate to

John Doe, DDS

has completed 5 days Lectures and hands-on Continuing Education Program
Advances in Soft Tissue Graft and Implant Surgery

from March 18, 2018 to March 23, 2018

William Giannobile, D.D.S., D.Med.Sc.
Professor & Course Director

Dr. Marius Steigmann
Course Director


STEIGMANN INSTITUTE

Certificate of Participation

Awarded to

Dr. John Doe

For successfully completing Lecture / Hands-On Course

Soft Tissue Management

Module 4 - Soft Tissue Complication and Full Arch Restoration

Module 5 - Soft Tissue Management for Vertical Augmentation

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