

# Nikos MATTHEOS

Courses 2019-2020

- **October 25th**, 9:00am-5:00pm  
Maxillary Sinus Grafting:  
25 years of Experience  
Pascal Valentini / N. Mattheos
- **November 2019- February 2020**  
Implant Dentistry in  
Modern Comprehensive Care  
A Foundation Certificate Course in  
Implant Dentistry
- **November 23rd-24th**, 9:00am-5:30pm  
2-day Masterclass in  
Implant Complications  
N. Mattheos / M. Janda
- **May 9th-10th 2020**, 9:00am-5:30pm  
Master Course:  
Decision Making in the Aesthetic Zone

Center of  
Dental Education

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Advancing dental education  
in Hong Kong and Macau

# 2-day Masterclass in Implant Complications

Speakers: Dr. Nikos Mattheos  
Dr. Martin Janda

## Course content:

The increasing application of dental implants has resulted not only in a significant increase in the frequency, but also complexity of problems we encounter with implant patients. Given the invasiveness and cost of implant therapy, as well as the patients' expectations, implant complications can jeopardise treatment success and significantly affect patients' satisfaction and trust. Typically implant complications have been classified as biological (mainly involving inflammation or pathology of the peri-implant tissues) and technical (involving the various implant or prosthesis components). These two major groups of complications have been traditionally examined as separate and non-related pathologies. Nevertheless, increasing evidence points to the close interrelation between biology and technology. Whether clinically manifested as screw loosening, Veneer chipping or plaque induced peri-implantitis, very often, a biological problem could be the underlying factor for a technical failure and vice versa. Consequently, understanding of both biological pathogenic mechanisms, technical limitations as well proper comprehensive pre-therapeutically treatment planning is the key for the prevention and successful management of implant complications.

This hands-on, evidence-based yet highly practical course will adopt a comprehensive and inquisitive point of view, aiming to identify the common underlying factors of the most frequent types of problems encountered with dental implant treatments, whether this is technical or biological. Guided by actual patient cases, we will investigate the interrelation between the biological and technical causes and design the proper strategies for the prevention, the early diagnosis and management of implant related problems. Finally, the course will include two extensive hands-on sessions, where participants will have the chance to practice complex procedures related to the management of 1) technical complications such as screw fracture etc. and 2) the design and execution of peri-implantitis surgical interventions.



9:00am-5:00pm  
17/F, CEO Tower, 77 Wing Hong Street,  
Cheung Sha Wan, Kowloon

**Seminar Only**  
HK\$11,500 (**Earlybird: HK\$10,000**)

Max. 60 participants

**Seminar and Hands-on**  
HK\$13,500 (**Earlybird: HK\$12,000**)  
(**Earlybird till September 25th, 2019**)  
Max. 20 participants

Co-Organiser: Advance Dental Consulting Ltd.



For registration, please contact Ms. Hannah Chi / Ms. Stacie Law at +852 8481 1770  
or [courses@cde-dental.com](mailto:courses@cde-dental.com)

23  
November

### Day 1 Seminar (9:00 - 17:00)

Implant Complications: The Interdependence of Biology and Technology.

The Surgical and Prosthodontic interplay in the development of most common complications of implant therapy.

Causes, prevention concepts and current management strategies and techniques  
Bio-Technical Complications:

- Veneer chipping and fracture
- Screw loosening and abutment loosening
- Screw fracture and abutment fracture

Reasons why complications occur

How to prevent and Manage major complications:

- Handling of a worn screw head
- How to remove a fractured screw or a bend screw
- How to remove a cement retained crown

24  
November

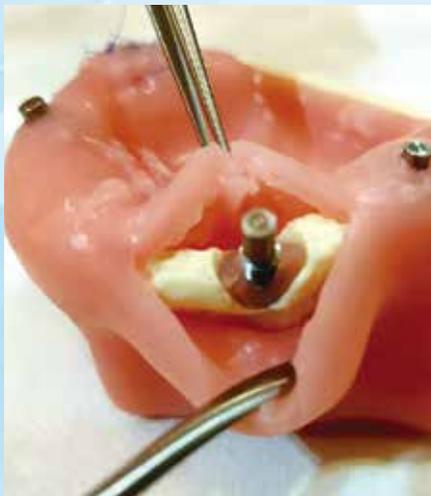
### Day 2 Seminar (9:00 - 13:00)

Biological complications and Peri-implant tissue inflammations

- Diagnosis and Aetiopathogenesis of peri-implant inflammation
- Management of Mucositis and Peri-implantitis
- Surgical management of Peri-implantitis - Strategies, Decision Making and Outcomes
- Maintenance and Prevention Strategies

### Hands-on Workshop (14:00 - 17:00, Limited Seats)

1. Surgical treatment of peri-implantitis - Regenerative approach
2. Surgical treatment of peri-implantitis - Resective approach
3. Flap design, implant disinfection using Ti brushes and maintenance kit
4. Soft and hard tissue augmentation techniques - Flap design and suturing



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## About the Masterclass Team

Dr. Nikos Mattheos and Dr. Martin Janda's collaboration dates back to the early 2000, when they both were PhD students in the Faculty of Odontology, Malmoe University in Sweden. Back then - when Internet was still in its infancy, they worked together in Information Technology for teaching and learning. As part of their research they developed pioneering projects such as Virtual Patients and Virtual Classrooms and published some classic studies in on-line pedagogy. They shared many scientific publications and the prestigious IADR Young Researcher's Award in 2003.



After that they followed supplementary pathways. Martin Janda specialized in Prosthodontics in Malmoe, Sweden, while Nikos Mattheos in Periodontology in the University of Bern, Switzerland. They continued to collaborate around the world in teaching and research with focus in Implant Dentistry. Martin Janda pursued research on the impact of technical prosthesis design in various types of complications, while Nikos Mattheos conducted several studies on peri-implant tissues microbiome and pathogenesis, as well as bone regeneration and management of peri-implantitis.

Martin and Nikos met again at Griffith University in Australia where they designed a Masters' course and they conducted a series of experiments investigating the implant-abutment connection showing its importance for long term stability of prosthesis but also biological outcomes. Martin Janda is currently a specialist prosthodontist in Lund, Sweden and Honorary Associate Professor of the University of Hong Kong. Nikos Mattheos is Clinical Associate Professor and Programme Director of Implant Dentistry postgraduate studies in the University of Hong Kong.

Through their shared affiliation they continue their research and teaching focused on bio-technical complications and the role of design and treatment planning in maintaining long term successful outcomes. As they have co-authored a handbook and several scientific publications on implant complications, this course is the intersection of science with clinical experience, aiming to give you a completely new understanding - evidence based yet practice driven - on how to design and execute implant therapy!

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# REGISTRATION FORM

## Personal Details

Title: Prof. Dr. Mr. Ms

Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Modern Doctor Code: \_\_\_\_\_  
(if available)

Address: \_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_

Email: \_\_\_\_\_

## Registration Fee

Course Name:  
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\_\_\_\_\_  
\_\_\_\_\_

Amount: \_\_\_\_\_

Cheque no: \_\_\_\_\_

Bank: \_\_\_\_\_

Please send a cheque payable to **Center of Dental Education Ltd.**  
with this form to Ms. Hannah Chi, 17/F, CEO Tower, 77 Wing Hong Street,  
Cheung Sha Wan, Kowloon, Hong Kong

