Diploma Advanced Master Course in Implant Surgery and Oral Rehabilitation

Under the auspices of

Titu Maiorescu University
Bucharest, Romania

08.09.16 - 12.09.16

Under the instruction of University Dean Prof. Horia Barbu, Prof. Adi Lorian, Adin Mentor and the president of the university.
Summary

**Module 1, India**- Fundamental science in implant dentistry  
Part 1- Theory  
Part 2- Pre-operative steps  
Workshop- on Mandibles

**Module 2, India**- Bone augmentation in implant dentistry  
Part 1- Theory  
Part 2- Bone Grafting Techniques and Procedures in Implant Dentistry

**Module 3, India**- Prosthetic concepts in dental Implantology  
Workshop

**Module 4, Romania/India**- Advanced Surgical Techniques  
Part 1- Sinus Lift Augmentation  
Part 2- Complications in Sinus Lift Procedures  
Part 3- Complications in Implant Dentistry  
Part 4- Highly advanced techniques used in implant surgery
Implant Surgery Training Program

Module 1 - Fundamental science in implant dentistry

Part 1 - Theory
1. Introduction to implantology and implant surgery.


3. Osseointegration through the history of dentistry and for the future
   • Mechanics (implant design, surfaces used)
   • Enhanced osseointegration, bone and tissue regeneration strategies

4. Local and general assessment and selection of patient:
   • Indications
   • Contraindications

5. Risk assessment, do we consider the patient or not?

6. Implant treatment planning
   • Indications
   • Contraindications
   • Bone Evaluation
   • Bone quality & Bone quantity
   • Soft tissue consideration & Flap design.
   • Suturing.

7. Surgical template and CT scan.
   • Radiology planning for dental implants
   • How to prepare an optimal stent.
   • Bone, teeth, tissue- supported guide: pros and cons
   • Oral hygiene protocol for implants.

8. Informed Consent.

Part 2 - Pre-operative steps:
• Sterile procedures details for implant surgery
• Surgical kit
• Drilling sequence
• Physio dispenser
• Ultrasonic bone surgery devices
• Surgical instruments
• Disposable clothing kit
• Maintenance for the surgical kit and instruments

Work-shop on Mandibles:
Objectives: during this work-shop the course participants will have the opportunity to learn about:
• Instrumentarium for implant surgery: basic surgical kit and Adin surgical kit
• Different types of incision
• Flap designs
• Implant site development according to local bone density
• Flap management before suturing
• Types of suture and suturing techniques
Module 2- Bone augmentation in implant dentistry

Part 1- Theory
1. Aesthetic and anatomical considerations in implant dentistry: minimum required procedures for obtaining an aesthetic residual ridge
   • Residual ridge preservation in aesthetic regions
   1. Why?
2. How? (surgical and prosthetic principles)
3. With what? (indications, materials, instruments)
   • Post-extraction socket: immediate vs. delayed insertion of the implant in aesthetic regions- indications according to clinical studies
   • Buccal cortical deficiencies due to tooth extraction: bone deficiencies classification and management
   • Ridge deficiencies in aesthetic regions: classification, detailed treatment protocol for predictable 3D reconstruction.
   • Multi-disciplinary management for aesthetic dental restorations regardless of edentulous region length
   • Suture techniques in bone grafting
   • Methods for obtaining hemostasis in implantology

Part 2- Bone Grafting Techniques and Procedures in Implant Dentistry
Impact of anatomy, physiology of oral cavity and different donor sites in planning and applying various surgical techniques:
1. Benefits of using CBCT and simulation software for bone grafts
2. Surgery principles for bone augmentation techniques
3. Mechanisms of grafted bone healing process
4. Treatment options available: risk/benefits ratio for patients with anatomical deficiencies of the residual ridge
5. Reducing patient morbidity: surgical steps for a correct approach in cases with underlying bone graft

Module 3- Prosthetic concepts in dental Implantology

1. Single tooth replacement
2. Screw retained
3. Cemented retained bridges
4. Over-denture
5. Bar retained prosthesis

Workshop:
6. Prosthetic parts
7. Taking impressions on implants placed in synthetic mandibles
8. Case presentation with sequence for implant restorations
Module 4 - Advanced Surgical Techniques

Part 1 - Sinus Lift Augmentation
Impact of anatomy, physiology of the maxillary sinus in planning and applying different surgical techniques
Topics:
1. History
2. Applied anatomy
3. Physiology
4. Imaging - Panoramic, CT
5. Indications and Contraindications
6. Pre-and Post-op medication
Sinus lift techniques through lateral or ridge approach and sub-antral bone augmentation together with immediate or delayed insertion of implants
Topics:
1. Surgical instruments, special devices, bone graft materials, growth factors, ultrasonic bone devices for surgery
2. Closed sinus techniques
3. Lateral window technique
4. One stage versus Two stage
5. 12 years survival data of sinus lift

Part 2 - Complications in Sinus Lift Procedures
1. Patient assessment
2. Intra-op
3. Post-op - early and late

Part 3 - Complications in Implant Dentistry
Complications in Bone Grafting Procedures, How to avoid complications that can appear during bone augmentation
1. Patient assessment
2. Intra-op
3. Post-op - early and late

Part 4 - Highly advanced techniques used in implant surgery
1. Subnasal augmentation
2. Sandwich technique
3. Zygomatic implants
4. Immediate implantation
5. Immediate loading of dental implants
6. Nerve repositioning
7. Vertical reconstruction using bone block
<table>
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<tr>
<th>Date</th>
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| 08.09.2016, Thursday | Arrival in Bucharest  
Transfer to the hotel  
Check-in at 4* Hotel in Bucharest |
| 09.09.2016, Friday   | Breakfast at the hotel  
Congress Day  
Accommodation in 4* Hotel in Bucharest |
| 10.09.2016, Saturday  | Breakfast at the hotel  
Congress Day  
Accommodation in 4* Hotel in Bucharest |
| 11.09.2016, Sunday    | 08:00- After breakfast- pick-up from the hotel and departure to Sinaia with our English speaking guide  
10:30- Approximately arrival in Sinaia. Visit of the Peles Castle  
12:30- Visit of the Sinaia Monastery  
13:00- 14:30 – Lunch  
16:00- Visit the Bran Castle in Bran  
17:30- Departure to Bucharest  
20:30- Estimated arrival time in Bucharest and drop off at the Hotel |
| 12.09.2016, Monday   | Breakfast at the hotel, check-out and “farewell” to your Romanian Adventure  
Transfer to the airport |
The Mentors

Prof. Adi Lorean, D.M.D

Dr. Adi Lorean completed his Maxillofacial training at Poriya Governmental Hospital in Israel and Queen Victoria Hospital at East Greenstead, England, in 1997. Since 2000 he works and serves as the medical advisor at the dental department of Laniado Hospital. He also currently serves as a Surgical Consultant for Brainsgate Ltd. In 1988-2005, he worked at Poriya Hospital. Dr. Lorean has a rich experience in minor oral surgery, implantology, bone augmentation, and conducted several courses and lectures on these subjects.

Dr. Lorean is an Associate Professor at Titu Maiorescu University in Bucharest, Romania, and a lecturer at the Maxillofacial Department at the Tel-Aviv University School of Dental Medicine. He is a member of the IOMSA (Israeli Oral and Maxillofacial Surgery Association), and is involved in research and development of surgical techniques and instruments. Main areas of interest are treatment of maxillofacial trauma, implantology, professional consulting in biotechnology research and development.

Dr. Lorean maintains a private practice both in Tiberias and Kiryat Ata, Israel.

Prof. Horia Barbu, D.M.D

Dr. Horia Barbu is presently the Dean of the Faculty of Dental Medicine within Titu Maiorescu University, Bucharest, Romania.

Dr. Horia Barbu is the Head of Oral Surgery and Oral Implantology Department for licence students and for the implant master program within Titu Maiorescu University, Bucharest, Romania.

Dr. Horia Barbu has completed graduate training in oral surgery in Bucharest, Romania in 2006. Since 2007, Dr. Horia Barbu is spending at least 1 month a year in Israel enriching his knowledge and improving his techniques in implant surgery, being involved in clinical research in the field of guided bone regeneration, bone augmentation and sinus augmentation using various growth factors.

His PhD research was focused on endocrinology, implant surgery, osteoporosis and osteonecrosis of the jaws. Dr. Horia Barbu graduated 2 master programs (Implanto-Prosthetic Oral Rehabilitation at Carol Davila University and Metallic Materials in Medicine at Politechnic University in Bucharest).

His collaborative research efforts over the last years have resulted in numerous publications covering a wide range in the field of implantology and endocrinology on sinus augmentations, guided bone regeneration, inferior alveolar nerve repositioning, osteoporosis, immediate loading of dental implants.

Dr. Horia Barbu has been invited to present his research findings as well as the outcomes of his clinical cases in numerous national and international congresses and conferences. Dr. Horia Barbu also organizes international congresses and advanced implantology courses.

Dr. Horia Barbu is the founder of the “IADET – Institute of Advance Dental Education and Training” – Europe Branch and the founder of “Dr. Barbu Dental Clinic” maintaining a limited practice in implant surgery in Bucharest, Romania.
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Email: drpunitkrbansal@gmail.com
City/State: Yamuna Nagar/Haryana
**Terms and Conditions**

**Advanced Module in Romania**

1. Diploma Advanced Master course Certificate
2. 3 Modules in India, train by Adin Mentor (there will be few simulations courses in few locations in India)
3. 20 Implants with Abutments OR 8 implants with Abutments and Advance Surgical kit
4. Forth Module in Romania, Titu Maiorescu University in Bucharest 8th Sep-12th Sep 2016.
5. International flight ticket go Bucharest and return (budget up to $750)
6. Transfers from Airport- Hotel- University- Hotel- Airport
7. 4 nights accommodation in Bucharest (twin sharing basis)
8. Full meals
9. Tour in Bucharest (Highlights included: Peles Castle, Sinaia Monastery, Bran Castle)
10. Includes 14% government tax

**Course Fees:** Rs. 2,84,000

* Price doesn’t include Insurance and Visa (handling and cost)

**Payment Structure:**

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<tr>
<td>1. On registration date</td>
<td>Rs. 1,24,000</td>
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<tr>
<td>(not late than 15th Feb 2016)</td>
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<td>2. 1st April 2016</td>
<td>Rs. 45,000</td>
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<td>3. 1st May 2016</td>
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<td>4. 1st July 2016</td>
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- Company Save its right to change, for any reason, the location of fourth Romania module and conduct it in Mumbai. In such case package will include:

1. Diploma Advanced Master course Certificate
2. 3 Modules in India, train by Adin Mentor (there will be few simulations courses in few locations in India)
3. 20 Implants with Abutments OR 8 implants with Abutments and Advance Surgical kit
4. Advance Module trained by Romania team on 8th Sep- 9th Sep 2016 in Mumbai at 5 star hotel
5. 3 nights accommodation in 5 star hotel, Mumbai (twin sharing basis)
6. Full meals
7. Includes 14% government tax

**Payment Structure:** Participant will pay first and last payments (Total Rs.1,99,000)

**Important:** Dentist who already did an implantology course under Adin Mentor and placed minimum 5 implants, should contact his mentor to check his applicability to join only for the fourth module. In case your Mentor approved your joining only for the fourth module (you will need to submit your course certificate).

Your payment structure will be :

For fourth module in Romania 3 first payments (Total Rs. 2,09,000)

For fourth module in Mumbai only first payment (Total Rs. 1,24,000)

Adin will inform you regarding fourth module place on the 20th Feb 2016.

- All chqs should be submitted to Office on name of: "Mil Medical Dental System Pvt. Ltd."
  "Gauri Tanay" No.14, Ganesh Colony, Ring Road, Pratap Nagar, Nagpur-440022
- Kindly Note: Last Date for Registration 15th Feb 2016

**Cancellation Policy:**

Before 1st March 2016 - Full Refund | After 1ST March 2016 –No Refund

For registration Contact your Mentor or Adin office:
### Program Registration Form

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**Instructions**

- Please enter all the requested details completely and do a thorough spell check. ADIN is not responsible for typographical errors.
- Include a copy of your Passport & Degree Certificate with submission (Provisional certificates also quality). Also attach a passport size photo (digital copies also accepted).
- Insurance and Visa are the doctor’s responsibility.
LEAVE LIMITS BEHIND

www.adin-implants.com