

**15th
GROUP**

www.merimna.edu.gr

Short-Term Advanced Program in

Implantology

Clinical Participation

Implant Placement &
Prosthetic Implant Rehabilitation on Patients
+ Digital Implantology

MARCH 2023 - JANUARY 2024

1 Year Program - 215 Educational Hours



in collaboration with



NYU | DENTISTRY

Linhart Continuing Dental Education Program

Graduates can continue for their **Master of Science (MSc)**
in **International Medical College**.



International Medical College
Universität Duisburg-Essen



Linhart Continuing Dental Education Program Current Concepts in American Dentistry

Implantology

History and Description

The “Current Concepts in American Dentistry” international program was established at New York University College of Dentistry in 1981. This popular program now has over 3,800 graduates from 27 countries.

These customized educational opportunities are designed for international dental groups to provide a deeper knowledge and understanding of specific areas of dentistry. The teaching staff includes NYU College of Dentistry faculty, alumni, and outstanding educators from other institutions and private practice.

Program topics and content are determined by the educational objectives of the group in consultation with the Assistant Dean for Continuing Education. Ongoing program relationships have been established in the following countries: Argentina, Brazil, Chile, Colombia, Dominican Republic, Ecuador, France, Greece, India, Iran, Italy, Japan, South Korea, Mexico, Poland, Peru, Russia, Spain, Taiwan, Turkey, and Venezuela.

All programs are in English. If necessary, a translator will be provided by the group organizer. To maximize the learning experience, sessions in New York City are limited to a minimum of 25 and a maximum of 50 participants. Individual dentists not part of a group may join an existing group on a space-available basis and with prior approval of the Assistant Dean for Continuing Education. Attendance in New York City is mandatory in fulfilling the program requirements.

This international dental education program is specifically designed to meet the educational needs of dental groups to “learn from the experts.” Faculty is carefully selected from throughout the world for their teaching and communication skills, clinical and/or research expertise, and experience.

Through informative and stimulating lectures, interactive group discussions, treatment planning sessions, “live” patient demonstrations, participant written reports, and clinical case requirements, this practical and innovative learning approach will expand your horizons and increase your confidence in pursuing clinical excellence.



Attendance

Seven (7) sessions are required, of which five (5) sessions must be attended at Merimna Institute in Greece. The two (2) additional sessions must be completed at New York University College of Dentistry. Participants are encouraged to complete the program in a timely fashion, recommended within two (2) years.

The unique of the Greece program is that sessions four and five are clinical oriented and every participant is involved in live patients on placement of implants and prosthetic rehabilitation.

Written reports

During the final session at New York University College of Dentistry, the participant must submit three (3) copies of his/her written topic report to the Assistant Dean for Continuing Education. The topic can be selected from a list of suggested topics or determined by mutual agreement in conjunction with the group international program leader.

This report may be written in another language if the participant is not fluent in English. However, if English is not the language selected, a one-page summary in English must be included. Finally, the report should include references to support the appropriate scientific literature. The recommended report length is 15-25.

Case presentations

During the final week at New York University College of Dentistry, the participant is required to formally present two (2) clinical cases performed and completed in his/her private practice. Participants will be limited to no more than fifteen (15) minutes followed by a discussion and/or comments by group members and NYU faculty.

Program completion

Upon successful completion of all program requirements, a certificate of achievement will be awarded by the Linhart Continuing Dental Education Program at New York University College of Dentistry.

Please note that this certificate program is not applicable to any formal degree program but is an acknowledgement of the participant's commitment to professional growth and development. The final decision on meeting all requirements is the responsibility of the Assistant Dean for Continuing Education.





Why MERIMNA INSTITUTE Implantology Program?

- ✓ **215 Didactic hours** of comprehensive interactive lectures, live surgeries demonstration, clinical and hands-on sessions.
 - ✓ **Surgical Clinical Participation:** Every participant will place 5 implants in patients that we will provide and will assist for the other surgeries of his group under the supervision of the Merimna Institute faculty.
 - ✓ **Prosthetic Clinical Participation:** Every participant will restore directly implant cases and also assist and get involved in all group cases, under the trainer's supervision. Types of cases will vary from single teeth in the anterior zone to full-arch/full-mouth rehabilitations.
 - ✓ In depth review of surgical and prosthetic protocols.
 - ✓ **Over 35 speakers** from the international community who are among the most distinguished names in Implantology.
 - ✓ Deliver the course in State-of-the-Art Facilities at New York University Rosenthal Institute for Aesthetic Dentistry, Merimna Institute facilities in Athens, Greece and affiliated Dental clinics in New York. NYUCD's and Merimna Institute program gained educational resources that are unparalleled in the world.
- 2500 sq.m. of space featuring an elegant mahogany and marble reception area, 15 state-of-the-art patient treatment areas, Corporate style executive board rooms & Modern dental laboratories.
- ✓ A 52-seat amphitheater with global videoconferencing capabilities.
 - ✓ An "operatory under glass" outfitted with multiple cameras to permit live, interactive clinical demonstrations around the world.
 - ✓ Never miss a session.
 - ✓ **NYUCD's bibliography**, speaker's articles and video copies of the demonstration cases.
 - ✓ Non commercial, non sponsored course covering the spectrum of implant types and systems.
 - ✓ **Certificate of Achievement from New York University-College of Dentistry Linhart Continuing Education Program.**

Certificate of Achievement

from **New York University-College of Dentistry Linhart Continuing Education Program**

Tuition Fees

Fees: 11.900*€

NOTE: Merimna Institute has adapted the entire structure of the program process, due to the global Pandemic (COVID-19), to ensure that, in essence, the health of the participants will be protected.

Inclusions/Grants

Every participant will deliver **FREE** of charge

- ✓ Round trip Air tickets Athens-New York-Athens.
- ✓ 13 nights accommodation in twin room at New York hotel.
- ✓ NYUCD's bibliography, Speaker's articles and video copies of the demonstration cases.
- ✓ 15 Implants and its surgical drill kit will be granted by our sponsor companies. The final choice of the implant system is participant's decision.
- ✓ During all clinical participation sessions all necessary materials, instruments, 5 implants, prosthetic abutments, bone graft materials, membranes, sutures, surgical instruments, micromotors and other will be provided in **FREE** for every participant. They have to practice with all the different types of implants, grafts and surgical instruments and prosthetic components.
- ✓ Coffee breaks and Lunches Greece and New York.
- ✓ Certification ceremony at NYU Dentistry Linhart Continuing Education Program, New York.
- ✓ Special discounted fees for all Merimna Institute seminars in Greece.



Course Overview

March 2023 - January 2024

Program Duration: 1 Year – 215 Didactic Hours:

Greece : 19 days | Presurgical – Surgical (5 Sessions)
New York : 10 days | Advance Implantology (2 Sessions)

SESSION #1	MARCH 30-31 & APRIL 01-02, 2023	Merimna Institute, Athens
SESSION #2	MAY 18-21, 2023	Merimna Institute, Athens
SESSION #3	JUNE 15-18, 2023	Merimna Institute, Athens
SESSION #4	1st Group: JULY 14-16, 2023 2nd Group: 08-10 SEPTEMBER 2023	Merimna Institute, Athens
SESSION #5	1st Group: NOVEMBER 11-12, 2023 2nd Group: NOVEMBER 25-26, 2023	Merimna Institute, Athens
SESSION #6 & #7	JANUARY 08-19, 2024	NYU Dentistry, New York Linhart Continuing Dental Education Program

GREECE PROGRAM

Presurgical - Surgical

SESSION 1

Lectures-Workshops

Digital photography and power point presentation.
 Flap design, suturing techniques.
 Introduction, Bone biology, Anatomy, Wound healing.
 Evolution of Implants.
 Pre-surgical planning.
 Medical Evaluation.
 Developing treatment plans.
 Basic Surgical Techniques, soft and hard tissue management.

SESSION 2

Lectures-Workshops

Pre-implant Prosthodontics, Implant Number.
 Prosthesis, Biomaterials and Biomechanics.
 Immediate loading.
 Provisional fabrication and impression techniques.
 Digital Analysis & CAD-CAM.
 The digital era.
 The step by step work flow of the Removable Implant Patient.
 Polymers in Implant Prosthodontics.
 Advance Implant prosthetics: function, aesthetics and Occlusion.

SESSION 3

Lectures-Live Surgeries

Sinus lift augmentation.
 Immediate loading.
 Designing overdentures, cement and screw retained restorations
 Pre-surgical radiology assessment.
 Advance surgical implantology, specific surgical techniques, GBR, complications in implantology.
 Limitations & Interactions of Local & Systemic Diseases in Dental Implantology.
 Osseodensification Technique.



SESSION 4

Clinical Participation
IMPLANT PLACEMENT

Clinical participation week-Placement of implants in patients by the participants.

We encourage our participants to bring their own patients as well.

SESSION 5

Clinical Participation
PROSTHETIC RESTORATION

Every participant will restore directly implant cases and also assist and get involved in all group cases, under the trainer's supervision.

Types of cases will vary from single teeth in the anterior zone to full-arch/full-mouth rehabilitations.

NEW YORK PROGRAM

Advance Implantology



Linhart Continuing Dental Education Program

SESSIONS 6 & 7

Advance implantology and oral rehabilitation.
 Case presentation from the participants.
 Graduation ceremony.

Location \ Venues

GREECE:

MERIMNA Institute, Athens- 272A, Vouliagmenis Ave, Agios Dimitrios

NEW YORK:

New York University - College of Dentistry,
 Rosenthal Institute for Aesthetic Dentistry
 Premier oral surgery group PC - 617 E Palisade Ave, Englewood Cliffs, NJ 07632
 New York Smile Institute - 693 Fifth Avenue @54th Street

Clinical Participation

Implant Placement in Patients

Every participant will place 5 implants in patients and will assist for the other surgeries of his group.

During all the clinical participation sessions all the necessary materials, instruments, implants, bone graft materials, membranes, sutures, surgical instruments, micromotors and other will be provided in FREE for every participant.



Prosthetic Rehabilitation in Patients

Every participant will restore directly implant cases and also assist and get involved in all group cases, under the trainer's supervision. Types of cases will vary from single teeth in the anterior zone to full-arch/full-mouth rehabilitations.

Every participant has to provide in advance before the clinical course a copy of his license in dentistry and his Dental diploma in English Language.

We encourage our participants to bring their own patients as well.



During the clinical practice will be given to all participants **FREE of charge:**

- 1 All implants for their surgeries.
2. All prosthetic components for the implant restorations.
3. Bone Grafts, membranes, pins where needed.
4. Surgical kit and instruments
5. All impression and prosthetic materials.

Clinical Participation Analysis

SESSION 3

Participants are going to deliver the Diagnostic Radiographs: Panoramic X-rays and CT Scans. Clinical Examination of the patients, steps for patient evaluation, Medical evaluation, Dental evaluation, Presurgical prosthetic planning (Diagnostic Casts, Mounting, Wax-ups and post insertion prostheses), Digital photos, Data base for every patient.

SESSION 4

Every participant will place 5 implants the maximum, in patients and will assist for the other surgeries of his group under the supervision of the Merimna Institute faculty.

SESSION 5

Clinical Practice in Final Implant Prosthetic Rehabilitation of Patients.

The only Implantology Program that covers the spectrum and all implant systems and not commercially directing program.



Live Surgeries Demonstration

A detailed treatment planning session take place between participant and surgeons :

Radiology design, Analytical treatment plan, Surgical and prosthetic protocol are analyzed in each case. Live demonstration is always interactive and where possible assisted by the participants.

LIVE SURGERIES ANALYSIS

- ✓ Placement of single unit implant
- ✓ Placement of multiple unit implants
- ✓ Restorations of single tooth, quadrant arches, full arch fixed restorations and overdentures
- ✓ Sinus grafting techniques and osteotome techniques
- ✓ Block grafts, autogenous and J blocks, chin and ramus grafts
- ✓ Soft tissue management
- ✓ Immediate loading techniques: placement of implants and restorations
- ✓ Fully digital implant rehabilitation



Hands on Workshops

Utilization and familiarity with 3 recognized implant systems, bone graft and membranes companies in a fully equipment workshop facility

LEARNING OBJECTIVES

- ✓ Flap design, suturing techniques
- ✓ Surgical techniques in implant placement
- ✓ Soft tissue management
- ✓ Bone manipulation in animal jaws
- ✓ Sinus lift augmentation
- ✓ Immediate loading
- ✓ Designing overdentures, cement and screw retained restorations
- ✓ Provisional fabrication and impression techniques
- ✓ Digital photography and power point presentation
- ✓ Digital Analysis & CAD-CAM



Inclusions Grants

The implant sponsors companies of Clinical Participation Implantology Program, grants each participant upon registration in the program giving FREE of charge 15 Implants and corresponding surgical kit.



These products are received by the participants only after completing the program or when they pay the full amount of fees.

Course Curriculum

Evolution of Implants

- Evolution of Implant Dentistry: Plate/Blade forms, Subperiosteal implantology,
- Threaded/Fin/Press Fit root forms
- Scope and Future Directions in Implant Dentistry
- Biomaterials and Bio Mechanics
- Review of Current Implant Systems Configurations, Components, Implant Interface Enhancements

Biology, Pharmacology, Sterilization protocols

- Bone biology, anatomy
- Wound healing
- Anesthesia in implantology (sedation and local anesthesia)
- Physiology of pain, pain control in implantology
- Basic pharmacokinetics and pharmacodynamics,
- Treatment area and patient sterilization protocols

Guided Bone Regeneration techniques Sinus lift Augmentation

- Contemporary surgical bone grafting protocols
- Grafting materials
- Socket grafting protocols
- Indications and surgical protocols for ridge expansion
- Indications and surgical protocols for maxillary sinus bone grafting
- Indications and surgical protocols for autogenous block grafting for horizontal and vertical augmentation donor sites
- Compare ridge expansion, distraction osteogenesis and GBR techniques
- Recognize, manage and prevent bone grafting complications

Pre-surgical planning

- Clinical Examination of the Implant patient, steps for patient evaluation
- Medical Evaluation: Review of Tests, values and evaluation of the medically compromised patient
- Presurgical prosthetic planning: Diagnostic Casts, Mounting, Wax-ups and post insertion prostheses
- Diagnostic Radiographs: Periapicals, CT Scans, Tomograms
- Perform true restorative driven dental implant treatment planning using interactive CT software.
- Developing treatment plans

Basic Surgical Techniques

- Understand soft and hard tissue architecture as it relates to predictable implant placement.
- Interpret bone density variation pertinent to surgical protocols
- Recognize site specific limiting anatomy and vital structures.
- Describe the anatomy, biology and wound healing of periimplant tissues
- Soft tissue procedures for successful implant surgery and bone grafting
- Manage single tooth challenges outside the esthetic zone
- Appropriate surgical and prosthetic principles for comprehensive site development in the esthetic zone
- Indications and protocols for immediate provisionalization.
- Manage the edentulous mandible



Fixed Prosthetic Options

- Posterior Single Tooth Implant
- Anterior Single Tooth Implants
- Cemented Prostheses Principles
- Abutment Selection for Cemented Prosthesis
- Prosthesis Fabrication, Direct and Indirect Technique
- Attachments for Fixed Prostheses
- Cement vs. Screw In Prostheses: Indications and Complications
- Color Scheme Selection
- Implant Protective Occlusion
- Occlusal Materials
- Occlusal Evaluation
- Treatment Planning Options for FPD
- Progressive Bone Loading
- Joining Implants to Teeth
- Immediate Loading
- Abutment Screw Loosening
- Common Complications in Implants
- Prosthetics

Soft tissue procedures

- Gingival grafts, subepithelial connective tissue grafts, and acellular dermis matrix allografts
- Developing optimal periimplant soft tissue architecture

New trends in Implantology

- Utilization of Lasers in Implant Dentistry
- Utilization of piezosurgery in Implant Dentistry
- Computerized Navigation in surgical implantology
- Growth factor technology in conjunction with hard
- Digital Dentistry and CAD-CAM
- Osseodensification Techniques

Long term Validation and Postoperative reviews

- Failures and complications in implant dentistry
- Photographic documentation and PowerPoint presentations
- How to analyze literature for evidence based implant dentistry

Removable Prosthetic Options

- Implant Overdentures for the Maxilla
- Implant Overdentures for the Mandible
- Step-by-Step Removable Prosthesis Fabrication
- Bar Design and Attachment Selection

Prosthetic Options

- Pre-implant Prosthodontics
- Implant Number / Prosthesis
- Biomaterials and Biomechanics



Speakers Greece Program



Professor Nikolaos DONOS
DDS, MSc, FHEA, FRCSEng, PhD



Dr. Nikos MARDAS
Dipl.D.S, MSc, PhD



Dr. Konstantina DINA DEDI
DipDS, MSc, FACP



Dr. Nikolaos TATARAKIS
DDS, Cert (Perio), MS



As. Prof. George PAPAVASILIOU
DDS, MSc, PhD, FICD



As. Prof. Spyridon SILVESTROS
DDS, PhD, FICD



Dr. Maria GATOU
DDS, MSc



Dr. Symeon PSOMIADIS
MD, DDS, OMFS, PhD candidate



Dr. Anastasios GKATZONIS
DDS, MSc



Prof. Athanasios POULOPOULOS
Professor of Oral Pathology



Dr. Costa NICOLOPOULOS
BDS, cum laude, FFD (SA) Specialist Oral & Maxillofacial Surgeon



Dr. Gianluca PANIZ
DDS, MSc



Dr. Maria BATELI
Dr. med. dent.



Dr. Marianna KONTOPODI
Visiting Lecturer, UCL Eastman Dental Institute



Dr. Ioannis PAPATHANASIOU
DDS, MSc



Dr. Fotis LATINOS
DDS



Dr. Nikolaos NAKAS
DDS, CEO Merimna Institute



Speakers Greece Program



Dr. John N. KALLIS
Oral and Maxillofacial Surgeon



Dr. Dimitris NIKOLIDAKIS
DDS, MSc, PhD



Dr. George MICHELINAKIS
DDS, MSc, MPhil, cert Pros (EPA)



Dr. Christos TSAMIS
MDS, Oral surgery, Implantology



Dr. Dimitris APOSTOLAKIS
DDS, MSc (Oral surg), MSc (DMFRad)



Dr. Vag PARCHARIDIS
Oral Medicine Specialist_Oral Surgeon_Dentist



Dr. Petros YUVANOGLU
D.M.D. summa cum laude, Cert. Prosth.
(TUFTS U.S.A.) Prosthodontist



Dr. Sterios DRATSIOS
DDS



Speakers New York Program



Ass. Prof. Henriette LERNER



Prof. Georgios E. ROMANOS



Dr. Haris ASIKIS



Dr. Stephen CHU



Dr. Abd Elsalam ASKARY



Dr. Dean C. VAFIADIS



Dr. Michael SONICK



Dr. Christian F.J. STAPPERT



Dr. Ziad JALBOUT



Dr. Francesco AMATO



Greece Program

Presurgical – Surgical

SESSION 1

Day 1

Dental photography

Dr.Fotis Latinos

The art of dental photography
and the use of power point
for demonstration
Digital photography

As. Prof. Spyridon Silvestros

- a) Basic flap
- b) Basic suturing

WORKSHOP (1)

Digital photography

WORKSHOP (2)

- a) basic flap
- b) Basic suturing

Day 3

Basic principles of implant surgery part 1

Dr. Nikos Mardas

Characteristics of dental implants :
a) implant design
b) the importance of implant surface.
Timing of implant surgery
Patient & site preparation
Osteotomy site preparation
Videos (simple implant placement).
Different surgical techniques.
Soft tissue management
(flaps, sutures, soft tissue grafts

WORKSHOP

Different surgical techniques.
Soft tissue management
(flaps, sutures, soft tissue grafts).
Simple implant placement in a
submerged and non submerged
mode on pig jaw.

Day 2

Introduction in implant dentistry

Dr. Nikolaos Tatarakis

Initial examination(medical history,dental records
indication and contradiction)
Bone biology- mechanism of osseointegration
(requirements,elements and mechanical design
of dental implants)
Periimplant tissues (differentiation from the
periodontal tissues- defense mechanism)
The evolution in design,surfaces ,
implant-abutment connections
and surgical protocols in implant installation.
Basic surgical principles in implant installation

WORKSHOP (1)

Simple implant placement in a submerged
and non submerged mode on pig jaw.

WORKSHOP (2)

Digital Implantology with CAD/CAM
and EXOPLAN Software (EXOPLAN)

Day 4

Basic principles of implant surgery part 2

Prof. Nikolaos Donos

Bone defects, Basic principles of Guided
Bone Regeneration (GBR)
Introduction in materials for GBR
Basic surgical techniques for GBR
Treatment planning & Videos.

Dr. Christos Tsamis

Mini Implants.

WORKSHOP (1)

Guided bone regeneration.
GBR (instrumentation, materials, techniques).
Socket preservation.
Simultaneous implant placement with GBR.

WORKSHOP (2)

Mini Implants

SESSION 2

Day 1

Treatment Plan from A to Z and then execute the clinical treatment steps

Dr. Konstantina Dina Dedi

The philosophy of aesthetically driven implant planning and placement.
What are the necessary preparation phases prior to surgery.
Records of the full-mouth rehabilitation patient.
Fixed and removable implant supported prostheses for completely or partially edentulous patients, indications, advantages and challenges.
Important Restorative Requirements for your selected Implant system:
Plan your selection, to avoid future problems

The Art of accurate impression taking for implants and for implants around teeth. The art of Impression Taking.

Step by step techniques, Trays, Materials, Impression Components, Hints and Tips.
Closed tray and Open Tray Impressions.
Impressions for Mixed Cases Implants and Teeth.
Custom Impression Copings.
How to recognize an inadequate impression.

WORKSHOP

Prosthetic components demonstration and prosthetic choices
Implants impression (techniques, components and impression materials).

Day 3

Implant prosthetic Rehabilitation

Principles of occlusion in natural dentition and implant restorations
The study and restoration of occlusion in patients with dental implants.
Implants as part of an overall aesthetic and functional rehabilitation.

Removable implant Overdentures

Prof. George Papavasiliou

The step by step workflow of the Removable Implant Patient
Overdenture Options, designs, abutments.
Case Presentations

WORKSHOP

Prosthetic components demonstration and prosthetic choices
Implants impression (techniques, components and impression materials).

Day 2

Implant prosthetic Rehabilitation

Dr. Gianluca Paniz

Provisional restorations their integration in treatment plan and their importance.
Prosthetic guidance of implant installation: the key for success.
Smile design for perfect aesthetic results.

WORKSHOP

Impression techniques and materials.
Techniques and materials for immediate loading of single implants.

Day 4

Polymers in Implant Prosthodontics

Dr. Ioannis Papathanasiou

Hybrid Protheses (Fixed Dentures)
Immediate Loading Scenarios and Workflow Materials: Polymers in Implant Prosthodontics- High performance implant frameworks.

The Digital Era

Dr. George Michelinakis

Digital impressions, scannable abutments, CAD/CAM abutments and implant frameworks, milling and SLS techniques

The step by step work flow of the Removable Implant Patient

Overdenture Options, designs, abutments.

WORKSHOP CAD-CAM

We will analyze all the efforts of digital technology for the fabrication of high-precision, durability and aesthetic restorations.
Each participant will be able to familiarize with the components needed to move from classical impression and restoration to digital impression, design and the stages of fabrication of a restoration using CAD-CAM technology.

SESSION 3

Day 1

Pre-surgical radiologic assessment

Dr. Dimitris Apostolakis

Pre-surgical assessment is key for the reduction of possible complications during implant placement.
This is accomplished mostly by advanced imaging modalities.
In addition, periodic radiographic examinations may be necessary throughout the course of treatment (during surgery to long term).

LIVE DEMONSTRATION

Familiarity in the analysis, interpretation and diagnosis of CT.
Familiarization with Cone beam CT scans interpretation and applications in implant planning.

Day 3

New Trends in implantology

Dr. Costa Nicolopoulos

Dr. Petros Yuvanoglu

Osseodensification Technique.
Optimize Your Implant Practice

WORKSHOP

Placement of single implant with Osseodensification Technique

LIVE SURGERIES

Dr. Christos Tsamis

Placement of multiple implants.

Day 2

Dr. Athanasios Pouloupoulos
Dr. Parcharidis Evaggelos

Limitations & Interactions of Local & Systemic Diseases in Dental Implantology

Dr. Sterios Dratsios

The evolution in the design, surface and connectivity of implants and placement protocols.

LIVE SURGERIES

Dr. Christos Tsamis

Placement of single implant in the aesthetic zone.

Day 4

Regenerative Techniques

Ass. Prof. Henriette Lerner

Dr. Christos Tsamis

Sinus lift surgical tools, materials, techniques and management of complications.

LIVE SURGERIES

Sinus lift augmentation with immediate placement of implants

Invited Speaker

The biomechanics evaluation of dental implants is a key factor for long term aesthetic results and surviving of the dental implants.

SESSION 4

Implant Placement in patients

Clinical Participation

Nikos Mardas, Tsamis Christos, John Kallis, Nikolaos Tatarakis, Nakas Nikolaos, Stergios Dratsios, Simos Psomiadis, Ioannis Papathanasiou, Maria Bateli, Anastasios Gkatzonis,

Every participant will place 5 implants in patients and will assist for the other surgeries of his group under the supervision of the Merimna Institute faculty

During the clinical week all the necessary materials, instruments, implants, bone graft materials, membranes, sutures, surgical instruments, micromotors and other will be provided in FREE for every participant.

Every group of the participants has to place implants from all the implant companies.



SESSION 5

Implant Prosthetic Rehabilitation in patients

Clinical Participation

Papathanasiou Ioannis, Maria Bateli, Maria Gatou, Marianna Kontopodi

Every participant will restore directly implant cases and also assist and get involved in all group cases, under the trainer's supervision.

Types of cases will vary from single teeth in the anterior zone to full-arch/full-mouth rehabilitations.

- Live training on metal framework try in.
- Clinical and radiographical evaluation of passive fit.
- Management of metal framework misfits.
- Live demonstration of the fabrication and the use of a verification jig.
- Bisque bake porcelain stage.
- Evaluation of aesthetic, phonetic and occlusal function of implant restorations prior to delivery.
- Occlusal equilibration.
- Delivery of the final implant restorations.
- Recall and Maintenance Schedule.





New York Program Advance Implantology



SESSIONS 6 & 7

JANUARY 8-19, 2024

NYU College of Dentistry, New York

“Current Concepts in American Dentistry:
Implantology / Oral Rehabilitation”

GREECE 15th GROUP 2023-2024



NYU | DENTISTRY

Linhart Continuing Education Program



Monday, January 08, 2024

Georgios E. ROMANOS, D.D.S., Ph.D., Prof. Dr. med. dent.

“Advances and Innovations in Ridge Augmentation:

Aesthetics and Clinical Considerations”

(9:00 a.m. – 4:00 p.m. CDE Theatre)

There is no doubt that augmentative procedures are common in the daily practice. For the narrow alveolar ridge, there are various alveolar extension plastic procedures allowing increase the width of the ridge with many limitations. However, augmentative procedures are successful and dependent on different host response and definitely the surgical approach. The presenter will demonstrate different concepts of therapy and will address the biological concepts besides the management of complications. The surgical steps and the requirements for the success are here discussed presenting also the opportunity of treatment using different loading protocols. The management of the insufficient width as well as the increase in the height in the posterior and anterior parts of the jaws will be demonstrated. Special focus will be the vertical augmentation technique in order to have a good and predictable result.

Tuesday, January 09, 2024**Dr. Francesco AMATO****“Clinical Guidelines for the Single Tooth Implant Rehabilitation in the Esthetic Area”**
(9:00 a.m. – 4:00 p.m. CDE Theatre)

The topic of the lecture is the single tooth implant rehabilitation in the anterior maxillary area.

Three different clinical scenarios will be described:

1. Clinical cases where alveolar bone and adjacent bone peaks are intact.
2. Clinical cases where alveolar bone is compromised but adjacent bone peaks are intact.
3. Clinical cases where alveolar bone and adjacent bone peaks are both compromised.

Different treatment options will be described and pros and cons of each therapeutic line will be discussed. The lecture will focus on hard and soft tissue management both surgical and orthodontical, type of graft, immediate vs delayed placement, implant selection and timing and characteristics of provisionalization. Clinical experience and evidence based decision will be combined in order to give to the clinician practical guidelines to achieve predictable results.

Wednesday, January 10, 2024**Dr. Francesco AMATO****“CASE PRESENTATIONS”**
(9:00 a.m. – 4:00 p.m. CDE Theatre)**Thursday, January 11, 2024****Dr. Ziad JALBOUT****“Minimally Invasive Atraumatic Surgical Extraction and Socket Preservation”**
(9:00 a.m. – 12:00 noon)

This lecture will detail the biological principles, instruments, armamentaria, and surgical techniques to successfully perform minimally invasive atraumatic surgical extractions. A detailed step by step management of type I and type II sockets will be discussed. Grafting material and healing time will be discussed to obtain best outcome.

**Learning objectives:**

What is atraumatic extraction?

- Biological principles of socket healing
- Surgical technique effect on healing of surgical extractions
- Grafting material selection for socket preservation
- Type I socket management
- Type II socket management
- Outcome evaluation of socket preservation for implant placement

TO BE DETERMINED

(1:00 p.m. – 4:00 p.m.)

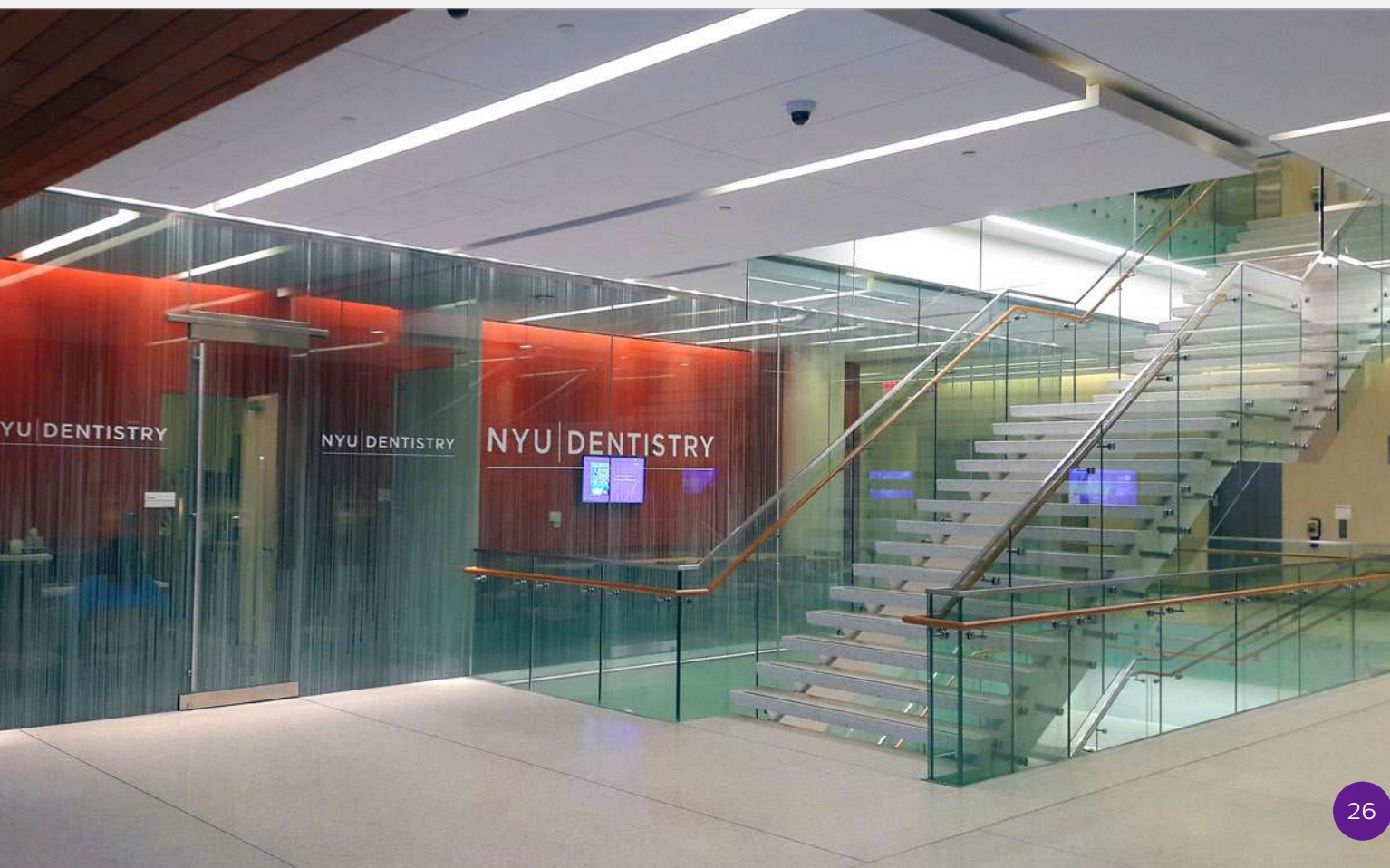
Friday, January 12, 2024**Dr. Michael SONICK****“Implant Treatment in the Esthetic Zone”**
(9:00 a.m. – 1:00 p.m. CDE Theatre)

The maxillary anterior dental implant is perhaps the most challenging for the clinician. Knowledge of esthetics, bone grafting, gingival grafting and precise implant placement is essential to achieve an implant restoration indistinguishable from the natural dentition. In modern implant dentistry, mere osseointegration is not enough. We tolerate no less than perfection. Thus the position that creates the most beautiful and functional prosthesis dictates the location of the implant, not the ridge morphology. Today, we simply grow bone where we desire it. Techniques that are now available to augment hard and soft tissue at the various phases of treatment will be shown. Techniques will include particulate bone grafting, guided bone regeneration with bio-absorbable and non-resorbable membranes and the use of the osteotomes and ridge expanders. Soft tissue procedures to assure optimal esthetic reconstruction before implant placement, at implant placement, at second stage surgery and after second stage surgery will also be demonstrated. These include flap designs to optimize ideal soft tissue profiles, three dimensional connective tissue grafting, the use of number of second stage surgical flap designs. The requirements and limitation of papilla regeneration between implants, implants and natural teeth, and implants and pontics will be shown.

The sequence and timing of implant placement and regeneration will vary depending on the situation. Implant placement may be immediate or delayed up to nine months depending on the quality and quantity of bone. The advantages and disadvantages of each of the treatment modalities will also be discussed. Four grafting timing possibilities will be discussed: 1) at the time of extraction (site preservation); 2) post extraction (ridge augmentation); 3) simultaneous with extraction and implant placement (Immediate implantation) and 4) post extraction with simultaneous implantation and ridge augmentation (Peri-implant GBR).

Course Objectives:

- Treatment planning for ideal esthetics
- Gingival augmentation options – grafts and surgical design
- Philosophy of bone regeneration
- When to bone graft and with what
- Treatment sequencing
- Flap designs
- Sequencing treatment and provisionalization
- Socket preservation techniques
- Second stage surgical techniques
- Reduction of surgical complications



Monday, January 15, 2024

Martin Luther King Holiday
FREE DAY

Tuesday, January 16, 2024

Dr. Haris ASIKIS

“Dental Implant Therapy – To Place or Not to Place.....That is Not the Only Question!”
(9:00 a.m. – 12:00 noon)

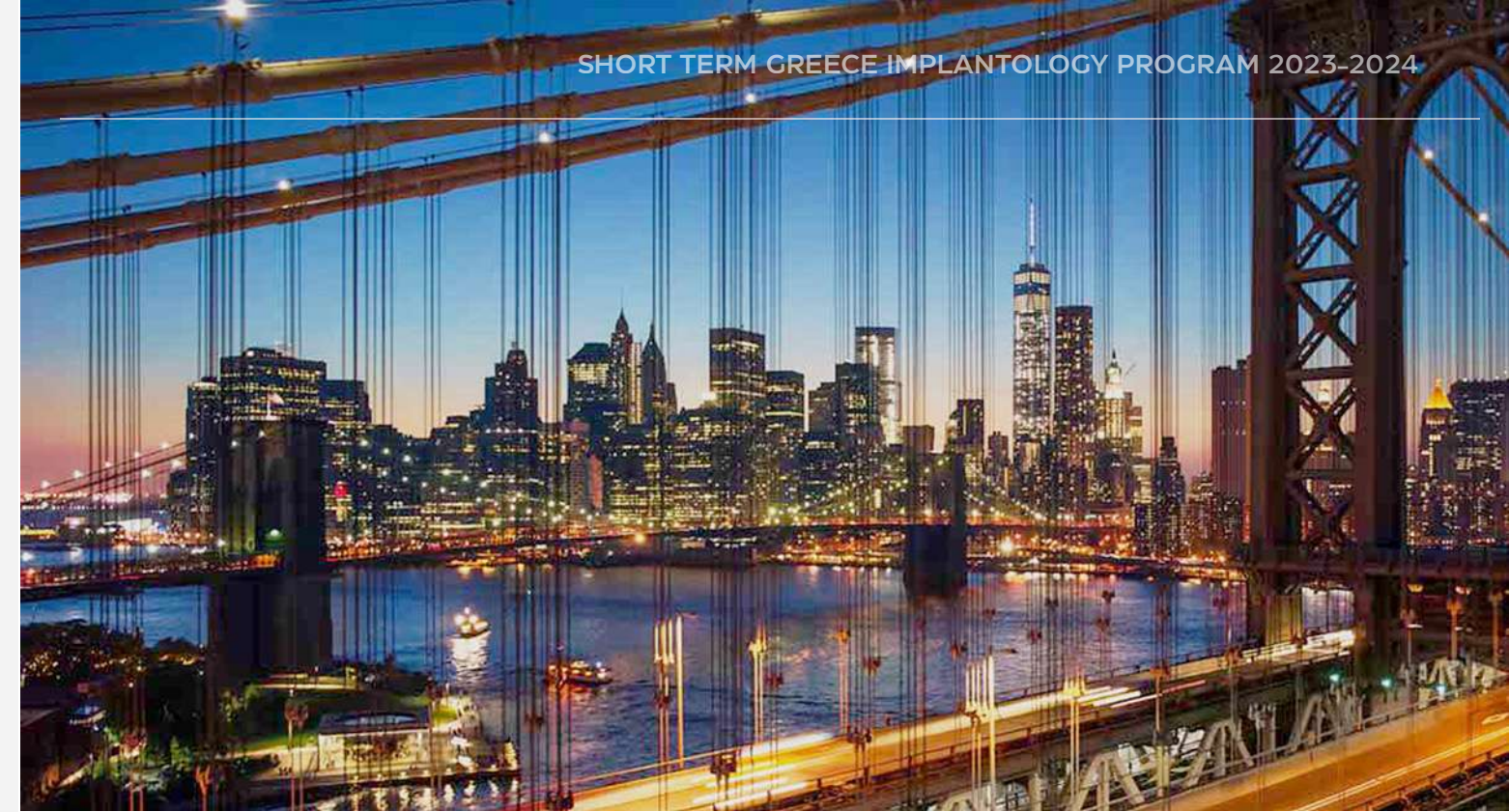
One of the most common chief complaints with our patients is one or more missing teeth. This annoyance not only effects mastication, it can erode the patient’s self-confidence and in some cases negatively impacts their social interactions professionally and personally. Implants have been a treatment modality starting in the 60’s and a widely accepted treatment choice in today’s world.

Learning Objectives:

- Treatment plan considerations: combining the patient’s chief complaint with the reality of the dental findings.
- Indications in placement and restoring dental implants.
- Failing to anticipate is anticipating to fail.
- Meeting patient expectations and esthetic demands.
- Different dental implants, expectations-limitations.
- Screw-retained vs. cement-retained prostheses.
- Maintaining implant success initially.
- Team approach in restoring partial and full edentulism.
- Interim prostheses.
- Failures: “what would I have done differently, if anything?”
- Presentation-discussion of certain patient cases stage by stage (clinical and lab)

CASE PRESENTATIONS

(1:00 p.m. – 4:00 p.m.)



Wednesday, January 17, 2024

Dr. Abd Elsalam ASKARY

“Vestibular Socket Therapy”
(9:00 a.m. – 4:00 p.m. CDE Theatre)

This presentation describes a novel clinical protocol to treat wide varieties of fresh extraction sites (thin, or deficient labial plate of bone, severely compromised, actively infected) with immediate implant placement , the protocol is designed to repair socket osseous environment and place an immediate implant at the same surgical setting thus providing immediacy and predictable outcome. The presentation will also feature a modification to Elian’s socket classification to identify the various socket conditions more accurately, and a 6 days protocol to eliminate preexisting active socket infection. This presentation will highlight the available published studies using the VST protocol and focus on the long term (two years) follow up. The VST protocol offered shortened treatment time, reduced the number of surgical interventions to only one, preserve the original socket orifice topography during the steps of the treatment until the treatment completion, and allowed the complete socket rehabilitation if the active infected sockets with immediate implant placement and bone regeneration.

Learning objectives:

- 1- Understand the fate of the traditional immediate implant placement procedures in the esthetic zone,
- 2- Understand the available methods to treat fresh extraction sites in the esthetic zone,
- 3- Understand the available methods to treat compromised fresh extraction sockets in the esthetic zone
- 4- Get the overviews on the Vestibular socket therapy concept
- 5- Learn how to implement the VST in your daily practices
- 6- Learn the wide scope of the treatment solutions offered by the VST protocol.
- 7- Learn how does the VST protocol influence positively to your patient’s acceptance.

Study #1

The Vestibular Socket Therapy: A Novel approach for immediate implant placement in defective fresh extraction sockets with or without active socket infection. (one arm cohort study)
Abdelsalam Th Elaskary*, Yasmine Y Gaweesh†, Paul S Rosen‡, Moataz A Maebed§, Sang-Choon Cho¶

Study #2

The vestibular socket therapy: A novel concept for immediate implant placement in defective fresh extraction sites
Abdelsalam Th Elaskary1, Yasmine Y Gaweesh2, Maha El Tantawi3, Moataz A Maebed4



Thursday, January 18, 2024

Dr. Henriette LERNER

“The Digital Path for Perfect Aesthetics on Implants”

(9:00 a.m. – 1:00 p.m.)

Today’s dentistry and oral surgery is symbiosis of art, medicine, science and technologies. 2D and 3D visualization of the ideal proportions of the smile are the beginning point for the backward planning. The virtual reconstruction, manufacturing and surgery of the bone, soft tissue and teeth are done with a higher predictability and accuracy. In all phases and technologies, – SCAN, PLAN, MAKE, DONE – artificial intelligence (AI) plays an important role increasing the precision and trueness of the outcomes. Newest studies of digital science and clinical applications will be presented to support the above.

Course Objectives:

To learn the complete digital workflow in complex implant reconstruction cases and the role of AI in all phases.

SCAN:

1. Digital data acquiring (Photo, Video, CBCT, IOS, Face scan)

PLAN:

3. 3 D Smile design
4. Digital Implant Planning and esthetic parameters.
5. Planning of Bone and Soft tissue grafting with minimally invasive procedures.
6. Planning of guides, provisional prosthetic reconstruction

MAKE:

7. Surgical Guides
8. Provisional restoration manufacturing.

DONE:

9. Surgical strategy
10. Minimally invasive bone and soft tissue strategies

FINAL RESTORATION:

11. Final data acquisition
12. Final Reconstruction, Prosthetic Design, Materials and Technologies
13. Digital occlusal adjustment for long-term maintenance.

FUTURE TECHNOLOGIES: THE FUTURE IS NOW

PROGRAM CERTIFICATES

(1:00 p.m. – 1:30 p.m.)

Extra Educational Activities in New York

Extra Day

10:00 a.m. – 12:30 p.m.

We will visit and meet with the staff of the Premier Oral Surgery Group PC

Dr Kallis and Dr Marrone provide Oral Surgery procedures and Periodontal treatments including dental implants, wisdom teeth removal, bone grafting, jaw surgery, facial trauma treatment periodontal disease prevention, gum disease treatment, Botox.



Extra Day

14:30 p.m. – 18:00 p.m.

We will visit and meet with the staff of the New York Smile Institute



A PRIVATE EVENING EVENT
“FULL MOUTH REHABILITATION and RESTORING OVD
Dr. Dean Vafiadis
 PROGRAM DIRECTOR FULL MOUTH REHABILITATION NYU CDE COURS
 CLINICAL ASSOCIATE PROFESSOR NYUCD



WE WILL BE DISCUSSING NON-SYMPTOMATIC PATIENTS WHO HAVE WORN THEIR DENTITION OR WHO HAVE LOST TEETH AND BIENG RESTORED WITH IMPLANTS. ESTABLISHING THE PROPER OVD POSITION FOR TEETH AND IMPLANTS THIS WILL ASSURE SUCCESS FOR OUR PATIENTS. PLEASE JOIN US!!



WELCOME to the NY SMILE INSTITUTE



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