

2024-2025

Short-Term Advanced Program in

IMPLANTOLOGY

CLINICAL PARTICIPATION

Implant Placement &
Prosthetic Implant Rehabilitation on Patients
Analog and Digital Guided

in collaboration with



Linhart Continuing Dental Education Program

16th
GROUP



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

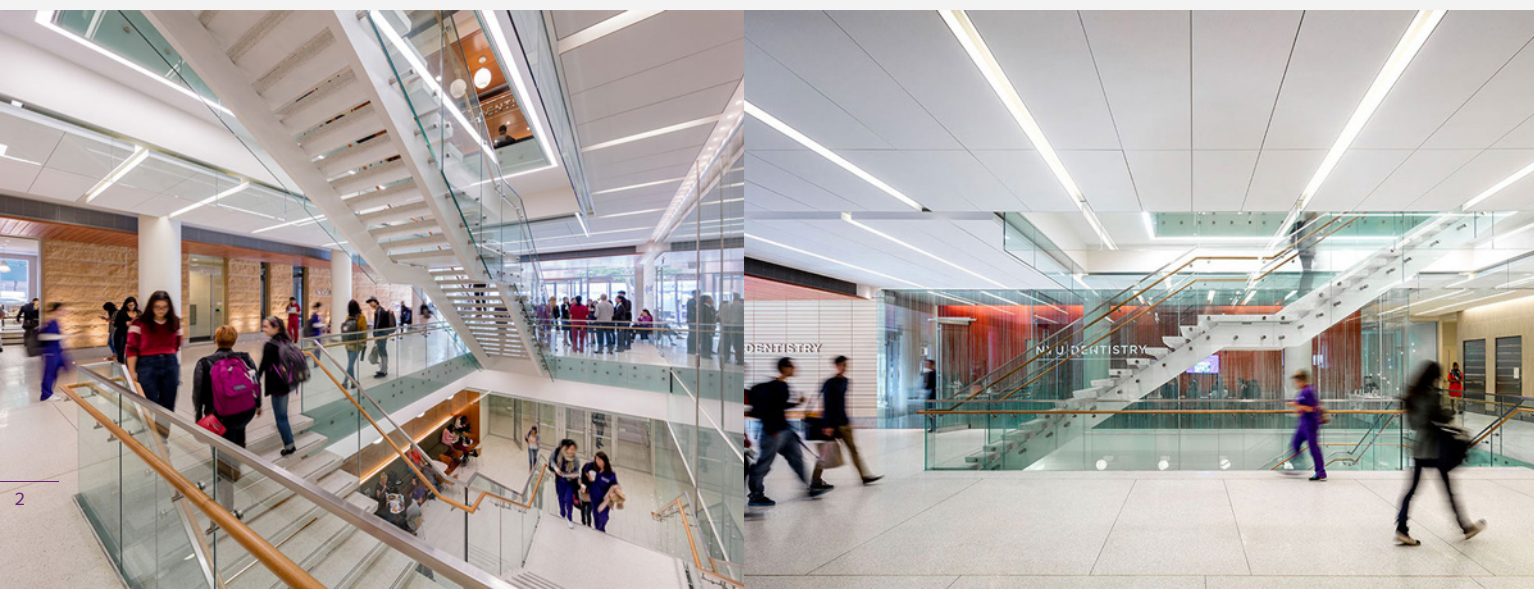
During the final week at New York University College of Dentistry, the participant is required to formally present two (2) clinical cases performed and completed in his/her private practice. Participants will be limited to no more than fifteen (15) minutes followed by a discussion and/or comments by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

Tuition Fees: 11.900€

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.

IMC of University Duisburg-Essen



IMC of University Duisburg-Essen recognizes completely the Implantology Program as part of Master of Science in Implantology and Dental Surgery

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

The first 5 sessions (17 days) are conducted at the facilities of the Merimna Institute, in Greece and include the pre-surgical and surgical stage, while the 2 sessions (2 weeks) of advanced implantology are conducted at the NYU Dentistry Linhart Continuing Dental Education Program in New York .

GREECE PROGRAM

Presurgical - Surgical

17 Days (5 Sessions)
Merimna Institute, Athens - Greece

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.
Digital Design for surgical guides.

SESSION 2

Lectures-Workshops

Pre-implant Prosthodontics, Implant Number.
Prosthesis, Biomaterials and Biomechanics.
Immediate loading..
Provisional fabrication and impression techniques.
The digital era - Scanners, printers.
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

Analog and digital guided placement of implants in patients by the participants.

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

Merimna Institute provides all patients for the clinical participation sessions. However, we encourage participants to practice on their own patients, after consultation with the Director of the program.

SESSION 5

Clinical Participation

Analog and digital guided 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.



NEW YORK PROGRAM

Advance Implantology



Linhart Continuing Dental Education Program

SESSION 6

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

2 Weeks (2 Sessions)
NYU Dentistry, New York

SESSION 7

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

Program Timetable

SESSION #1	March 28-31, 2024 (4 days)	Merimna Institute, Athens
SESSION #2	April 25-28, 2024 (4 days)	Merimna Institute, Athens
SESSION #3	June 06-09, 2024 (4 days)	Merimna Institute, Athens
SESSION #4	1st Group: July 12-14, 2024 (3 days) 2nd Group: September 20-22, 2024 (3 days)	Merimna Institute, Athens
SESSION #5	1st Group: 09-10 Νοεμβρίου 2024 (2 ημέρες) 2nd Group: November 23-24, 2024 (2 days)	Merimna Institute, Athens
SESSIONS #6 and #7	January 06-17, 2025 (2 weeks)	NYU Dentistry, New York Linhart Continuing Dental Education Program

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

Premier oral surgery group PC - 617 E Palisade Ave, Englewood Cliffs, NJ 07632
New York Smile Institute - 693 Fifth Avenue @54th Street

Clinical Participation

Clinical participation in surgical placement of implants in patients, analog and digital guided

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.

Merimna Institute provides all patients for the clinical participation sessions. However, we encourage participants to practice on their own patients, after consultation with the Director of the program.

Prosthetic Rehabilitation in Patients, analog and digital guided

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.



Clinical Participation Analysis

Session 3rd

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 4th

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 5th

Clinical Practice in Final Implant Prosthetic Rehabilitation of Patients.

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.

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

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 design of surgical guides
- ✓ Digital scanning and printing

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 Surgerie 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, analogical and fully guided
- ✓ Fully digital implant rehabilitation



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
- Beview 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 techniquesSinus 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

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

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 surgical guides, scanning and printing
- 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



Faculty



Dr. Stephen CHU



Dr. Dean C. VAFIADIS



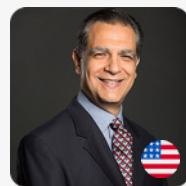
Professor Nikolaos DONOS



Prof. Georgios E. ROMANOS



Dr. Michael SONICK



Dr. Spyridon CONDOS



Dr. Christian F.J. STAPPERT



Dr. Zachary PAPADAKIS



Dr. John N. KALLIS



Dr. Ziad JALBOUT



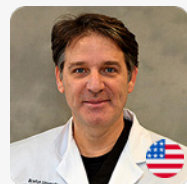
Dr. Gianluca PANIZ



Ass. Prof. Henriette LERNER



Dr. Stephen WALLACE



Dr. Haris ASIKIS



Dr. Ziv MAZOR



Dr. Abd Elsalam ASKARY



Dr. Nikos MARDAS



Dr. Konstantina Dina DEDI



Dr. Nikolaos TATARAKIS



Prof. Athanasios POULOPOULOS



As. Prof. Spyridon SILVESTROS



As. Prof. George PAPAVALIOU



Dr. Christos TSAMIS



Dr. Costa NICOLOPOULOS



Dr. Petros YUVANOGLU



Dr. Marianna KONTOPODI



Dr. George MICHELINAKIS



Dr. Dimitris APOSTOLAKIS



Dr. Dimitris NIKOLIDAKIS



Dr. Fotis LATINOS



Dr. Symeon PSOMIADIS



Dr. Maria BATELI



Dr. Ioannis PAPATHANASIOU



Dr. Vag PARCHARIDIS



Dr. Maria GATOU



Dr. Anastasios GKATZONIS



Dr. Stergios DRATSIOS



Dr. Nikolaos NAKAS

Over 35 educators from the international community who are among the most distinguished names in Implantology



GREECE PROGRAM

Presurgical – Surgical

SESSION 1

Lectures-Workshops

Structure: 09:00-13:00 Lectures - 14:00-17:30 Workshops

March 28, 2024

Lectures

Dr. Fotis Latinos 🇪🇺

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

As. Prof. Spyridon Silvestros 🇪🇺

- Basic flap
- Basic suturing

WORKSHOP (1)

Digital photography

WORKSHOP (2)

- a) Basic flap
- b) Basic suturing

March 30, 2024

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.

March 29, 2024

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.

Dr. Christos Tsamis 🇪🇺

Basic surgical principles in implant installation

WORKSHOP (1)

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

WORKSHOP (2)

Digital design for surgical guides.

March 31, 2024

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

Lectures-Workshops

Structure: 09:00-13:00 Lectures - 14:00-17:30 Workshops

April 25, 2024

Dr. Konstantina Dina Dedi

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

- 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 talking 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).

April 27, 2024

Prof. George Papavasiliou
Dr. Papathanasiou Ioannis

Removable implant Overdentures

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

Polymers in Implant Prosthodontics

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

WORKSHOP

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

April 26, 2024

Dr. Gianluca Paniz

Implant prosthetic Rehabilitation

- 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.

April 28, 2024

Dr. George Michelinakis
Dr. Christos Tsamis
Dr. Maria Bateli

Digital ERA in Implantology

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

WORKSHOP ON DIGITAL SCANNING

Digital scanning and analyzing all possibilities of digital technology for delivering high precision restorations, durability and aesthetics.

SESSION 3

Live Surgeries Demonstration

Structure: 09:00-13:00 Lectures - 14:00-17:30 Live Surgeries Demonstration

June 06, 2024

Dr. Dimitrios Apostolakis
Dr. Christos Tsamis

Pre-surgical radiologic assessment

- 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.

June 08, 2024

Dr. Costa Nikolopoulos
Dr. Petros Yovanoglou
Dr. Christos Tsamis

New Trends in Modern Implantology
Osseodensification Technique

- Osseodensification Technique.
- Optimize Your Implant Practice.

WORKSHOP

Placement of single implant with Osseodensification Technique.

LIVE SURGERIES

Placement of multiple implants.

June 07, 2024

Prof. Athanasios Pouloupoulos
Dr. Evangelos Parcharidis
Dr. Stergios Dratsios
Dr. Christos Tsamis

Limitations & Interactions of Local & Systemic Diseases in Dental Implantology

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

LIVE SURGERIES

Placement of single implant in the aesthetic zone.

June 09, 2024

Dr. Christos Tsamis

Regenerative Techniques

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

Surgical Clinical Participation – Implant Placement in Patients
Structure: 09:00-11:00 Treatment plan analysis - 11:00-18:00 Surgeries

July 12-14, 2024(Group 1)
September 20-22, 2024(Group 2)

Clinical Participation on Surgical Implant Placement in patients, analog and digital guided.

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.

Trainers:

Dr. John Kallis 🇬🇷
Dr. Nikos Mardas 🇬🇷
Dr. Nikolaos Tatarakis 🇬🇷
Dr. Christos Tsamis 🇬🇷

Dr. Maria Bateli 🇬🇷
Dr. Simeon Psomiadis 🇬🇷
Dr. Anastasios Gatzonis 🇬🇷

Dr. Stergios Dratsios 🇬🇷
Dr. Eleutherios Vavas 🇬🇷
Dr. Nikolaos Nakas 🇬🇷

Merimna Institute provides all patients for the clinical participation sessions. However, we encourage participants to practice on their own patients, after consultation with the Director of the program.



SESSION 5

Clinical Participation - Prosthetic Restoration in Patients
Structure: 09:00-12:00 Treatment Plan Analysis - 13:00-17:30 Clinical Participation in Patients

November 09-10, 2024(Group 1)
November 23-24, 2024(Group 2)

Clinical Participation-Implant Prosthetic Rehabilitation in patients, analog and digital guided

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

Trainers:

Dr. Ioannis Papathanasiou 🇬🇷
Dr. Maria Bateli 🇬🇷
Dr. Maria Gatou 🇬🇷
Dr. Marianna Kontopodi 🇬🇷

Learning Objectives

- 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.

*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.





NEW YORK PROGRAM

Advance Implantology



SESSIONS 6 & 7

JANUARY 06-17 2025

NYU College of Dentistry, New York



Linhart Continuing Education Program

“Current Concepts in American Dentistry:
Implantology / Oral Rehabilitation”
GREECE 16th GROUP 2024-2025



January 06, 2025

Epiphany (Greek Orthodox Holiday)
FREE DAY

January 07, 2025

Dr. Michael SONICK

“Implant Treatment in the Esthetic Zone”
(9:00 a.m. – 4:00 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
- Immediate versus delayed placement
- Flap designs
- Sequencing treatment and provisionalization
- Socket preservation techniques
- Second stage surgical techniques
- Reduction of surgical complication

January 08, 2025

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)

Study #2

The vestibular socket therapy: A novel concept for immediate implant placement in defective fresh extraction sites.

January 09, 2025

Dr. Abd Elsalam ASKARY

“CASE PRESENTATIONS”

(9:00 a.m. – 12:00 noon)

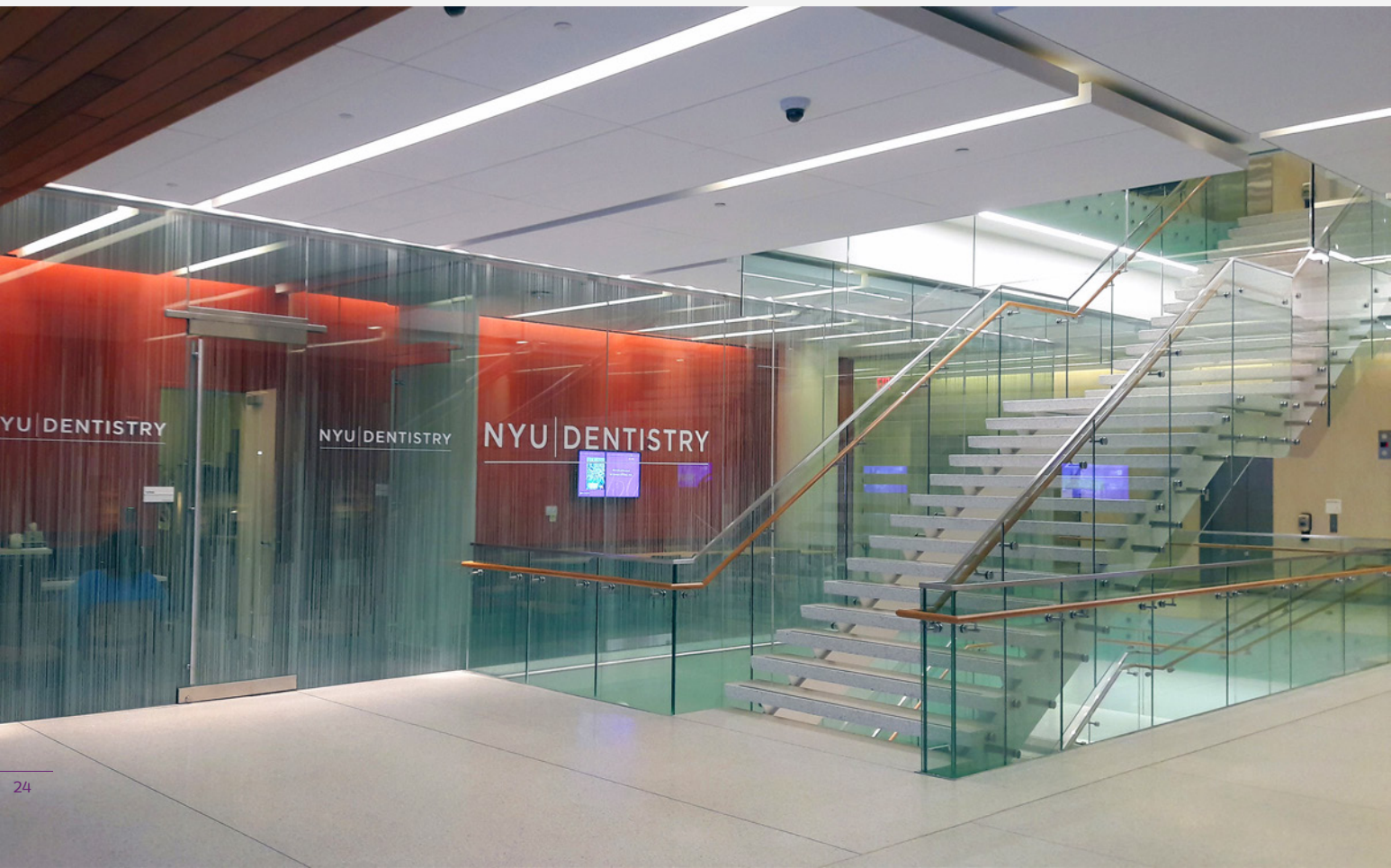
“Clinical Management of Aesthetic Complications with Dental Implants”

(1:00 p.m. – 4:00 p.m. CDE Theatre)

A clinical step by step guide that touches the daily practice of every clinician performing dental implants service especially in the aesthetic zone, a unique detailed clinical overview of related treatment complications with dental implant therapy that includes: poor diagnostic skills, regenerative complications, with emphasis on the potential risk factors that might escalate the failure rate, and the various implant placement errors and the potential treatment complications that occurs along with immediate implant therapy in the aesthetic zone. This course will focus on how to identify, avoid and treat potential treatment complications using various novel methods: using autogenous composite grafts, multidisciplinary treatment intervention, using laminar bovine bone sheets, using the combination treatment protocol for treatment of gingival recession around dental implants, and special emphasis on the author's philosophy on bone grafting predictability on a long term follow up.

The presentation objectives include:

- Implant related gingival recession, updated treatment protocol.
- How to predict any treatment complication prior to occurrence.
- The most predictable regenerative approach.
- Why do regenerative materials fail?
- Interdisciplinary treatment approach.
- Implant mal-position treatment.



January 10, 2025

Dr. Ziv MAZOR

“Guidelines for Achieving Esthetic Outcome with Implants Placed in the Esthetic Zone”

(9:00 a.m. – 12:00 noon)

The Anterior esthetic zone requires following essential surgical and restorative protocols for achieving esthetic natural appearing teeth. Misplacement of the implant will cause esthetic failure. The presentation will focus on the parameters affecting implants placement in the esthetic zone. Hard and soft tissue preservation methods as well as prosthetic solutions will be discussed. Use of autologous growth factors for soft tissue preservation and regeneration will be covered. The lecture will give an overview of the many clinical applications of PRF in oral and maxillofacial surgery, with a specific interest in the management of soft and hard tissues when using immediate loaded implants. PRF is a regenerative biomaterial and is particularly useful and adapted for the regeneration of soft tissues. Combined with immediate loading protocols, this material can allow to optimize the final aesthetic result and to promote a very natural, predictable and durable aesthetic reconstruction in the anterior areas. Complications and ways of repair will be demonstrated.

“Implant Complications and Failures – Ways to Avoid and How to Treat”

(1:00 p.m. – 4:00 p.m.)

Implant complications have become a major subject with the growth of Implantology. In this presentation factors affecting implant failures and complications which are patient, operator and manufacturer related will be described. Perimplantitis- the disease of the present and future will be addressed with ways how to avoid and treat. Part of the presentation will be dedicated to problem solving and how to learn from your own mistakes.

January 14, 2025

Dr. Ziv MAZOR

“CASE PRESENTATIONS”

(9:00 a.m. – 12:00 noon)

“Managing the Atrophic Ridge: From Planning Through Regeneration to Final Prosthesis”

(1:00 p.m. – 4:00 p.m.)

Dental Implants had become an optimal solution for replacing missing teeth both in single as well as complete edentulous patients. Bone resorption sometimes makes implant placement a difficult task both in anterior as well as posterior regions demanding advanced surgical regenerative procedures. In some situations, it requires long term treatment with an unpredictable prognosis. Implant treatment planning has developed immensely over the last decade. Implants are no longer placed where the bone is but where the ideal prosthetics should be. Using CBCT with three-dimensional planning software enables the clinician to accurately plan the surgical treatment taking into consideration the anatomical obstacles, this enables the operator to design surgical guides according to the digital data. This treatment protocol reduces chair operating time, minimizing patient’s discomfort and operator’s anxiety. The presentation will focus on the concept of using new innovative treatment approaches as well as unconventional surgical manipulations, application of blood derived growth factors concentrate allowing the clinician to reach the ultimate goal- bringing the patient the function and esthetics with his teeth in a shorter time period. The presentation will feature “outside the box” thinking and executing, using “osseodensification” for bone expansion and preservation.



January 15, 2025

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)

January 16, 2025

Dr. Stephen WALLACE

“Maxillary Sinus Elevation and Alternative Therapies”

(9:00 a.m. – 4:00 p.m.)

Evidence-based reviews of the sinus augmentation procedures over the past decade have shown that implants placed in grafted in maxillary sinuses experience survival rates similar to or better than implants placed in the non-grafted posterior maxilla. The evidence from these reviews, along with evidence from recent clinical studies has shown that the major factors required for success involve proper surgical technique, the utilization of rough-surfaced, tapered implants and the use of an osteoconductive, space-maintaining graft material.

This presentation will focus on the use of that information in the formulation of treatment plans that lead to the most favorable outcomes in clinical practice. Further research from a data base of over 1,000 sinus augmentation surgeries performed at the NYU Department of Implant Dentistry will be presented examined in a step-by-step manner that will allow the clinician to achieve maximum results with minimum complications. Handling of intraoperative and postoperative complications will be discussed.





Topics will include:

- Implant options in the posterior maxilla
- Evolution of lateral window sinus elevation techniques (rotary handpiece, Piezosurgery, DASK technique, S.A.D. technique, low window technique)
- Evolution of transcrestal sinus elevation techniques (DENSEAH, DASK, etc.)
- Complications (membrane perforation, graft infections, sinusitis)
- Re-evaluation of the lateral window technique in 2021

January 17, 2025

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:

2. 3 D Smile design
3. Digital Implant Planning and esthetic parameters.
4. Planning of Bone and Soft tissue grafting with minimally invasive procedures.
5. Planning of guides, provisional prosthetic reconstruction

MAKE:

6. Surgical Guides
7. Provisional restoration manufacturing.

DONE:

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

FINAL RESTORATION:

10. Final data acquisition
11. Final Reconstruction, Prosthetic Design, Materials and Technologies
12. 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 1

10:00 a.m. – 12:30 p.m.

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

New York Smiles Institute
Natural Vibrant Smiles

A Private Evening Event “full Mouth Rehabilitation And Restoring OVD”

We will be discussing Non-Symptomatic Patients who have worn their dentition or who have lost teeth and bieng restored with implants, establishing the proved OVD position for teeth and implants. This will assure success for our patients.

Dr. Dean Vafiadis

Program Director Full Mouth Rehabilitation NYU CDE Cours Clinical Associate Professor NYUCD

Address: 693 Fifth Avenue @54th Street – 14 Floor, New York, NY 10022 Website: www.nysi.org

Extra Day 2

14:30 p.m. - 18:00 p.m.

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



Oral Surgery procedures and Periodontal treatments

Dr Kallis 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..

Dr. John Kallis

Address: 617 E Palisade Ave Englewood Cliffs, New Jersey Website: premieroralsurgerygroup.com





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