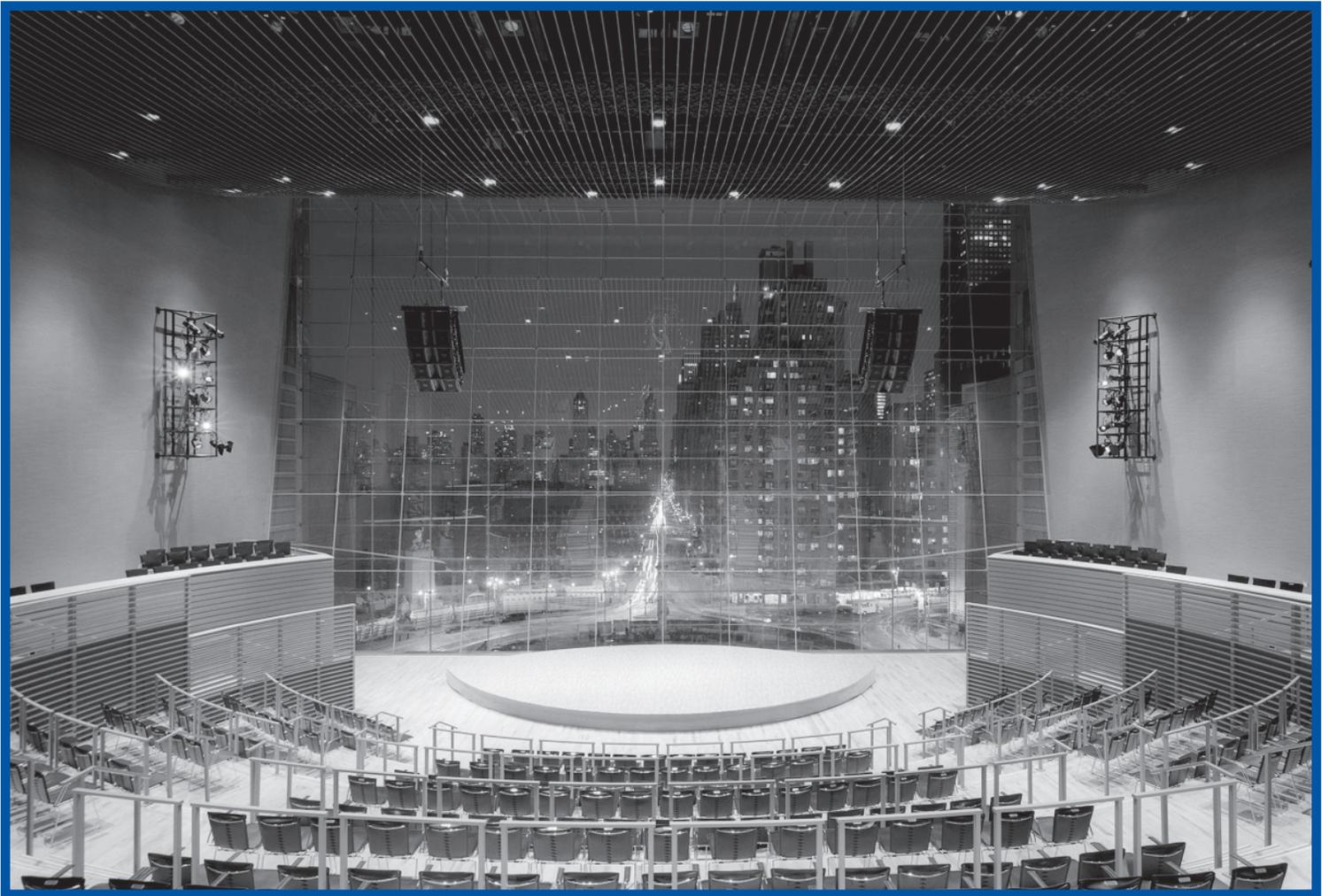




THE GREATER NEW YORK ACADEMY OF PROSTHODONTICS 68TH SCIENTIFIC MEETING

Technology and Reality



*The Appel Room, one of the three main performance venues
in Jazz at Lincoln Center's Frederick P. Rose Hall
Credit: Brad Feinknopf*

FRIDAY AND SATURDAY, DECEMBER 2 - DECEMBER 3, 2022
JAZZ AT LINCOLN CENTER'S FREDERICK P. ROSE HALL
BROADWAY AT 60TH STREET, NEW YORK CITY

Message From The President

The Greater New York Academy of Prosthodontics is pleased to invite you to attend our 68th Annual Fall Scientific Meeting, once again being held at the Jazz at Lincoln Center's Frederick P. Rose Hall in New York City. The Academy is proud of its long and impressive history of excellent programs, and plans are in place to assure a wonderful experience for all. Dr. Wael Att and his Program Committee have created a super scientific program for clinicians, educators and students. Dr. Robert Berg and his Fall Arrangements Committee have put in order the finest venue and events that highlight the Academy's traditions. We hope that you will join us for this opportunity to see state-of-the-art presentations given by experts from around the world in a facility second to none. And as always, we have access to the entire facility, which enables us to hold all aspects of the meeting in one location. New York City is a wonderful attraction around the holiday season. In addition to our scientific program, theater, arts, shopping, sightseeing and reconnecting with colleagues and friends await you. We hope to see you there.



Robert C. Rawdin, DDS

President, Greater New York Academy of Prosthodontics

Scientific Program

FRIDAY, DECEMBER 2, 2022

- 7:00 REGISTRATION
Jazz at Lincoln Center's Frederick P. Rose Hall
Continental Breakfast and Commercial Exhibits/Poster Presentations
- 7:45 PRESIDENTIAL GREETINGS
- Morning Presentations - Rose Theater**
Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Moderator: Effrat Habsha, DDS, MS
- 8:00-8:40 Ricardo Mitrani, DDS, MSD
TERMINAL DENTITION... Quo Vadis?
- 8:45-9:20 Steven A. Brisman, DMD
The Architectural Design of Final Implant Restorations: A Perio-Prosthodontic Journey From Pre-surgical Treatment Planning to Implant Supported Restorations
- 9:25-10:05 Dennis Rohner, Dr Med Dent, PhD
Technology and Reality in Maxillofacial Surgery
- 10:10-10:45 DISCUSSION BREAK - Ertegun Atrium
Commercial Exhibits/Poster Presentations
- Moderator: Frank Tuminelli, DDS*
- 10:50-11:30 Frank Celenza, DDS
Ortho/Perio in the Aligner Age
- 11:35-12:15 Stefano Gracis, DMD, MSD and David De Franco, DMD, DMedSc
Current Approaches in the Interdisciplinary Treatment Planning of the Prosthetic and Orthodontic Patient
- 12:30-1:55 LUNCHEON- The Appel Room
Presentation of the 2022 Jerome M. and Dorothy Schweitzer Research Award of the Greater New York Academy of Prosthodontics to Kenneth A. Malament, DDS, MScD
Presentation of the 2022 Greater New York Academy of Prosthodontics Distinguished Lecturer Award to Sonia Leziy, DDS
Presentation of the 2022 Greater New York Academy of Prosthodontics Achievement Award to Enrico Steger, MDT
- Afternoon Presentations - Rose Theater**
Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Moderator: Ernesto A. Lee, DMD
- 2:00-2:40 Kenneth A. Malament, DDS, MScD
An Advanced Perspective on Lithium Disilicate Restorations in the age of Zirconia
- 2:45-3:25 Eric Van Dooren, BDS
The Esthetic Implant Rehabilitation of Patients with Esthetically and Functionally Compromised Dentition
- 3:30-4:10 Nitzan Bichacho, DMD
Managing the Perio-Restorative Interface at the Smile Zone – Current Concepts and Strategies
- 4:15-4:50 German Gallucci, DMD, PhD
Fixed Full-Arch Restorations in Partially Edentulous Patients
- 5:00 Open Discussion and Wine Reception - Ertegun Atrium

SATURDAY, DECEMBER 3, 2022

- 7:30 REGISTRATION
Jazz at Lincoln Center's Frederick P. Rose Hall
Continental Breakfast and Commercial Exhibits
- Morning Presentations - Rose Theater**
Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Presiding Moderator: Debra H. Cohn, DDS
- 8:00-8:40 Florian Beuer, Dr. Med Dent, MME
Zirconia: A Suitable Material for Dental Implants and Restorations?
- 8:45-9:25 Michael S. Moscovitch, DDS
Zirconia: Setting the Record Straight
- 9:30-10:10 Enrico Steger, MDT
The Pursuit of Authentic Dental Esthetics: Micro-Layering, Ultra-Thin Zirconia Veneers and Precise Determination of Natural Tooth Color
- 10:15-10:50 DISCUSSION BREAK - Ertegun Atrium
Commercial Exhibits
- 10:55-11:35 Florin Cofar, DDS
Bottlenecks in Digital Dentistry
- 11:40-12:20 Bjarni E. Pjetursson, DDS, Dr Med Dent, MAS Perio, PhD
Avoiding Technical Complication with Proper Treatment Planning
- 12:30-1:50 BUFFET LUNCHEON - Ertegun Atrium
Lunch with Commercial Exhibitors
- Afternoon Presentations - Rose Theater**
Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Presiding Moderator: Lisa R. Antonoff, DDS
- 2:00-2:40 Sonia Leziy, DDS, Dipl Perio, FCDS(BC), FRCD(C)
Trends that are Changing Treatment and Planning in Implant Dentistry
- 2:45-3:25 Giovanni Zucchelli, DDS, PhD
Immediate Implant Placement: When Should It Not Be Flapless?
- 3:30-4:10 Marcelo Calamita, DDS, MS, PhD
Esthetics in Function: Integrating the Occlusal Principles into the Smile Design
- 4:15-4:55 Daniel Edelhoff, CDT, Dr Med Dent, PhD
Innovative Workflows and Material Selection in Complex Restorations
- 5:00 Adjournment
- 7:00 DINNER MEETING: The Metropolitan Club
One East 60th Street, New York, NY

RESERVE ESSAYIST

Richard B. Smith, DDS

Immediate Molar Implants: Evidence-based Surgical and Restorative Protocols

Continuing Education Credit

This continuing education activity has been planned and implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between The American College of Prosthodontists and the Greater New York Academy of Prosthodontics. The Greater New York Academy of Prosthodontics designates this activity for 13.5 continuing education credits.

PRESENTATION ABSTRACTS
FRIDAY, DECEMBER 2, 2022

7:00AM

REGISTRATION
Jazz at Lincoln Center's
Frederick P. Rose Hall
Continental Breakfast and Commercial
Exhibits/Poster Presentations

7:45AM

PRESIDENTIAL GREETINGS
Robert C. Rawdin, DDS

Morning Presentations - Rose Theater

Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD

Moderator: Effrat Habsha, DDS, MS

8:00AM - 8:40 AM

Ricardo Mitrani, DDS, MSD
Mexico City, Mexico

TERMINAL DENTITION...Quo Vadis?

For over a decade, the term "Terminal Detention" has unquestionably gained a lot of traction in the dental community, and it implies that there is a need to remove a patient's remaining dentition. But how do we reach such stage of conclusion? Does it mean the same to everybody? The reality is that the term Terminal Dentition is actually a 'dentist made term'.

Actually, until this day there seems to be confusion among dental practitioners as to what is the ideal prosthetic solution for these patients. Therefore this presentation will discuss a linear algorithm that allows the treating team to decide when to choose to give up hope on the remaining dentition as well as a classification that will help decide among the different restorative designs available.

Course Objectives:

1. Review a treatment planning algorithm that facilitates the assessment of the remaining dentition
2. Review a simple classification (LTR Classification) that helps identify the patient's condition and therefore decide the ideal treatment design for each given patient
3. Improve communication among the treating team

8:45AM-9:20AM

Steven A. Brisman, DMD
Scarsdale, NY

The Architectural Design of Final Implant Restorations: A Perio-Prosthodontic Journey from Pre-surgical Treatment Planning to Implant Supported Restorations

The Perio-Prosthodontic journey from teeth to implants for tooth replacements often poses a complete set of other issues that we face. As we have now had the time to evaluate implants long term, we realize that maintenance issues arise which require treatment and at times replacement. The architectural design of the final restoration needs to be evaluated from both a pre- and post-surgical standpoint. Implant supported restorations require a decision on cementable and screw retained restorations. Can we modify the design to create either approach? What materials do we use and what is the

design? How do we bring the emergence to blend utilizing what we know from the Perio-Prosthodontic management of teeth?

Digital CAD/CAM technology now creates the opportunity to manufacture customized solutions on a routine basis. Zirconia and titanium custom abutments and crowns can be fabricated to an extremely accurate fit creating new and promising restorative options. Previous cement retained protocols can now be changed to allow a screw retained restoration. An in-depth evaluation of both OEM and third-party componentry along with some of the manufacturing limitations is critical. Ultimately, a close coordination with our dental laboratory technicians and partners is imperative.

Course Objectives:

1. Understand the tooth to implant change or evolution with a Perio-Prosthodontic perspective
2. Understand the differences in post-surgical implant prosthodontic treatment planning utilizing analog and digital dental laboratory modalities
3. Participants will be able to analyze CAD/CAM restorative protocols and options for the restoration of anterior and posterior implant supported prostheses
4. Participants will be able to evaluate the advantages and limitations of OEM versus third-party componentry in the fabrication of final restorations

9:25AM-10:05AM

Dennis Rohner, Dr Med Dent, PhD
Basel, Switzerland

Technology and Reality in Maxillofacial Surgery

Patients require the best possible treatment for any disease. Modern technology allows us to provide our patients with highly skilled reconstruction techniques. But what about the cost? What about the access of every patient to these technologies? In reality we are able to reconstruct many defects using the newest technologies, but face the financial restrictions driven by the government and the insurance companies.

Based on different patient stories, we demonstrate the evaluation and progress in maxillofacial surgery and the possibilities for reconstruction of defects in the head and neck area.

Course Objectives:

1. What is the technological progress in maxillofacial surgery over the last 10 years
2. How can we achieve the best possible results in reconstruction of maxillofacial defects
3. How to accomplish functional rehabilitation using the combination of different technologies

10:10AM-10:45AM

DISCUSSION BREAK
Commercial Exhibits/Poster Presentations
Ertegun Atrium

Moderator: Frank Tuminelli, DDS

10:50AM-11:30AM Frank Celenza, DDS
New York, NY

Ortho/Perio in the Aligner Age

Certain orthodontic movements are utilized for their beneficial impact upon the periodontium. These movements include forced eruption, molar uprighting, embrasure management, root torqueing, and implant interactions. Historically, these movements were accomplished primarily by employing fixed appliance mechanotherapy. However, the advent and development of aligner therapy has developed to a level of sophistication that now allows these movements to be accomplished utilizing removable aligner techniques. This presentation will delineate the philosophy behind these movements, the periodontal benefit, and display clinical cases that illustrate these methods.

Course Objectives:

1. Participants will develop an appreciation for the periodontal aspects of certain tooth movements
2. Participants will develop an appreciation for physiology of tooth movement
3. Participants will gain an understanding of aligner mechanotherapy
4. Participants will gain an exposure to interdisciplinary management of clinical situations

11:35AM-12:15PM Stefano Gracis, DMD, MSD
Milan, Italy
David De Franco, DMD, DMedSc
Milan, Italy

Current Approaches in the Interdisciplinary Treatment Planning of Prosthetic and Orthodontic Patients

In many partially edentulous patients requiring prosthesis and osseointegrated implants, orthodontic treatment is indicated to reposition natural teeth. This may be important to correct the sagittal, vertical and transverse positions of the teeth, to improve masticatory function, to create the necessary space for restoring the M-D dimension of the crowns and to obtain a satisfactory and natural looking esthetic outcome. Osseointegrated implants, as well as non-integrated mini-implants or temporary anchorage devices (TADs), can be used as anchorage to carry out the planned orthodontic movements, especially in those patients with many missing teeth, and to support temporary crowns in edentulous areas. The treatment of such patients implicates a complete diagnosis, careful planning and an efficient line of communication between the orthodontist and the prosthodontist.

This lecture will illustrate the variables that should be taken into consideration when a combined ortho-implant-prosthetic treatment is necessary. Several clinical cases will help demonstrate the decision-making process.

Course Objectives:

1. After the lecture, the participant will have learned the indications for requesting an orthodontic setup as an effective means of communication within the team and with the patient, and to evaluate the realism and trueness of what is envisioned as treatment outcome
2. How TADs can be used to perform otherwise “impossible” movements
3. How to plan for implant insertion in relationship to the position that the teeth will have after the orthodontic movement

12:30PM - 1:55PM LUNCHEON- The Appel Room

Presentation of the 2022 Jerome M. and Dorothy Schweitzer Research Award of the Greater New York Academy of Prosthodontics Award to

Kenneth A. Malament, DDS, MScD

Presentation of the 2022 Greater New York Academy of Prosthodontics Distinguished Lecturer Award to **Sonia Leziy, DDS**

Presentation of the 2022 Greater New York Academy of Prosthodontics Achievement Award to **Enrico Steger, MDT**

Afternoon Presentations - Rose Theater

Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Moderator: Ernesto A. Lee, DMD

2:00PM - 2:40PM Kenneth A. Malament, DDS, MScD
Boston, MA

An Advanced Perspective on Lithium Disilicate Restorations in the Age of Zirconia

Dentistry that is esthetic to the patient and ceramic survival are important clinical objectives. The knowledge within dental technology, dental science and dental practice has dramatically expanded leading to better quality, artistry and more standard based clinical applications. Ceramics are the most consistently predictable esthetic dental material. Today dentists can offer more treatment options for patient's simple and complex problems. The single phase or monolithic all-ceramic materials have become increasingly more popular and do not chip as do all bi-layered ceramic materials. These types of dental ceramic materials are dominating the market and future development bringing with it more long-term success. Monolithic zirconia and metal-ceramics are the “state of the art” for complex splinted teeth and implant prosthodontics.

All-ceramic materials were developed to improve ceramic color and marginal fit. Until recently few research reports attempted to study their long term use or factors that relate to their performance without modeling the data. Present bi-layered all-ceramic crowns on molars have reached their full potential. Despite substantial improvements in material strength and toughness, they still fail because of breakage and chipping at relatively high rates. The Lithium Disilicate

e. max and Zirconia mono-layered all-ceramic material is changing dentistry and the realization of long-term ceramic survival and there are significant improvements on the horizon. Original research will be presented that studied the clinical behavior of almost eight thousand all-ceramic restorations and specifically significantly more than 4000 e. max Lithium Disilicate restorations. An emphasis on the survival of complete and partial coverage restorations will be discussed.

Understanding methods to manage simple and complex restorative issues are critical to improving patient acceptance and even long term ceramic success. Methods to integrate the efforts of laboratory technologists and patients desires, managing occlusion and final cementation protocols can have a profound impact in the practice of dentistry.

Course Objectives:

1. Understand the controversies that exist with modern dental materials
2. Understand what clinical factors impact long term survival of dental ceramic materials. The e.max lithium disilicate ceramic restoration has proved with over 4000 restorations and 17 years to be the most successful ceramic ever studied
3. Understand the restoration of dental implants in complex conditions

2:45PM - 3:25PM

Eric Van Dooren, BDS
Antwerp, Belgium

The Esthetic Implant Rehabilitation of Patients with Esthetically and Functionally Compromised Dentition

The esthetic implant rehabilitation of patients with esthetically and functionally compromised dentition frequently involves a multidisciplinary approach. The achieving of esthetic objectives in multidisciplinary cases represents a considerable clinical challenge. During recent years, treatment modalities and options have changed. From a surgical point of view, less invasive procedures are used in order to preserve soft tissue anatomy and minimize recession. Also the design of implants and prosthetic components has changed in order to minimize bone resorption and soft tissue alterations. This lecture will focus on a new surgical and prosthetic approach in difficult esthetic implant rehabilitations.

Course Objectives:

1. Understand the perio-pros correlation in anterior implant restorations
2. Understand the use of connective tissue grafting
3. Understand the prosthodontic factors that influence long term soft tissue stability

3:30PM - 4:10PM

Nitzan Bichacho, DMD
Tel Aviv, Israel

Managing the Perio-Restorative Interface at the Smile Zone: Current Concepts and Strategies

In order to achieve a harmonious esthetic result of indirect restorations at the smile zone - the operators should not only choose the material of the restoration and analyze and relate to the abutment type and color but relate as well to the integration of the whole restorative complex with the surrounding tissue, whether of a natural tooth (vital or non-vital), or an implant.

In cases where different types of abutments should be restored at the same arch, the treatment is even more challenging. One should plan ahead the different phases of the perio-restorative treatment in order to end up with a harmonious natural looking result, by choosing the most suitable treatment option for each site, so that the combined abutment-crown complexes will blend with each other, as well as with the adjacent dentition and with healthy periodontium. State of the art strategies will be presented of challenging teeth and implant restorations, utilizing diverse laboratory and clinical restorative techniques as well as different tissue management techniques.

The concepts of Model Based Restoration design and Cervical Contouring will be presented and analyzed in a variety of esthetically-oriented treatments.

Course Objectives:

1. Develop implant therapy protocols for long term stability and esthetically appealing results
2. Gain an understanding of the influence of the cervical restoration contour on the position and the shape of the surrounding soft tissue
3. Gain an understanding of the model-based planning and the advantages of the Cervical Contouring Concept in natural abutments and implant-supported restorations
4. Review the factors related to the abutments used in implant dentistry to restore bone level implants, which may influence the stability of the peri-implant soft tissues

4:15PM - 4:50PM

German Gallucci, DMD, PhD
Boston, MA

Fixed Full-Arch Rehabilitation in Partially Edentulous Patients

Oral rehabilitation concepts with fixed prosthesis in partially edentulous patients have significantly evolved in the last decade. This evolution was mainly driven by current therapies with dental implants on one hand, and the fast adoption of adhesive techniques on the other. In addition, the digital revolution plays a major role as a diagnostic and therapeutic tool to treat partial edentulism with fixed rehabilitations. Furthermore, this lecture will address the different strategies for long-term success and strategies for treatment sequencing according to their corresponding prosthetic designs. One important factor in the treatment of this cohort of patients is the criteria used for maintaining or extracting teeth and the timing of planning a comprehensive oral rehabilitation vs conforming treatment. This lecture intends to present in a systematic way clinical, scientific, and oral rehabilitation related information leading to translational clinical

recommendations in the treatment of partially edentulous patients with fixed prosthesis.

Course Objectives:

1. Familiarize with current concepts in full arch rehabilitations to fixed prosthesis
2. Assess associated strategies for treatment planning and sequencing
3. Widen treatment options using a selective approach

5:00PM

OPEN DISCUSSION AND WINE RECEPTION - Ertegun Atrium
Commercial Exhibits/Poster Presentations

**PRESENTATION ABSTRACTS
SATURDAY, DECEMBER 3, 2022**

7:30AM

REGISTRATION
Jazz at Lincoln Center's
Frederick P. Rose Hall
Continental Breakfast and Commercial Exhibits

Morning Presentations - Rose Theater

Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD
Moderator: Debra H. Cohn, DDS

8:00AM-8:40AM

Florian Beuer, Dr. Med Dent, MME
Berlin, Germany

Zirconia: A Suitable Material for Dental Implants and Restorations?

Over the last decades zirconia has become one of the most interesting materials in restorative dentistry. In implant dentistry all-ceramic materials have been used for more than 50 years. First alumina was the material of choice which showed acceptable osseointegration but inferior mechanical properties. Today modern zirconia materials exhibit enough stability for long-term clinical success. However, the market share of dental implants fabricated from zirconia is still below 2% in Europe. An important point might be the question of one-piece or two-piece concepts. Two-piece titanium implants as the golden standard offer prosthetic advantages compared to one-piece zirconia implants. Two-piece zirconia implants are associated with a certain minimum diameter and the difficulty to mount the abutment to the implant without applying tension to the zirconia implant.

The lecture will give an overview of zirconia implants available on the market and the scientific background. Furthermore, a clinical concept for zirconia implants and zirconia restorations on titanium implants will be given.

Course Objectives:

1. Current knowledge on zirconia implants
2. One-piece vs. two-piece zirconia implants
3. All-ceramics on dental implants

8:45AM-9:25AM

Michael S. Moscovitch, DDS
Montreal, Canada

Zirconia: Setting the Record Straight

Zirconia maintains a complex relationship with the practice of restorative dentistry. First introduced as an alternative to the supporting structures of feldspathic ceramics primarily used in the maxillary anterior region for single crown esthetic restorations. This approach achieved a similar degree of performance success exhibited with other pre-existing materials. Zirconia's superior strength deemed it suitable for fixed bridges compared to other ceramic systems. Unfortunately, this proved to be problematic in posterior regions of the dentition, high function individuals and implant supported restorations. Extraordinary efforts continue to attempt to resolve the frequency of damage that occurs.

The discovery that zirconia could be used monolithically and minimally veneered with porcelain provided a new direction for zirconia to become a more viable alternative to other restorative materials. Unfortunately, the difficulties encountered were esthetic challenges, manufacturing issues and the explosion of a confusing proliferation of new material formulations and methods claiming to solve these dilemmas. It is noteworthy that zirconia is an extremely complex ceramic requiring unwavering attention to detail and a thorough understanding of the properties and processes to produce esthetic and reliable restorations for daily practice. Documented data indicates that with proper laboratory and clinical management of dental zirconia materials, superior clinical performance success can be achieved.

This presentation will address these issues and provide scientific and clinical data to support the reliable use of dental zirconia.

Course Objectives:

1. Provide 13+ year data and results from a consecutive case series study. (Originally published at 5 years 8 months and 13+ years submitted for publication)
2. Discuss the digital workflow process used in the production of zirconia restorations
3. Discuss some of the relevant issues in understanding dental zirconia materials and associated clinical procedures

9:30AM-10:10AM

Enrico Steger, MDT
South Tyrol, Italy

***The Pursuit of Authentic Dental Esthetics:
Micro-layering, Ultra-thin Zirconia Veneers and
Precise Determination of Natural Tooth Color***

Enrico Steger, MDT, will illustrate the latest materials, tools and techniques for achieving a high degree of customization and esthetics on zirconia reconstructions. The prerequisite for an esthetic restoration is the reproduction of the most suitable tooth color and form, in harmony with facial complexion. In this context, Mr. Steger will explain the importance of using 3D face scans during design as well as shade guides made of monolithic zirconia teeth in reproducing the same color for the final restoration. The topic of monolithic or minimally-

reduced zirconia will be further explored by the lecturer in a step-by-step presentation of implant-supported restorations, where an innovative micro-layering technique will be presented, proving how the latest material technologies and manual dexterity perfectly combine to achieve optimum levels of esthetics and customization. In this framework, new typologies of zirconia with color or even translucency and flexural strength gradients will be outlined. Mr. Steger will also concentrate on the topic of non or minimally invasive zirconia restorations, introducing a new technique for the production of ultra-thin zirconia veneers.

Course Objectives:

1. Illustrate the importance of 3D face scans and monolithic zirconia shade guides for achieving optimum esthetics
2. Demonstrate a new micro-layering technique, in combination with innovative zirconia materials with color gradient
3. Explain a new concept for the manufacture of ultra-thin zirconia veneers, including cementation techniques

10:15AM-10:50AM DISCUSSION BREAK - Ertegun Atrium Commercial Exhibits

10:55AM-11:35AM Florin Cofar, DDS
Timisoara, Romania

Bottlenecks in Digital Dentistry

The presentation will explore meaningful use of available technologies, understanding bottlenecks and discuss work-arounds, ultimately rethinking design beyond the classic mot-a-mot conversion from analogue dentistry. Managing dark substrates in the context of monolithic restorations and soft tissue management in relation to design will be discussed. Predictability in design in interdisciplinary cases are reviewed.

Course Objectives:

1. How to shift the timeline of design to create more leverage in digital workflows
2. Key elements for realistic interdisciplinary planning
3. How to use design to guide soft-tissue healing

11:40AM-12:20PM Bjarni E. Pjetursson, DDS, Dr Med Dent, MAS Perio, PhD
Reykjavik, Iceland

Avoiding Technical Complication with Proper Treatment Planning

It is already more than half a century since the first endosseous dental implants were inserted on patients to support fixed implant-supported restorations.

Over the decades the experience with dental implants has been very positive. Hundreds of clinical studies have reported very high survival rates of dental implants and implant-supported restorations. Many of the studies have also reported on biological complications, such as marginal bone loss and soft tissue complications.

Technical complications and the prevalence of patients with or without failures and complications have received significantly less attention. For implant-supported restorations, different technical complications can occur over the years in function. These can be minor complications, which can be corrected or repaired without investing lots of time and effort. But there are also complications, classified as major complications, resulting in a lot of time and effort to be invested or even worse, the restoration has to be removed, remade or re-designed.

In this lecture, the incidence of different technical complications by implant-supported reconstructions and what we have learned from technical complications will be presented. The etiology of technical complications will be addressed and discussed as to how it is possible to reduce or eliminate technical complications in implant dentistry today with proper treatment planning and appropriate selection of materials and components. Critical steps of the treatment protocols that need to be meticulously executed will be addressed in detail.

Course Objectives:

1. To become familiar with the main technical complications associated with implant treatment and their prevalence
2. To understand the etiology of technical complications in implant dentistry
3. To be able to significantly reduce or eliminate technical complications in implant dentistry with proper evidenced based treatment planning

12:30PM -1:50PM BUFFET LUNCHEON - Ertegun Atrium
Lunch with Commercial Exhibitors

Afternoon Presentations - Rose Theater

Introduction: Wael Att, DDS, Dr Med Dent, DMD, PhD

Moderator: Lisa R. Antonoff, DDS

2:00PM-2:40PM Sonia Leziy, DDS, Dipl Perio, FCDS(BC),
FRCD(C)
Vancouver Island, British Columbia, Canada

Trends that are Changing Treatment and Planning in Implant Dentistry

This presentation will review some of the emerging trends in both surgical and restorative thinking and treatment, and how they are changing today's clinical landscape. The goal in common to all clinicians is to provide ideal care with proven materials and predictable concepts from surgery through to restoration. However, early adoption of emerging technologies and innovations may challenge this philosophy. The objectives of this presentation include reviews of specific concepts and the clinician's experiences in those areas.

Course Objectives:

1. The demand for immediate treatment surgical and restorative protocols in small edentulous areas. Why, when and how
2. Digital/virtual treatment planning, communication, documentation and treatment. How this technology is changing the surgical and restorative landscape. Why this is essential in immediate placement/tissue guidance concepts

3. Hard and soft tissue management protocols to improve esthetics, tissue quality and long-term tissue health and stability: understand the role of new grafting materials, handling, technical procedures and where they apply

2:45PM-3:25PM

Giovanni Zucchelli, DDS, PhD
Bologna, Italy

Immediate Implant Placement: When Should It Not Be Flapless?

Immediate implant installation is traditionally considered as a flapless procedure and it is indicated only in sites with ideal anatomical conditions such as an intact facial bone wall with a thick wall phenotype (> 1 mm) and a thick gingival biotype. The aim of the lecture will be to describe a mucogingival approach to immediate implant installation that allow performing this surgical treatment also in different clinical scenarios, such as:

- Unfavorable position of the soft tissue margin of the tooth to be extracted
- Unfavorable condition of the soft tissue margin of the adjacent teeth (presence of gingival recession or altered passive eruption)
- Loss of papillae height and thickness of the tooth to be extracted
- Unfavorable condition of the buccal bone wall

Course Objectives:

1. Understand the roll of connective tissue graft in implant esthetic therapy
2. Learn how to perform the surgical procedures step by step
3. Underline the role for maintenance phase for long term success

3:30PM-4:10PM

Marcelo Calamita, DDS, MS, PhD
Sao Paulo, Brazil

Esthetics in Function: Integrating the Occlusal Principles into the Smile Design

Biologic adaptive processes should be recognized and taken into consideration during the anamnesis and patient evaluation. These will play a key role in risk analysis when selecting the best option of treatment or restorative material for the patients at that moment in their lives.

Based on the scientific based/ clinically relevant binomial, it will be discussed how to integrate the classic analog prosthodontic principles with state-of-the-art digital tools, from the treatment planning until cementation. Critical aspects of occlusion will be pragmatically reviewed in order to provide parameters for the decision-making process and streamline the treatment sequence.

Course Objectives:

1. How the physiologic or pathologic status of the stomatognathic system will interfere with treatment planning
2. A systematic and straightforward approach to incorporate the essential principles of occlusion into the smile design
3. Clinical strategies for effective performance and predictable outcomes

4:15PM-4:55PM

Daniel Edelhoff, CDT, Dr. Med Dent, PhD
Munich, Germany

Innovative Workflows and Material Selection in Complex Rehabilitations

Digital technologies offer access to more diagnostic information and enable a higher predictability for the restorative approach. With the transformation of the treatment goal into polymer materials, innovative options for the clinical evaluation of esthetics and function are available. In this prototype period adjustments according to the patients demands can be easily integrated and material selection represents an important part of the process. The transfer into definitive all-ceramic restorations can be divided into multiple treatment segments minimizing risk factors of complex rehabilitations.

Course Objectives:

1. Differentiate pre-treatment options with CAD/CAM fabricated polymers
2. Identify the treatment steps for the transfer into definitive restorations
3. Understand material selection criteria to ensure durable CAD/CAM fabricated restorations

5:00PM

ADJOURNMENT

7:00PM

DINNER MEETING

The Metropolitan Club
One East 60th Street, New York, NY

RESERVE ESSAYIST

Richard B. Smith, DDS

Immediate Molar Implants: Evidence-based Surgical and Restorative Protocols

Controversy and the lack of an evidence-based protocol continue to prevent the immediate implant molar from being a widely accepted procedure. Placing implants into wide sockets requires an entirely different approach than single-rooted tooth sockets and we cannot simply apply that protocol to the molar site. Research even shows that incorrect molar implant positioning affects the health of adjacent teeth and we need to reconsider our treatment options. Treatment protocols will be presented based upon existing literature, biologic rationale, and the latest research data. The implications of these new protocols are far-reaching and should affect the way we all practice. Concepts that will be examined include: extraction techniques, socket classification, immediate versus delayed placement, to graft the socket or not, tooth-implant space distribution strategies, how to manage “the gap” and immediate provisionalization. The immediate molar implant, done in accordance with these evidence-based protocols, can be a game-changer for any practice.

Course objectives:

1. Understanding when an immediate molar implant is the appropriate choice of treatment
2. Ability to treatment plan the molar implant based upon socket type and specific anatomic parameters unique to molar sites
3. Whether or not to graft a molar extraction site either in either a delayed or immediate placement protocol
4. Appreciate the nuances of the prosthetic outcomes based upon surgical protocols

Corporate Exhibitors

*The Greater New York Academy of Prosthodontics
gratefully acknowledges the support of the following exhibitors:*



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SOCIAL EVENTS

Thursday Speaker's Dinner (GNYAP Council, speakers, exhibitors with their spouse/guest)

This dinner, which honors the speakers, will be held at the elegant Columbus Club, which is located at 8 East 69th Street (at Fifth Avenue) at 7:00 PM. Attendance is limited to speakers with spouse/guest and the following Academy members: Executive Council, all Past Presidents, Chairs of the Following Committees: Program, Fall Meeting, Audio Visual and Dinner Meeting. If you wish to attend, please fill out that portion of the registration form and include the appropriate amount in your payment. Space is limited and guests will be accommodated on a first-come, first served basis.

Saturday Night Dinner Meeting

The Greater New York Academy of Prosthodontics cordially invites you to attend this year's spectacular Dinner Meeting. The event is held to honor our new officers, our distinguished speakers and the entire Academy family. It will be held on Saturday, December 3rd at 7:00 PM at the Metropolitan Club, One East 60th Street, New York City. Once again, Nobel Biocare generously sponsors this event. **Black tie is required.** What better way to compliment the 68th Scientific Meeting than by joining us at the Metropolitan Club. We promise you a very special evening.

POSTER CLINIC PRESENTATIONS

As part of our commitment to education and research, please make sure to see all of our graduate student poster presentations on the 6th floor. Available on Friday, December 2nd only.

JAZZ AT LINCOLN CENTER'S FREDERICK P. ROSE HALL

This venue is located near Columbus Circle. Please note the address: **Jazz at Lincoln Center's Frederick P. Rose Hall, Broadway at 60th Street.** This location is NOT Lincoln Center but a separate and distinct entity.

Hotel arrangements have been made at the Thompson Central Park New York Hotel, 119 West 56th Street (between Avenue of the Americas and Seventh Avenue). See inside back cover for additional information.

ATTENTION RESIDENTS AND RECENT GRADUATES: THE DR. MARTIN E. KANTOR SEMINAR

Current residents in Advanced Education Programs in Prosthodontics (AEPP) and their recent graduates (2018-2022) are invited to attend a special seminar on Thursday morning, December 1, 2022 at 9:00 AM at the Harmonie Club, 4 East 60th Street. The seminar is named for our past fellow, Dr. Martin E Kantor, whose commitment to prosthodontic education lives on.

The featured speakers are Kenneth A. Malament, DDS, MScD and Sonia Leziy, DDS. This special seminar encourages discussion between the attendees and the speakers. This is an excellent opportunity to meet these dedicated educator-clinicians. If you plan to attend, please register for this seminar online or on the enclosed registration form. **Please note: ONLY current AEPP residents and recent graduates may attend!** Following the seminar, there will be a luncheon and additional presentations. Please come and enjoy the camaraderie.

MEETING REGISTRATION INFORMATION

Pre-Registration by Mail: Enclosed you will find a registration form. If you wish to attend, please fill out the registration form and return by **November 23, 2022** with the necessary payment to: The Greater New York Academy of Prosthodontics, 426 Hudson Street, Hackensack, NJ 07601. **Or, you can register online at www.gnyap.org.**

Pre-Registration by Fax: Our fax: (201) 440 7963

On-Site Registration: (Friday, December 2, 2022) Atrium, Jazz at Lincoln Center's Frederick P. Rose Hall: 7:00AM to 3:00PM
(Saturday, December 3, 2022) Atrium, Jazz at Lincoln Center's Frederick P. Rose Hall: 7:30 AM to 1:00 PM

MEETING REGISTRATION CANCELLATION POLICY

- Full refunds will be granted to written requests postmarked six weeks prior to the Fall Meeting
- A 75% refund, minus a \$25 processing fee, will be granted for written requests postmarked 4-6 weeks prior to the Fall Meeting
- A 25% refund, minus a \$25 processing fee, will be granted for written requests postmarked within four weeks prior to the Fall Meeting
- The GNYAP Administrative Coordinator will process all approved refunds within 45 days after the completion of the meeting
- In case of cancellation due to natural disaster and/or Act(s) of Terrorism, refunds are limited to meeting registration fees and social event fees only

HOTEL REGISTRATION

The Greater New York Academy of Prosthodontics has reserved a limited number of hotel rooms at the Thompson Central Park New York Hotel, 119 West 56th Street (between Avenue of the Americas and Seventh Avenue) at a special meeting rate of \$599 for a Studio Suite. Please call the Reservations Department at the Thompson Central Park New York Hotel directly (877) 803 7534 or (212) 245 5000 and reference the **GNYAP ANNUAL FALL MEETING 2022** for the group rate before the deadline of **November 2, 2022** to ensure this rate. You can also register on line: <https://www.hyatt.com/en-US/group-booking/LGATP/G-GDBA>. After the deadline, you will be charged the normal rate and rooms may not be available. The rates are subject to the current state tax of 8.875% and NYC hotel tax of 5.875% plus a \$2.00 per night New York City occupancy tax and a \$1.50 Javits Center fee.

Business Meeting

(GNYAP Members Only)

The Business Meeting will take place from 9:00 AM to 12:00 PM
on Thursday, December 1, 2022
at the Harmonie Club
4 East 60th Street, New York City.
Lunch to follow.

The afternoon will have presentations by potential new members.

This meeting is sponsored by the GNYAP.

All photography and videotaping of any presentation within the Jazz Facility is by permit only.

Those violating this policy face the potential confiscation of any recording, photo or video.

The Academy encourages limited discussion after each presentation.

About The Greater New York Academy of Prosthodontics

Our Mission

The mission of the Greater New York Academy of Prosthodontics is to promote: the art, science and practice of prosthodontics; the highest ethical standards and professional membership; a better understanding among the specialties of dentistry and related professions; basic and clinical research in prosthodontics.

Our Goals

The goals of the Academy shall be:

- Elevate the art and science of prosthodontics by having its members participate in education, research and patient care
- Improve the health and well being of the public through the dissemination of prosthodontic knowledge
- Select for membership those persons who have demonstrated accomplishments and proficiency in prosthodontics and can make meaningful contributions to the art, science and practice of prosthodontics
- Encourage lifelong learning in its membership and the prosthodontic community and to further encourage its members to seek opportunities to share their prosthodontic knowledge and skills
- Encourage its membership to anticipate and implement changes in the practice of prosthodontics
- Ensure that its membership adheres to the highest professional ethical standards

Our History

The Greater New York Academy of Prosthodontics was formally organized on December 6, 1954 in New York City, to meet the needs of dentists located in the eastern part of the United States who were interested in the practice of prosthodontics and its related sciences. The Academy's original aim was to foster a better understanding among the various specialty groups in dentistry, and to promote and stimulate further research in prosthodontics and its related fields. The organization has grown from its original thirteen charter members to 201 at present. Membership is by invitation, and is not confined to the New York area.

