Jay S. Seibert Tri-School Symposium 2019

Friday, April 12 - Saturday, April 13

School of Dental Medicine
Cheung Auditorium
240 S 40th S,
Philadelphia, PA 19104

Thank you to Our Sponsors!
**Friday | April 12, 2019 | AM**

8:00-8:45 Registration / Breakfast

8:45-9:00 Opening Remarks

Moderator: Dr. Alli Gilberg

9:00-9:45 Stabilization of Dermal Allograft for Predictable Root Coverage | Dr. Toni Salama (NYU)

9:45-10:30 Evolution of Root Coverage Procedures: the Tunneling Technique | Chung-Han Yui (BU)

10:30-10:45 Coffee Break

10:45-11:30 The Concept of Periodontal Prosthesis: Evolution through the Years | Dr. Laura Torrecillas-Martínez (UPenn)

11:30-12:15 Surgical Digital Workflow: Treatment Planning & Execution | Dr. David Malakov and Dr. Dina Zahedi (NYU)

**Friday | April 12, 2019 | PM**

12:15-1:15 Lunch break

Moderator: Dr. Brisa Ocampo

1:15-2:00 Guiding principles, the key to successful bone augmentation | Dr. David Mishler (NYU)

2:00-2:45 Penn Initial Phase Efficiency Study (PIPES): A Reaction to the Past | Dr. Meera Sahni (UPenn)

2:45-3:00 Coffee Break

3:00-3:45 Maxillary Frenectomy in Orthodontic Space Management | Dr. Adrien Hamedi (UPenn)

3:45-4:30 Current Advances in Piezocision for Surgically Facilitated Orthodontics | Dr. Trevor Fujinaka (BU)

6:30 Dinner at World Cafe Live Philadelphia. 3025 Walnut St, Philadelphia, PA 19104
Saturday | April 13, 2019 | AM

8:00-8:45 Registration / Breakfast

*Moderator: Dr. Alli Gilberg*

9:00-9:45 Amniotic Growth Factors induced bone formation in a mouse ex-vivo model | Dr. Abdullah Bamashmous (BU)

9:45-10:30 Comorbid Conditions are a Risk for Osteonecrosis of the Jaw Unrelated to Antiresorptive Therapy | Dr. Vanessa Bikhazi (NYU)

10:30-10:45 Coffee Break

10:45-11:30 The Diabetes Epidemic: Implications in Periodontology through its Impact on Bone | Dr. Kang Ko (Upenn)

11:30-12:15 Case Report: Hereditary Gingival Fibromatosis coinciding with severe periodontitis | Dr. Jerry Chiu (BU)

12:-15 Closing Remarks

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**University of Pennsylvania**

**Dr. Adrien Hamedi** | Maxillary Frenectomy in Orthodontic Space Management

This presentation will explore the proper timing for maxillary frenum removal and the factors involved. The what, the why, the when will be discussed. By the end, the audience will be able to manage each clinical scenario with their referring orthodontist.

**Dr. Kang Ko** | The Diabetes Epidemic: Implications in Periodontology through its Impact on Bone

Diabetes is a systemic disease that has significant impact on bone metabolism. This presentation will cover classic diabetes literature, common mechanism of action between diabetes and periodontal disease, and basic science research on diabetes, inflammation and bone healing.

**Dr. Meera Sahni** | Penn Initial Phase Efficiency Study (PIPES): A Reaction to the Past

This presentation will explore the proper timing for maxillary frenum removal and the factors involved. The what, the why, the when will be discussed. By the end, the audience will be able to manage each clinical scenario with their referring orthodontist.

**Dr. Laura Torrecillas-Martínez** | The Concept of Periodontal Prosthesis: Evolution through the Years

The Periodontal Prosthesis program was founded in 1955, and its concepts and principles were developed through the 1960s and the 1970s with the materials and techniques available at that time. Nowadays, the program has evolved and has adopted new technologies and workflows but still applies the same philosophy of treatment of classic Periodontal Prosthesis.
New York University

Dr. Vanessa Bikhazi | Comorbid conditions are a risk for osteonecrosis of the jaw unrelated to antiresorptive therapy

Osteonecrosis of the jaw is most commonly associated with antiresorptive therapy. Our research demonstrates that ONJ (unrelated to antiresorptive therapy) may be associated with one or more comorbidities. Therefore, our findings suggest that comorbidites may increase the risk of ONJ (uat) and delayed healing.

Dr. Toni Salama | Stabilization of dermal allograft for predictable root coverage

Numerous predictable and esthetically acceptable mucogingival grafting procedures exist to treat exposed roots. One of the disadvantages of root coverage grafting is the limited supply of donor tissue and that it often requires more than one surgical site. Our technique uses titanium alloy tacks with acellular dermal matrix to maximize and protect the plasmatic fluid in the early stages of wound healing, which promotes adherence and stabilization of the graft prior to re-vascularization. adherence and stabilization of the graft prior to re-vascularization.

Dr. David Malakov & Dina Zahedi | Surgical Digital Workflow: Treatment Planning and Execution

The use of digital technology in dentistry has been a topic of discussion for several years. However, there is currently insufficient evidence on its use in surgical procedures. We will discuss how 3D technology can be utilized to improve the predictability of our outcome when treating complex cases of implant therapy and ridge augmentation.

Dr. David H Mishler Jr | Guiding principles, the key to successful bone augmentation

On every hand, we are presented with novel and trademarked techniques. It is easy to question and lose our mooring to the fundamental principles of bone augmentation. A look back at the principles of osteogenesis will give us proper perspective and application to increase predictability and results of whatever technique we choose.

Boston University

Dr. Abdullah Bamashmous | Amniotic Growth Factors induced bone formation in a mouse ex-vivo model

Multiple growth factors are needed to orchestrate an ideal symphony of signals to promote regeneration. Thus, bone formation potential by human amnion growth factors under ex-vivo calvaria bone organ culture condition will be discussed.

Dr. Jerry Chiu | Case Report: Hereditary Gingival Fibromatosis coinciding with severe periodontitis

A young African American female with possible hereditary gingival fibromatosis coinciding with severe periodontitis is being managed in the BU dental clinic by the Periodontology and Prosthodontics departments. With limited evidence-based guidelines from literature regarding the condition, every step of treatment was a learning experience.

Dr. Trevor Fujinaka | Current Advances in Piezocision for Surgically Facilitated Orthodontics

The progression of corticotomy accelerated tooth movement from early techniques towards minimally invasive procedures with improved accuracy will be discussed. The development and incorporation of recent imaging and CAD/CAM technology to Piezocision allows for improved accuracy and facilitated interdisciplinary care.

Dr. Chung-Han Yui | Evolution of Root Coverage Procedures: the Tunneling Technique

Tunneling technique is a concept to perform minimally invasive approach, not even just a technique. This can only be accomplished through proper diagnosis, utilizing adequate instrumentation and magnification, but most importantly understanding the biology of healing and utilizing it to our advantage.