2024 Harvard
Master Clinician Series

HARVARD
School of Dental Medicine
Division of Periodontology

Advanced Continuing Education Program in Implant Dentistry

2024

Taipei

April 11th ~ 12th

Contact:
Dr. David M. Kim
dkim@hsdm.harvard.edu

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School of Dental Medicine
Division of Periodontology

Day 1 in Taiwan

	04/11 (Thursday): All-on-X
09:00-10:15 am	**All You Wanted to Know about "X" Number of Implants. Part I** Dr. Emilio Arguello & Dr. Chia-Yu Chen
10:15-10:45 am	Q/A and Break
10:45-12:00 pm	**All You Wanted to Know about "X" Number of Implants. Part II** Dr. Emilio Arguello & Dr. Chia-Yu Chen
12:00-13:00 pm	Q/A and Lunch
13:00-17:00 pm	**Hands-on Workshop: All-on-X** Dr. Emilio Arguello, Dr. Chia-Yu Chen, David M. Kim, and Dr. Jerry Lin

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Day 2 in Taiwan

	04/12 (Friday): Horizonal + Vertical Bone Builder
09:00-10:15 am	**Building Bone with the Growth-Factor Mediated Therapy** Dr. David Kim
10:15-10:45 am	Q/A and Break
10:45-12:00 pm	**Vertical Ridge Augmentation in the Esthetic Zone** Dr. Jerry Lin
12:00-13:00 pm	Q/A and Lunch
13:00-17:00 pm	**Hands-on Workshop: Bone Augmentation** Dr. Emilio Arguello, Dr. Chia-Yu Chen, David M. Kim, and Dr. Jerry Lin

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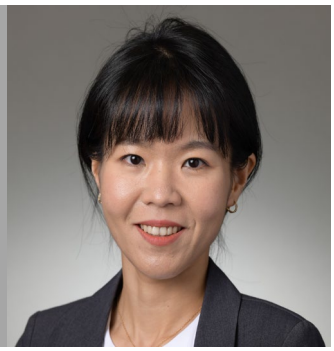
Dr. Emilio Arguello

Lecturer, Part-Time
Harvard School of Dental Medicine



Dr. Chia-Yu Chen

Director, Predoctoral Periodontics
Harvard School of Dental Medicine

Dr. David Kim

Associate Professor
Harvard School of Dental Medicine

Dr. Jerry Lin

Lecturer, Part-Time
Harvard School of Dental Medicine

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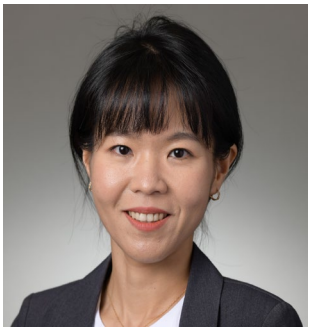

All-on-X?

Drs. Emilio Arguello and Jennifer Chen

Course Content:

The "All-on-X" treatment concept maximizes the use of available bone in atrophic jaws, allowing immediate function. For this presentation, a comprehensive approach of the surgical and prosthetic considerations for immediate loading of "All-on-X" systems with a step-by-step approach utilizing industry-standard immediate loading protocols, case management from patient interview to case closure, from surgical phase to prosthetic rehabilitation and post-delivery long-term care will be presented. A step-by-step video presentation together with a hands-on exercise for surgery and immediate prosthetic rehabilitation will be given.

Educational Objectives:

- Master patient interview techniques, treatment planning, and work-up procedures for patients in the need of a fixed hybrid full-arch prosthesis.
- Comprehend surgical and prosthetic considerations and procedures including implant and abutment selections and implant site preparation protocols for the successful "All-on-X" treatment.
- Become proficient in chair-side denture conversion and delivery of an immediate load temporary restoration through hands-on practice.
- Understand the final steps to fabricate the final prosthesis as well as maintenance protocols for patients with a fixed hybrid prosthesis

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Building Bone with the Growth-Factor Mediated Therapy

Dr. David Kim

Course Content:

Hard and soft tissue augmentation procedures around teeth and implants allow clinicians to offer both esthetic and predictable treatment outcomes for demanding patients. Time-tested surgical procedures that have been utilized in periodontal surgical procedures can also be applied to dental implant surgical procedures. This presentation will allow participants to be familiar with gold-standard and other alternative techniques and biomaterials to achieve desired outcomes.

Educational Objectives:

- To be familiar with common hard and soft tissue augmentation procedures in dentistry.
- To understand the potential limitations of these procedures and the role of growth factors for difficult cases.

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Vertical Ridge Augmentation in the Esthetic Zone

Dr. Jerry Lin

Course Content:

It has long been a challenge for dental clinicians to predictably augment the alveolar ridge vertically in the esthetic zone. Various techniques have been developed to overcome this obstacle. This lecture will begin with the tissue engineering standpoints as well as biological considerations and further lead to the decision-making for utilizing proper surgical techniques for achieving vertical ridge augmentation in the esthetic zone. Other than the conventional protocols, the timing factor proposed in this presentation will facilitate vertical ridge augmentation in a relatively predictable way. Certain surgical interventions and techniques used to optimize the treatment outcomes will be addressed. This lecture will present various clinical cases and situations in which vertical ridge augmentations can be accomplished esthetically. The goals of this lecture are to deliver a solid biologic basis and to provide clinical guidelines by which vertical ridge augmentation can be predictably achieved.

Educational Objectives:

- To identified different types of wound defects.
- To learn different techniques for obtaining vertical ridge augmentation.
- To make clinical decisions for treating vertical ridge defects.
- To achieve vertical ridge augmentation and obtain esthetic outcomes.