



HARVARD
School of Dental Medicine
Division of Periodontology

2024

Advanced Continuing Education Program in Implant Dentistry

Date: April 22-23, 2024

**Venue: CAPP Training Institute
Dubai, UAE**

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WHAT TO EXPECT



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Day One: Mastering All-on-X

08:00 AM – 08:50 AM	Registration & Breakfast
08:50 AM – 09:00 AM	Welcome Introduction <i>Dr. David M Kim</i>
09:00 AM – 10:30 AM	Full-Mouth Rehabilitation in Implant Dentistry <i>Dr. Jerry Lin (Periodontist)</i>
10:30 AM – 10:45 AM	Q/A & Break
10:45 AM – 12:15 PM	All-on-X: Step-by-Step Restoration <i>Dr. Sang Lee (Prosthodontist)</i>
12:15 PM – 13:00 PM	Lunch
13:00 PM – 17:00 PM	Hands-on Workshop: All-on-X

Day Two: Top Secrets in Horizontal and Vertical Bone Augmentations

08:00 AM – 09:00 AM	Breakfast
09:00 AM – 10:30 AM	Guided Bone Regeneration: Your Guide to Safe and Predictable Results <i>Dr. David Kim (Periodontist)</i>
10:30 AM – 10:40 AM	Q/A & Break
10:45 AM – 12:15 PM	New Perspectives in Crestal Sinus Augmentation <i>Dr. Jerry Lin (Periodontist)</i>
12:15 PM – 13:00 PM	Lunch
13:00 PM – 17:00 PM	Hands-on Workshop: Maxillary Sinus Augmentation



Dr. Jerry Lin

Part-time Lecturer

Harvard School of Dental Medicine



Full-Mouth Rehabilitation in Implant Dentistry

Course Content:

It has been a challenge for a clinician to manage the full mouth reconstruction, which requires both in-depth knowledge and comprehensive clinical training in multiple disciplines. This presentation approaches the full-mouth implant reconstruction from both surgical and restorative points of view. Clinical guidelines and procedures will be presented in detail from initial exam toward the end results with emphases on the decision-making and treatment planning. Various surgical interventions and techniques used to optimize the clinical situations and difficulties to achieve these outcomes will be introduced. Clinical confrontations and obstacles in full-mouth reconstruction will be managed based on biology and evidence-based dentistry. At the end of this presentation, cases requiring full-mouth reconstruction will be reviewed and discussed starting from data collection, initial exam, treatment planning, clinical procedures to the final restorations. The goal of this lecture is to provide clinical guidelines by which full-mouth implant rehabilitation can be predictably achieved.

Educational Objectives:

- To make optimal decisions and treatment plans for the full-mouth rehabilitation.
- To learn the clinical sequence and workflow for full-mouth rehabilitation.
- To learn different techniques for treating full-mouth cases.



Dr. Sang Lee

Associate Professor

Harvard School of Dental Medicine



All-on-X: Step-by-Step Restoration

Course Content:

One of the significant clinical challenges in fixed implant rehabilitation of the edentulous patient is the successful surgical implant placement by the planned prosthesis. The use of computed tomography (CT) scans coupled with computer-assisted treatment planning allows precise implant placement according to the plan and minimizes surgical complications and interventions. This presentation will address the diagnostic analysis, the decision-making process, treatment planning, and restorative steps of full-mouth implant rehabilitation. It will also discuss the workflow of computer-guided surgery and the immediate loading of the provisional and the indications through clinical cases.

Educational Objectives:

- Understand the diagnostic analysis and surgical and prosthodontic planning and treatment process.
- Understand the different prosthetic designs and the use of dental materials in full-mouth implant rehabilitation.
- Recognize different approaches to implant surgery depending on clinical situations.
- Identify common biological and mechanical complications of full-mouth implant rehabilitation and maintenance.



Dr. David M, Kim

Associate Professor
Harvard School of Dental Medicine



Guided Bone Regeneration: Your Guide to Safe and Predictable Results

Course Content:

A successful guided bone regeneration (GBR) requires several underlying factors (ex. patient assessment, proper treatment planning, selection of biomaterials, optimal surgical techniques, and post-operative care) to be met for achieving effective and predictable results. This presentation will allow both time-tested and innovative biomaterials and techniques to achieve these goals.

Educational Objectives:

- To understand the important of patient assessment (age, gender, medical history, dental health, and type of bone defect) prior to initiation of the GBR.
- To choose the appropriate graft materials and barrier membranes to achieve desired outcome.
- To discuss different surgical techniques for optimization.
- To discuss about complications such as infection, graft failure and membrane exposure.



Dr. Jerry Lin

Part-time Lecturer

Harvard School of Dental Medicine



New Perspectives in Crestal Sinus Augmentation

Course Content:

The sinus elevation procedure has been designed to allow implants to be placed in areas with pneumatized sinuses. Crestal sinus elevation has become safe and predictable due to innovation in techniques, devices, and instruments that have been devised over the years. This presentation will first review the crestal sinus elevation techniques and devices, aimed at proposing certain modifications, new protocols, and clinical approaches based on evidence and clinical results. With the aid of proper instruments, devices, and techniques, maximal crestal sinus elevation will be achieved. New protocols for managing sinus septa and slopes, as well as the technique to repair Schneiderian membrane perforation upon crestal approach, will also be demonstrated.

Educational Objectives:

- To understand the indications and contraindications for sinus elevation from different approaches.
- To learn different techniques for crestal sinus elevation.
- To make clinical decisions for adopting and choosing different techniques.
- To be familiar with the membrane-repairing technique.