

# Embracing The Digital Era: Advanced Digital Solutions for Surgical, Prosthetic, and Esthetic Excellence

## May 3-4, 2025

| Free with Gold membership |   | 16 CE Units              |  |
|---------------------------|---|--------------------------|--|
| May 3-4, 2025             | Embracing the Digital Era: Advanced Digital Solutions for Surgical, Prosthetic, and Esthetic Excellence | Selene Kuo<br>Homa Zadeh | \$1495 (before Feb 1)<br>\$1695 (before Mar 1)<br>\$1895 (after April 1) |



Homa H. Zadeh



Selene Kuo



Kia Karimi

### Course Description

Digital dentistry has transformed every aspect of dental practice, with innovations continually emerging to enhance clinical outcomes. Technologies such as AI, 3D imaging, intra-oral scanning, photogrammetry, 3D printing, dynamic navigation, lasers, design software, ceramics, biologics, virtual/augmented reality and nanotechnology are transforming contemporary dental care. This immersive two-day educational event is designed to elevate your practice with state-of-the-art digital tools. The course encompasses a broad range of applications, including esthetic smile design, single-to-full-arch implant planning and surgery, restoration design and fabrication, and clear aligner orthodontic therapy. Participants will gain insights into the latest advancements in digital smile design, AI tools, implant planning software, 3D printing, and milling technologies, empowering them to achieve greater precision, efficiency, and patient satisfaction in their practice.

### Educational Objectives:

1. Gain proficiency in digital planning software for esthetic smile design, precise implant positioning, and customized restoration design for comprehensive treatment planning and treatment execution.
2. Explore advanced methods for acquiring 3D patient data, including intraoral scanning, CBCT, photogrammetry, as well as various scan bodies for implant or abutment scanning and learn to integrate soft tissue, bone, and implant data for optimal treatment outcomes.
3. Apply cutting-edge technologies to produce in-house or outsourced single-to-full-arch provisional or definitive restorations, abutments, surgical guides, and other dental prostheses.
4. Implement advanced digital workflows to enhance accuracy, clinical outcomes, and efficiency across surgical, prosthetic, and orthodontic treatments.

**Dr. Selene(Hsin Yu) Kuo** received her dual degrees in prosthodontics from Kaohsiung Medical University College of Dentistry (Taiwan) and Columbia University College of Dental Medicine (New York, USA). She then continued her academic appointment as clinical assistant professor in New York University College of Dentistry, Columbia University College of Dental Medicine, and Taipei Medical University College of Dentistry. With her profound prosthodontic-implant knowledge and clinical experience, her vision in digital implant dentistry drives her developed the innovative digital workflow "NaviSmile" featuring full mouth implant rehabilitation. "NaviSmile" workflow which incorporates the "Era-breaking" dental navigation machine along with dental CAD/CAM equipments and softwares which precisely brings back patients' health and smile. Dr. Kuo devotes herself in academia published numerous publications related to digital dentistry and has been lectured nationally/internationally. She also runs her private practice in Taipei City focusing in digital prosthodontics and dental implants.

# Immediate Tooth Replacement: Transitions from Teeth to Implants - Biological, Surgical and Prosthetic Considerations - July 12-13, 2025



Shayan Bartootechi



Alfonso Gil



Lorenzo Tavelli



Homa H. Zadeh

| Tuition:                    | 16 CE Units               |
|-----------------------------|---------------------------|
| In-person Lecture/workshop: |                           |
|                             | \$1495 (before April 1)   |
|                             | \$1695 (before May 1)     |
|                             | \$1895 (after June 1)     |
|                             | Free with Gold membership |
| Remote Lecture:             |                           |
|                             | \$695 (before April 1)    |
|                             | \$795 (before May 1)      |
|                             | \$895 (after June 1)      |
|                             | Free with Gold Membership |

Tooth extraction is one of the most common procedures in dentistry, often leading to alveolar bone atrophy if not managed properly. This course focuses on evidence-based decision-making in transitioning from natural teeth to implants, considering patient characteristics, time constraints, and digital tools to enhance treatment predictability.

Clinicians will explore the nuances of immediate vs. delayed implant placement, proper implant positioning, and soft tissue augmentation. The integration of digital tools, such as 3D imaging, guided surgery, and chair-side 3D printing/milling, will be emphasized for a streamlined workflow.

### Key Topics:

- Risk assessment in tooth extraction and implant placement
- Immediate implant placement in extraction sockets (anterior vs. molars)
- Alveolar ridge preservation protocols for delayed placement
- Managing mucosal and bone deficiencies
- Leveraging digital tools for efficient clinical workflows

This course equips clinicians with practical insights and protocols for achieving predictable, successful implant outcomes.