The Digital Revolution: Predictable Clinical Implementation to Achieve High Esthetic Results

Regional Program

Program Description:

This lecture will provide an in-depth look at how digital dentistry is transforming clinical practice and enabling highly predictable esthetic outcomes. Participants will explore the integration of state-of-the-art digital tools across all phases of treatment planning and execution—from diagnostics and facially driven mock-ups to long-term provisional and definitive restorations. The session will highlight the latest updates on restorative materials, CAD/CAM workflows, and evidence-based clinical techniques that optimize treatment time, enhance precision, and improve patient satisfaction. Special attention will be given to achieving harmony between restorative design, soft tissue response, and long-term function, ensuring that clinicians leave with practical strategies they can implement immediately in their daily practice.

Program Objectives:

At the completion of the program, participants should be able to:

- Understand how digital tools can optimize treatment time and improve predictability in achieving high esthetic outcomes.
- Identify updated protocols for fabricating and polishing provisional and definitive restorations to enhance soft tissue health and esthetics.
- Apply evidence-based guidelines for tooth preparation, bonding, and delivery of full-ceramic restorations.
- Differentiate between workflows for screw-retained and cement-retained implant restorations and select the most appropriate approach for each clinical scenario.

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Dr. Conejo is the Clinical CAD/CAM Director at the Department of Preventive and Restorative Sciences, University of Pennsylvania School of Dental Medicine, Philadelphia PA, USA. He obtained his dental degree from the Universidad Latina, Costa Rica and then completed training as a prosthodontist at Universidad Intercontinental, Mexico. He conducts research and has multiple publications in peer-reviewed scientific journals on CAD/CAM technology, prosthodontics, and implant dentistry. Dr. Conejo has been the recipient of several awards in his field, to include the ICP Research Fellowship in Dental Restorative Materials in 2016 and has lectured in more than 35 countries with emphasis on digital workflows for esthetic tooth and implant-supported restorations.

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