

با همکاری انجمن زیست مواد دندانی

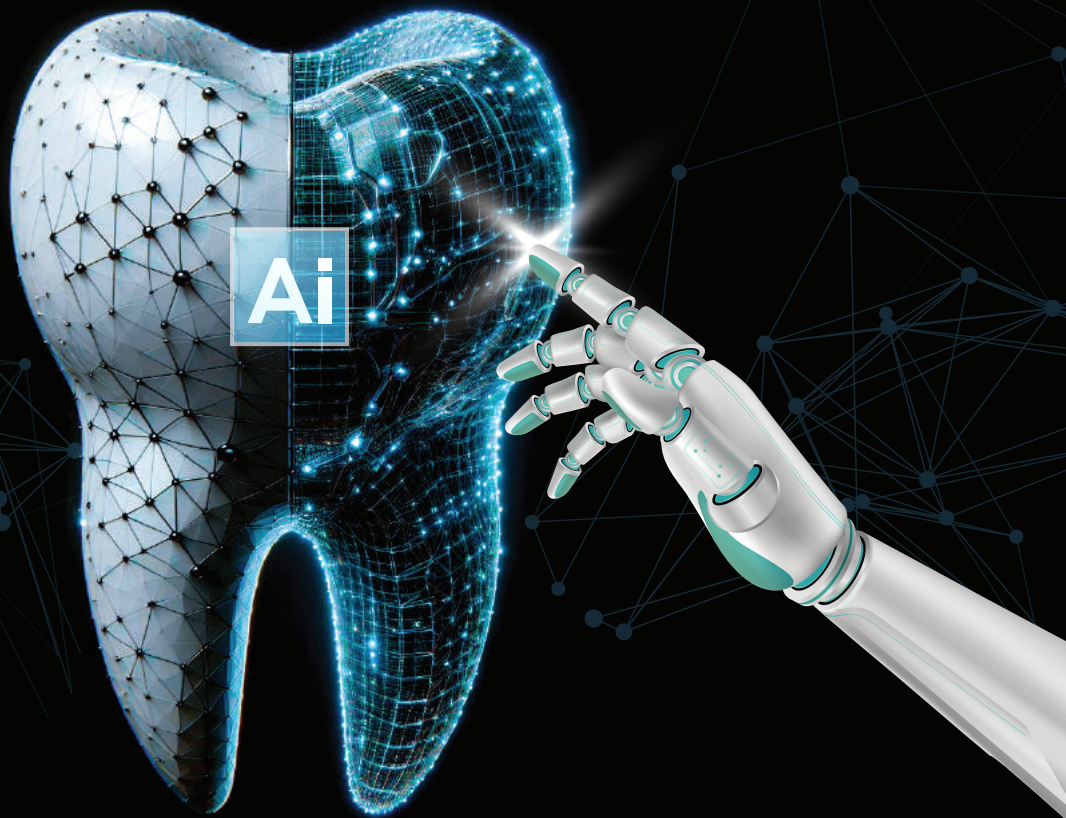


سمینار دوازده

تهران ۴-۵
مرداد ۱۴۰۳
هتل المپیک



NEW DENTAL MATERIALS AND **Ai** TECHNOLOGY IN CHAIRSIDE DIGITAL DENTISTRY



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Mr. Junsik Yoon
(CDT)



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Time	Lecturer	Subject
08:30 – 09:00		Registration
09:00 – 10:30		A: Digital Dentistry (Didactic) • The evolution of Digital Dentistry. • Digital Dentistry vs. AI Dentistry. • The importance of Same-Day Dentistry. • Introduction of Digital Workflow. • Terminology of Digital Dentistry. B: Computer-Aided Imaging (CAI) (Didactic) • Desktop Scanner vs. Intraoral Scanner. • Intraoral Scanner Review. • How to choose an intraoral scanner. • Intraoral Scan Strategy. C: Computer-Aided Imaging (CAI) (Demonstration) • Scanning strategy. • Factors Affecting the Accuracy of IOSs.
10:30 – 11:00		Coffee break
11:00 – 12:30		A: (Didactic / Live Patient) • Clinical Considerations for Tooth Preparation in Digital Dentistry. • Clinical Considerations for Soft Tissues around Teeth in Digital Dentistry. • Scanning of Prepared Tooth & Preparing the Final File.
12:30 – 14:00		Lunch break
14:00 – 15:30		A: Computer-Aided Design (CAD) (Didactic) • CAD Software. • Overview of traditional CAD software applications. • Digital CAD Software (ExoCad). • Introduction to ExoCad for digital design. • AI CAD (Dentbird): • Understanding AI-driven CAD design with Dentbird. B: Principles of Designing in ExoCad • Learn the essential principles of designing using ExoCad. • Master the tools and workflows for optimal digital design. C: Principles of Designing in Dentbird • Grasp the fundamental principles of designing using Dentbird AI CAD software. • Explore advanced techniques through comprehensive online lectures.
15:30 – 16:00		Coffee break



Time	Lecturer	Subject
16:00 – 17:30		A: Computer-Aided Manufacturing (CAM) (Didactic) • Introduction to CAM Technology: • Gain an understanding of CAM and its applications in dentistry. - Additive Technology: • Explore the role of additive technology in manufacturing. - Introduction to Types of 3D Printers: • Learn about various types of 3D printers used in dental restoration. -Technologies in Vat Printers: • Discover the technologies involved in vat printing. - Dental Materials in Vat Printers: • Overview of dental materials suitable for vat printers. - The Importance of Post Curing: • Understand the significance of post-curing for dental materials. - Principles of Cementation in New 3D-Printed Dental Materials: • Learn how to properly cement new 3D-printed dental materials. B: Demonstration: - Printing the Restoration of a LIVE Patient: • Watch a live demonstration of a restoration being printed. - Try-in and Delivery of the Printed Restoration: • Learn how to try in and deliver the final printed restoration.
17:30 – 18:00		Q & A

Time	Lecturer	Subject
09:00 - 10:30		A: Computer-Aided Manufacturing (Didactic) • Subtractive Technology. • Types of Milling Machines. • Dental Materials selection in Subtractive Technology.
10:30 - 11:00		Coffee break
11:00 - 12:30		• Introduction of HASS Lithium Disilicate. • Post Processing of HASS. • How to work by Chairside milling machine, Staining & Glaze and Polishing of HASS materials.
12:30 - 13:30		Snack Break
13:30 - 15:00		A: Demonstration • How to prepare manufactured material for delivery: Christallization phase , Polishing, Glaze and Preparation for cementation. (HASS material) B: (LIVE Patient) • Try-in of restoration. • Processing Sequence Preparation before cementation for HASS Materials. • Cementation of final restoration.
15:00 - 15:30		Coffee break
17:30 - 19:00		Discussion Panel / Q & A / Certificate Award and Closing Ceremony.

برای کسب اطلاعات بیشتر با ما تماس بگیرید

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ایران، تهران، کوی نصر، خیابان علیایی غربی پلاک ۸۳

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