



DENTISTRY UPDATE



# DU3: Plan, Scan & Print: Everyday Digital Dentistry

● Friday, **March 29, 2024**  
🕒 **5:00 pm to 9:00 pm**

Presented by

● **Prof. Ziad Salameh**

BDS, DESP, MSc, PhD



Presented by

● **Eng. Patrick Ziadeh**



## Focus on:



**AquaCare**  
Dental Air Abrasion & Polishing Unit



**DENTRAMEC**



**AlliedStar**

**Total Core General Trading**

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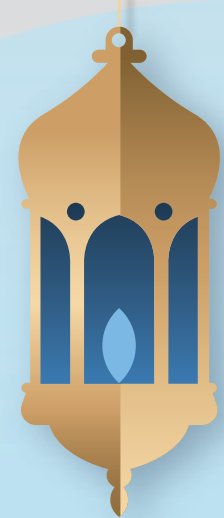
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SCAN ME!



DENTISTRY UPDATE



**MARKETING KEYWORDS:**

- Scan & Print in 10 minutes
- Same Day Dentistry: From scanning to Printing final restoration
- Scan, Design and Print: Fast and Precise workflow
- 3D Printing in Daily Clinical Practice: Enhance your Productivity
- Different applications of 3D Printing in Dentistry

**LEARNING OBJECTIVES:**

- 1- Adapt and apply digital dentistry into everyday practice.
- 2- How to use digital impression effectively in different clinical situations
- 3- Understand the indications and limitations of intraoral scanning
- 4- Learn the workflow for designing different type of restoration and splint
- 5- Learn about the chairside application of 3D printing: equipment and materials
- 6- How to use Aquacare in different clinical applications
- 7- handle, polish and cement printed restorations

**COURSE PROGRAM:**



Prof. Ziad Salameh

**17:00 - 17:45**

Digital dentistry overview, tooth preparation principles for CAD/CAM restorations, intraoral scanning principles, soft tissue management, Aquacare applications, different type of scanners, digital smile design principles and software, AI based CAD software



Prof. Ziad Salameh



Eng. Patrick Ziadeh

**17:45 - 18:30**

Introduction to 3D printing, different type and selection criteria of 3D printers, CAD software, printing workflow in daily clinical practice, different type of 3D printing materials, cleaning and post curing procedure, sandblasting with Aquacare and cementation procedure

**18:30 - 19:30**

**IFTAR**



Prof. Ziad Salameh



Eng. Patrick Ziadeh

**19:30 - 21:00**

**Hands on:**

- Scanning of different type of preparation (scanning strategy, tips and tricks)
- Chairside AI based design of crown
- Printing and post curing of different type of restorations, mock up and splint: staining and glazing

**Targeted Companies:**

A- Scanner: AlliedStar

B- 3D printers: DENTRTEC

C- AI solutions: Dentbird Imageworks®

D- Printable materials