

INTENSIVE 2-DAY HANDS-ON WORKSHOP

DIGITAL COMPLETE DENTURES

From Scan to Smile: A Complete Digital Workflow

**14 CME
Credits**

Program Outline

DUAL CERTIFICATION - CPDSO (UK) + DHA
01 Welcome, registration & laptop setup

02 **Lecture:** Modern digital complete denture workflow

03 **Live demo:** Model scanning protocol

04 **Hands-on:** Delegate model scanning

05 **Masterclass demo:** Denture design in Exocad

06 **Hands-on:** Delegate CAD design & 3D print setup

07 **Interactive session:** Diagnostic troubleshooting

08 Post-processing & Certification

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MDS, PhD (Prosthodontics and Implantology)

VENUE

City University Ajman
OCT 31 & NOV 1, 2026
AED-1,399 AED1,799
EARLY BIRD OFFER
VALID TILL OCT 10, 2026
[**REGISTER HERE**](#)

Who This Is For

- ✓ General dentists
- ✓ Prosthodontists
- ✓ BDS students
- ✓ Interns
- ✓ Masters' students

What You'll Learn

- ✓ Full digital denture workflow-scanning, CAD design, and 3D print setup
- ✓ Hands-on scanning and printing protocols on standardized models
- ✓ Guided design, diagnostic troubleshooting, and print-error correction
- ✓ Post-processing and finishing to laboratory-acceptable standard



About The Program

An intensive 2-day, hands-on workshop that takes clinicians through the complete digital denture workflow from arch scanning through CAD design, 3D printing, and final post-processing. Participants work on standardized models across every stage, moving from lecture and live demonstration into fully guided, hands-on execution of their own digital case.

Day 1 - Agenda

09:00 AM - 09:30 PM

09:30 AM - 10:45 AM

10:45 AM - 11:15 PM

11:15 AM - 12:15 PM

12:15 PM - 13:30 PM

13:30 PM - 14:30 PM

14:30 PM - 16:00 PM

16:00 PM - 16:15 PM

Day 2- Agenda

09:00 AM - 09:30 PM

09:30 AM - 11:30 AM

11:35 AM - 12:15 PM

12:15 PM - 13:15 PM

13:15 PM - 14:15 PM

14:15 PM - 15:15 PM

15:15 PM - 16:00 PM

Candidate Registration & Laptop Setup

Lecture: The Modern Digital Complete Denture Workflow

- Scientific rationale, case selection criteria & analog vs. digital accuracy
- Border moulding alternatives & intraoral scanning strategies for edentulous arches
- Understanding post-processing mechanics, material longevity & clinical limitations

Morning Refreshment Break

Demonstration: Arch Scanning & Occlusal Bite Protocol

- Live demo on duplicated master models using optical scanners
- Scanning spray application, artifact reduction & stitching alignment

Hands-On Session 1: Candidate Model & Rim Scanning

- Participants scan standardized edentulous models and bite rims
- Verification of STL mesh integrity, margin clarity, and occlusion alignment

Lunch Break

Comprehensive Masterclass Demo: Full Denture Design in Exocad

- Importing STLs, defining model analysis landmarks, establishing occlusal planes
- Arch setup, tooth selection, library positioning & gingival architecture creation

Day 1 Q&A & Wrap-Up

Morning Refreshment & System Boot-Up

Hands-On Session 2: Guided Candidate CAD Design in Exocad (tea break included)

- Candidate pods execute full digital design on their scanned datasets using university laptops
- Step-by-step guidance, parameter validation & export of production-ready STLs

Demonstration: Nesting & 3D Printer Setup (Dentsply Sirona)

- Preparing print queues, orientation angles, support structure placement & try-in resin loading
- Initiating the batch print run of candidate-designed trial bases

Interactive Clinic: "The CAD & CAM Diagnostic Challenge"

- Real-time evaluation and troubleshooting of flawed design files, improper print orientations & common clinical mistakes while the printer runs

Lunch Break

Hands-On Session 3: Post-Processing, Curing & Rotary Finishing

- Removal of printed trial bases, IPA cleaning cycles & UV post-curing protocols
- Support removal, contouring & rotary finishing using lab motor units and acrylic trimmers

Assessment, Certification & Official Closing

- Evaluation of printed trial bases
- Distribution of certificates and closing group photograph



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