

GOING GUIDED: DIGITAL DENTISTRY



SINGLE & MULTI-UNIT CASES

Morning Session

Session Overview

This session introduces attendees to the benefits of guided surgery and the digital workflow for single and multi-unit implant cases. Participants will gain foundational knowledge of digital tools, hands-on experience with intraoral scanning and planning software, and practical skills for integrating guided surgery into everyday practice.

Duration: 3 hours

Format: Interactive lecture, hands-on exercises, and group discussion

First Hour – Why Go Digital & Road Map to Success



Module 1: Benefits of Going Guided / Digital

Understand how digital workflows differentiate your practice

Key outcomes:

- Surgical precision & prosthetic predictability
- Increased referral satisfaction
- Enhanced patient perception and experience



Module 2: Digital Road Map to Success

Assess your practice's current digital stage using the digital tech success Road Map / "Candy Land" digital workflows: single unit, multi unit, full arch restorations

Provides a visual, easy-reference framework for the digital journey



Module 3: Equipment

Intra-Oral Scanners (IOS) – STL definition, usage basics

CBCT Imaging – DICOM definition, requirements

Digital Planning Software – overview of key functionality

X-Nav – brief introduction, indications, contraindications, limitations of static vs dynamic guided surgery

3D Printer – overview of guide fabrication process



Break: 15 minutes

Second Hour – Digital Record Acquisition & Planning



Module 4: Record Acquisition

Techniques for high-quality intraoral scans and CBCT capture

Examples of diagnostic-quality records for guided surgery



Module 5: Digital Record Transfer & Management

Overview of **My Patient Exchange** for secure record transfer and collaboration between your team and the implant partners: Restorative Clinician/Reps/Labs

Best practices for maintaining digital data integrity



Module 6: Digital Implant Planning (See It)

Full digital implant workflow: **scan** → **plan** → **guide**

Loading and meshing records into planning software

Operational skills for prosthetically driven planning:

- Prosthetic placement and angulation
- Implant selection and positioning
- Surgical guide design – best practices, do's & don'ts



Break: 15 minutes

Third Hour – Hands-On: IOS, Planning, & 3D Printing



Module 7: Hands-On IOS Training & Printing (Do It)

Intraoral scanning practice on models or participants

Loading scans into digital planning software

Bring YOUR patient intraoral and CT scans to develop a real-time treatment plan and LEAVE with your surgical GUIDE (single-unit case)

Prosthetic-driven implant placement, selection, and surgical guide design

SprintRay Guide Printing Protocol:

- Importing guides into printing software
- Guide positioning and print setup
- Printing and post-processing

Quality control criteria before surgery (fit check, drill guides, instruments, backup plans)

One Surgical Solution Advantage & Understanding

- Introduction to **One Surgical Solution** concept
- Strategies to differentiate your practice using guided surgery



***Ask about 45-day Quick Start Implementation Success Program**



Module 8: Practice Integration & Workflow

Incorporating guided surgery into daily schedules

Timing for DICOM and intraoral scan collection

Empowering your team with **Practice Metrix** workflows and protocols



***Ask about your own customized Candy Land for your practice**



Learning Outcomes

By the end of the morning session, participants will be able to:

Understand the equipment and resources required for guided surgery

Acquire and align diagnostic-quality IOS and CBCT records

Create complete digital implant treatment plans for single and multi-unit cases

Design surgical guides meeting clinical and manufacturing standards

Export and print surgical guides using a 3D printer

Integrate the digital workflow seamlessly into everyday practice

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