

DIGITAL DENTISTRY DEMYSTIFIED

Two-Day Comprehensive CBCT Hands-On Course

From Fundamentals to Chairside Confidence

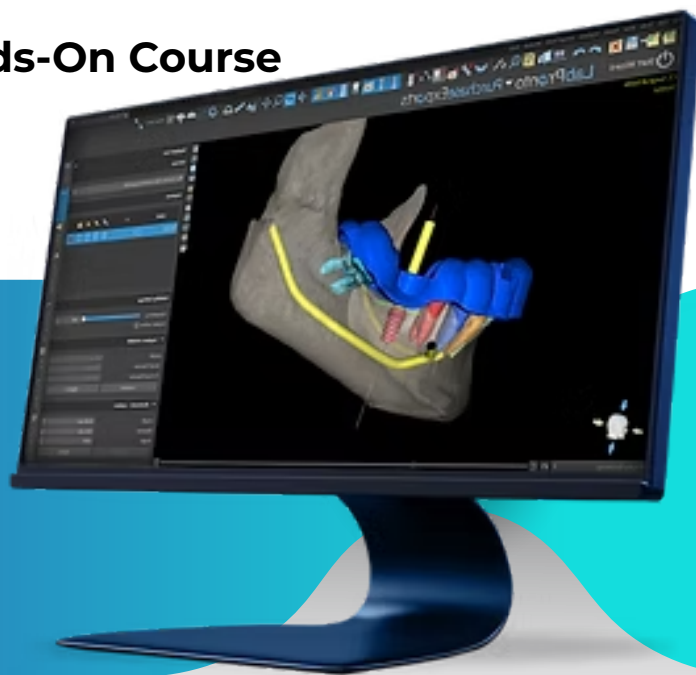


3rd & 4th OCTOBER 2026



Global Surgical Institute

Rudraksh Trident, 42 / 1, 22nd Cross, 3rd Floor,
3rd Block Jayanagar, Bangalore - 560011



Course Duration: **Day 1 : Lecture & Demonstrations**
Day 2 : Hands-On

Course Overview

This two-day comprehensive course takes you from the fundamentals of CBCT to confident chairside application.

Day 1 lays the foundation - core imaging principles, DICOM basics, maxillofacial anatomy, and real clinical case demonstrations across specialties.

Day 2 shifts entirely to hands-on practice on Carestream CBCT software, where you'll trace nerve canals, plan implants, work up endodontic cases, and assess impacted third molars under expert guidance.

Learning Outcomes

By the end of the course, participants will be able to:

- Systematically access and navigate CBCT scans
- Identify key anatomical landmarks with confidence
- Safely plan straightforward implant cases
- Perform basic virtual implant planning
- Diagnose complex endodontic (RCT) cases using CBCT
- Detect missed canals, perforations, and resorptive defects
- Differentiate between common periapical and jaw lesions
- Detect and trace major nerve canals accurately
- Assess precise tooth position and risk in impacted 3rd molars
- Understand the complete digital workflow in oral implantology
- Recognize when a case requires specialist referral



Module 1: Lecture & Demonstrations

- **CBCT Fundamentals:** Principles & concepts of 3D imaging, CT vs CBCT, indications, limitations, radiation safety, 2D vs 3D imaging.
- **CBCT Imageology:** Basics of DICOM, image orientation, concept of multiplanar imaging.
- **Maxillofacial Anatomy:** Visualization of anatomical structures in the craniofacial region, anatomical variations, comparison of structures in orthogonal planes.
- **CBCT Clinical Case Demonstrations:** Department-wise case demonstration of CBCT scans, importance of CBCT in clinical dentistry, stepwise protocol of implant planning.
- **Basics of Digital Dentistry:** Overview of digital impressions and guided implantology, demonstration of designing a tissue-level guide, 3D printing in modern dentistry.

Module 2: Hands-On for CBCT Software

- Hands-on orientation to Carestream CBCT.
- Tracing the inferior alveolar and nasopalatine nerve canals.
- Implant site assessment: bone quality/quantity analysis, nerve and sinus mapping, and virtual implant planning.
- Stepwise endodontic planning: canal location, root canal length, apical pathology, periodontal status, and post-endo assessment.
- Impacted 3rd molar assessment: anatomy, nerve risk, surgical approach planning, and complication avoidance through hands-on case work

Course Highlights

- Theory + Practice — a full day of foundational lectures before hands-on work begins.
- Carestream Software Training — a full day of live, guided practice, from nerve tracing to implant planning.
- Department-Wise Case Demos — real CBCT cases showcased across specialties.
- Guided Hands-On Practice — implant, endodontic, and impaction cases worked through step-by-step with expert mentorship.

Program Faculty



Prof. Dr. Uthkal M P

Head – Oral D Academy
Senior Radiologist, Oral-D
Prof. Farooqia Dental College, Mysore



Dr. Nethravathi P

Digital Dentist & Implantologist
Oral-D



Dr. Beena Precilla GS

Consultant Senior Radiologist
Oral-D

Timing

3rd October 2026 | 1:30pm to 5:30pm

4th October 2026 | 9:30am to 4:30 pm

Program Fees

Day 1 Only: Lecture & Demonstration ₹ 1,499 + GST

Day 2 Only: Hands-On Training ₹ 3,499 + GST

Both Days (Full Course) ₹ 4,499 + GST



SCAN TO REGISTER



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