



Dr. Sampath Kumar
MDS (Prosthodontics)
Diplomate of WCOI
*More than 20 years of
experience in
Oral Implantology*



GRACE DENTAL & IMPLANT ACADEMY

FOUNDATION COURSE IN ORAL IMPLANTOLOGY



Where?
Grace Dental Clinic
(In-house Lecture Hall)
Kolhapur

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**GRACE DENTAL &
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**Trust.
Care.
Excellence.**

**In-house CBCT &
intraoral scanner**

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Dental implantology is one of the most innovative and progressive specialties in the current dental practice. Implant therapy provides an edge in quality treatment outcomes over conventional treatment modalities. Realizing the need for training in implantology, an organized hands-on & clinical training program has been designed in a simplified manner to incorporate implants into day to day practice.

Course Highlights:

- Prosthetically driven surgical procedure
- Interdisciplinary approach:
Prosthodontics
Oral surgery
Periodontics
- Exposure to multiple systems
- Comprehensive teaching program
- Post course guidance when the participants do implant practice

Program Schedule

Module 1

- Introduction to Basic Prosthodontics with special emphasis on Oral Implantology
- History & rationale for dental implants
- Concept of Osseointegration
- Medical and surgical considerations in Implant surgery
- Anatomical considerations in implant dentistry
- Diagnostic imaging and interpretation
- Patient evaluation & treatment planning
- Flap designs & suturing techniques
- Prosthetic options in Implantology
- Implants and implant kit- in & out
- Clinical and radiographic evaluation of the case to be treated and Model analysis
- Laboratory procedures for fabrication of stent
- Patient preparation for Implant surgery
- Step by step surgical procedures
- Record keeping & consent
- Documentation

Demonstration & hands-on:

- Placement of dummy implant
- Suturing on models
- Image interpretations
- Live surgical demonstration of implant placement on patient
- Implant placement on patients by participants

Module 2

- Recap of first module
- Second stage surgery (Different techniques)
- Impression procedures (open tray & closed tray)
- Implant soft tissue interface
- Loading & temporization
- Single missing tooth in esthetic zone
- Overdenture (ball, bar & locators)
- Occlusion & occlusal schemes
- Occlusion in fully bone anchored prosthesis
- Managing non parallel Implants
- Cement versus screw retained prosthesis
- Cementation Procedures
- Prosthetic difficulties & their management
- Post restoration instructions, maintenance & care
- Post restoration complications
- Introduction to Advanced Implantology (bone augmentation procedures, socket preservation techniques, ridge splitting, direct sinus lift, All on 4, Bone ring technique & Tent pole GBR, Role of PRF)
- Soft tissue enhancement around the Implant
 - Papilla creation
 - Improving attached gingiva
 - Achieving emergence profile

LIVE DEMONSTRATION

- Second stage surgery
- Custom healing abutments
- Impression making including digital
- Crown cementation

HANDS-ON

- Impression procedures on dummy models
- Second stage surgery by participants
- Preparation of custom healing abutments
- Impression making on patients including digital and analog method
- Related laboratory procedures
- Crown cementation



Currently we are offering residency dental implant training program. Participants will place 15 implants on patients during the one month program. Training will include Implant placement to prosthetic phase