



VINAYAKA MISSION'S SANKARACHARIYAR DENTAL COLLEGE



A Constituent College of
VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY)

EXECUTIVE DEVELOPMENT PROGRAM

UNIVERSITY IMPLANTOLOGY CERTIFICATE PROGRAM

VISION

Create an outstanding clinical and certification program in implant dentistry

Develop the next generation of premier clinician scholars in implant dentistry

Develop a strong connection with the next generation dentists

COURSE OVERVIEW

The course is designed for Dentists with no or limited implant placement experience who wish to expand their treatment capabilities to include placement of dental implants. The program is designed to present clinical solutions with tapered implants. Tools to market and build an implant practice will be provided.

PURPOSE

By the end of this training program, the participants would have the basic skills needed to plan a treatment and complete their surgical and/or prosthetic implant cases.

The participants would have the understanding and ability to successfully integrate implant surgery into their practices.

OBJECTIVE

The main objective of this implant programme is to develop the necessary skills for the students and the General Practitioners in utilisation of dental implants to restore the functional and esthetic requirements of their patients. Upon successful completion of this program, all the participants will have a thorough didactic understanding and clinical competence in the diagnosis, surgical placement of endosseous dental implants and restoration of dental implants.

OUTCOMES

1. To understand the basic normal anatomy and the vital structure Related to the implant site
2. To make them understand the Basic components of dental implants
2. To diagnose and select the ideal cases for placing dental implants .
3. To interpret radiographic and CBCT readings for better placement of dental implants
4. To make them aware the different implant system available in the market and its merit and demerits
5. To successfully fabricate the surgical stents for placing dental implants.
6. To identify the clinical indications for using different dental implant systems.
7. To make them aware of the importance of prosthetically driven implants
8. To train them to properly record the patients data pre operatively and post operatively
9. To take them understand the importance of clinical photography and train them to take better photographs

10. To train all the participants in preparing the patients for the surgical procedure
- 11.. To train all the participants to place a precise incision and proper flap reflection which plays a vital role in implant success
12. To make them aware of different surgical instruments available for a better implant surgery
13. To successfully give local anesthesia in the oral cavity Which place a vital role in excellent patient management
14. To confidently place the dental implants under the guidance of an experienced mentor.
15. To make them aware of the advanced implant placement by giving them live surgical demonstration
16. To make them understand the importance of placing bone grafts and membranes and guiding them to do some regenerative procedures on their own
17. To train them to successfully make better impressions for a good crown placement
18. To train them to make a provisional crowns which plays a important role in patient management
19. To make them understand all the prosthetic components and the lab work involved in crown making
20. To make them understand the importance of choosing between a cement retained and screw retained crowns

21. To train them in placing the prosthetic crown on their own which is an essential part of implant placement
22. To prepare all the participants to train them theoretically also by providing necessary study materials.
23. To prepare a back up system for all the participants to guide them even after finishing the implant programme
24. All the participants will get 54 DCI credit points in addition to the university Certification

KEY HIGHLIGHTS OF THE COMPREHENSIVE COURSE

4-Module Comprehensive training program with standard curriculum

More emphasis on preparing the students/participants for reality in clinical situations eg. More hands-on and live patient cases

Evaluation of cases before and after each module to assess uptake

Incorporating clinical documentation an integral part of the program

Incorporating Prosthetic driven planning from the very first cases which the participants would plan and execute.

Case reports and documentation along with all module completion (online & classroom) as criteria for certification.

Guided Surgery & Treatment Planning Software overview

PROGRAM: OVERVIEW

Level

LEVEL	BASIC	HOURS
Modules / Days	4 modules of 3 days each	96 hours
Curriculum	basics of Implantology, the i.e, diagnosis / treatment planning / case selection	
Certification	1 Certificate from respective university and Nobel Biocare	
Participation	Interns / Post graduates / Staff Minimum of 20 participants	

ADVANTAGES FOR THE STUDENTS

Assessment: Participants would be assessed for guided for their cases by the mentors as well as in house course faculty. They will get support and guidance on practice management though the theory sessions

Technique videos: This combined with hands-on supervised surgery (by faculty) on patients to produce the ultimate learning experience! Return to these time and time again to see what is involved in a particular procedure.

Supervised surgery/restorative: Whatever your level of confidence, competence and expertise, you will be closely supervised and guided at every stage during surgery and restoration.

Feedback: An essential component of any learning experience. This will be provided for the cases which participants undertake and to ensure that they finish minimum three cases from Prosthetic point of view.

Advanced Qualification Opportunity: The curriculum is geared towards preparing you to appear for a Diploma/ Certifications.

ADVANTAGES FOR THE FACULTY

Course content & assessments: Enables you to ensure participants/students are prepared with the learning topics assigned or each module.

Tracking learning progress: Track progress each of the students/participants with case reports to ensure complete engagement in the program.

Tracking patient cases: Track and assess each patient case as the portal allows the student/participant to enter details at the completion of each step, thus aiding evaluations and certification.

Advanced Qualification Opportunity: The curriculum is geared towards preparing you to appear for a advanced diplomas/ fellowships.

MODULE 1	MODULE 2	MODULE 3	MODULE 4
8 hours X 3 days = 24 Hours	8 hours X 3 days = 24 Hours	8 hours X 3 days = 24 Hours	8 hours X 3 days = 24 Hours
Lectures	Lectures	Lectures	Discussions with co ordinators
Hands on	Prosthetic planning	Final restoration by the participant	Try ins
Live Surgery Demonstration by mentor	Implant cases by participants	Interdisciplinary approach for management of	Placement of restoration

		complex cases	
Implant hands on by students with documentation	Advanced surgical techniques	Written certification Exam	Cementation Evaluation
Evaluation	Evaluation	Evaluation	Certification

MODULE I:

Section 1

Implant Treatment - General Aspects

- History of implant dentistry
- Scientific developments in implantology, treatment concepts, Implant materials, Current implant systems on the market,
- Anatomical fundamentals in implantology
- Bone biology: physiology and quality
- Principles of osseointegration
- Medical evaluation of the implant patient
- Introduction to implant prosthetics
- Prosthetic options in implantology
- Natural teeth and their relation to implants
- Implant occlusion

- Implant supported removable prosthesis
- Introduction to NobelClinician
- Introduction to NobelClinician. Hands-on software.

Section 2

Treatment Planning & Surgical Aspects

- Patient selection criteria
- Pre-implantology based diagnosis
- Clinical examination
- Introduction to digital examination, NobelClinician case examination – simultaneous hands-on software
- Model analysis, Soft tissue analysis (use of planning and sectioned models)
- X-ray image with measurement references
- Conventional radiography versus CT
- Treatment planning for the implant patient - “backward planning applications”, a prosthetic implant planning
- Restorative treatment options
- Surgical concepts and procedures
- Step-by-step surgical procedures (one-stage treatment, two-stage treatment)
- Drilling protocols - Hands-on session
- Implant surgery
- Hands-on drilling models

Section 3

Live Surgery by Mentor / Participants

- Live surgery
- Single unit cases
- Implant overdenture treatment
- Practice development

- Case documentation guidelines
- Fundamentals of dental photography
- Increasing patient treatment acceptance
- Communication skills
- Communication tools

MODULE II:

Section -1

Restorative treatment options, techniques & Implant placement by participants

- Restorative treatment options and techniques I
- Impression taking
- Abutment selection
- Implant vs. abutment level restorations
- Cement vs. screw-retained restorations
- Restorative materials (pressed vs. ceramic milled vs. composites)
- CAD CAM workflow / CAD CAM demonstration (abutment/restoration design)
- Case presentation
- Case presentation by participants followed by Case discussion and QA's
- Hands-on session on prosthetic models
- Impression taking
- Abutment selection

Section -2

- Restorative treatment options and workflow for single tooth
- Restorative treatment options and workflow for multiple missing teeth
- Esthetic zone
- Posterior region
- Restorative treatment options and workflow for edentulous patients
- Provisionalization

- Prosthetically-driven soft tissue management
- Live patient demonstration
- Impression taking
- Try-ins
- Placement of final restoration

Section 3

Guided Surgery overview

- Introduction to guided surgery
- Treatment planning with NobelClinician oriented to guided surgery with NobelGuide (integrated treatment workflow).
- Indications, surgical procedures and treatment

MODULE III

Section - 1

Prosthetic Technique

- Implant maintenance and complications
- Implant maintenance and follow-up
- Mechanical complications
- Biological complications
- Peri-implant mucositis
- Peri-implantitis
- Case presentation by participants
- Case discussion
- Q&A's

Section -2

Hands-on / Live cases

- Hands-on prosthetic workshop & live prosthetic restoration by Mentor followed by the students.

Section -3

- Hands-on prosthetic workshop & live prosthetic restoration by participants.

Course Certification

Participants shall receive a certificate of completion from the respective University, Nobel Biocare & Smiletube.Tv based on the following criteria

MODULE IV : FINAL MODULE

Discussions with co ordinators

Try ins

Placement of restoration & Cementation

Certification

COURSE CERTIFICATION

Participants shall receive a certificate of completion from the respective University and Nobel Biocare based on the following criteria:

3 Completed cases with documentation

3 Case planning submission

ELIGIBLY

Each batch will consists of Maximum of 20 participants

The first preference will be given to Cri's , postgraduates and the faculty of our college

Our college Aluminees were also encouraged to take up this course

Any BDS and MDS Graduates can also apply for this course.

DURATION

The course comprises of 4 modules of 3 days each

The course duration is of 6 months.

FEE STRUCTURE

Each participants will pay a sum of one lakh Rupees only in a Easy instalments