

DEPARTMENT OF IMPLANTOLOGY

FELLOWSHIP PROGRAM IN IMPLANTOLOGY

1. PREAMBLE

The development of science and technology in dentistry, the inclusion of newer treatment modalities, demands the dental practitioners to constantly update their knowledge in these modalities to fulfil the treatment needs of the populations they serve. Consequently, specialization in Dentistry has occurred as a natural evolutionary process across several disciplines of the dental profession. However, the competencies for the newer treatment modalities is often provided by the industry rather than the educational institutes. The transition toward specialization and adoption of a newer treatment option often presents the specific disciplines with challenging concerns and issues. Creative solutions to these concerns will strengthen the integrity and cohesiveness of the profession. This fellowship program is aimed at providing the dental practitioner through, systematic and logical exposure to implant dentistry and to provide clinical knowledge and skills of the highest level. Assisted by a very favorable staff-student ratio, where the relationship between student and mentor is direct and highly personalized.

2. TYPE OF COURSE

A Skill based interdisciplinary course

3. NATURE OF COURSE

Fellowship

4. DURATION OF THE COURSE

- 1 Year full time course
- 2 Semesters of 6 months each
- The first semester will focus on training the participants in the basic skill in Implantology
- The Second Semester will focus on imparting training at an advanced skill level.
- 50 hours of theory in each Semester.
- 10 hours of hands on training in each semester.
- One to one clinical training throughout the year.

5. SCOPE OF THE COURSE

The Implant training program is designed for fresh dental graduates as well as post graduates who wish to expand their treatment capabilities to include treatment planning for dental Implants, placement and restoration of dental implants. This comprehensive surgical and prosthetic Implant training program focuses on implant placement into healed as well as immediate extraction sites and prosthetic. The advanced graduate level program will include all important aspects of advance implant dentistry: diagnosis and surgical and prosthetic treatment planning in implant dentistry, understanding of surgical protocols and prosthetic protocols, long-term maintenance, and prevention and management of implant complications

6. NATURE OF CURRICULUM

Theoretical and skill oriented

7. COURSE CONTENT (SYLLABUS)

- Basic sciences & Applied anatomy, Bone physiology, Healing, Sterilization
- Diagnosis and Treatment Planning – Basic to Advanced
- Detailed understanding of Basic Surgical Principles
 - Incision
 - Flap Design
 - Suturing Techniques – Hands-on
- Diagnostic methods – Radiography, CBCT, Bone Mapping etc.
- Surgical protocols for placing a single implant to multiple implants into a healed site or healing sites
- Surgical template and guide planning to construction
- Effective patient communication and the importance of receiving consent prior to implant placement
- Bone grafting techniques and material
- Immediate Implants – Hands-on with Models
- Implant supported Overdentures
- Implant supported Full arch Restorations
- Edentulous Ridge Restorations with All on 4 Concept.
- Treatment Planning for Guided Surgery – Using Digital Software.
- Practice Management.
- Implant Aesthetics.
- Postoperative Complications of Implants.
- Introduction to Prosthetic Phase

- Impression Materials
- Impression Making Techniques – Hands-on
- Temporization
- Understanding of Prosthetic components
- Prosthetic fabrication and cementation (DIGITAL DENTISTRY)
- Guidelines to correct implant maintenance

8. TRANSACTION OF CURRICULLUM

Didactic / Hands on / Clinical

9. TEACHING METHOD

Lectures / Hands on / Live Surgical Demonstrations / Clinical cases

10. ELIGIBILITY

Minimum qualification of B.D.S or equivalent from a recognized Institution in India or Overseas.

Participants who have completed the Basic Implantology course, may continue as a fellowship participants from the 2nd semester by paying an additional fee of Rs. 2,50,000. (Based on the availability of the seats)

INTAKE PER YEAR: 2 seats

ADDITIONAL INTAKE for 2nd semester: 2 seats (Participants of Basic course)

11. COURSE FEE

For Indian Candidates, Course fees are **Rs.4,00,000/-** (Rupees Four Lakhs Only)

For Overseas and NRI Candidates, Course fees are **6000 US Dollars**

Scholarship of Rs. 50,000/- (Rupees Fifty Thousands Only) awarded to Alumni of Yenepoya Dental College Yenepoya Deemed to be University

12. STIPEND

A Stipend of Rs. 5000 will be paid to the participant per month.

13. FACULTY REQUIREMENT

- Dr. Hasan Sarfaraz (Internal)
- Dr. Shashikanth Hegde (Internal)

- Dr. Rajesh Shetty (Internal)
- Dr. JagdishChandra (Internal)
- Dr. Anjan Kumar Shah – Maxillo Facial Surgeon (External)
- Dr. Mahendranath Reddy – Prosthodontist (External)

14. MATERIAL REQUIREMENT

- Implants and Abutments
- Surgical consumables and irrigation sets
- Prosthetic components and Impression materials
- Prosthesis processing in Dental Laboratory

15. BUDGET

Approximately Rs. 3,00,000/- per Participants

20 Implants and 20 abutments – 1,50,000/-

Honorarium for faculty – 60,000/-

Surgical Consumables (Graft / Membranes) -30,000/-

Prosthetic consumables and Prosthesis processing charges – 40,000/-

Marketing and Program Kit – 20,000/-

Stipend : 60,000 per candidate = 1,20,000/-

16. OBJECTIVE OF THE COURSE

- To provide the participants a through systematic and logical exposure to implant dentistry.
- To help the participants to effectively incorporate implant dentistry into their dental practice.
- Rational creation of overall treatment plans in relation to implant dentistry.
- To provide a program based on realities of private practice and not just theoretical aspects.
- To Provide a skill oriented interactive sessions on laboratory and surgical phases.

17. TIMING OF THE COURSE

The course will be conducted during the normal working hours of the department, and may extend up to 5:30 PM during the surgical and prosthetic modules.

18. EVALUATION METHOD

Annual Examination

- Theory examination** (Essay and Short answers) -100 marks – 1 Day

Paper 1: Title: Implantology

Essay : 20 x 1 = 20 Short Answers: 10x8=80 Total = 100 marks

Syllabus for paper will include:

Basics science and applied anatomy

Diagnosis and treatment planning

Surgical protocols of Implantology including healing

Prosthetic protocols of Implantology

Post treatment management in Implantology

b. Practical Examination & Viva Voce – 200 Marks – 1 Day

Diagnosis and treatment planning for 1 complex case with records -75 Marks

Case presentations – 25 Marks

Viva voce- 80 Marks

Clinical Log-Book Evaluation – 20 Marks

EXAMINERS: Professors who are actively involved in post graduate training program are eligible to conduct examination from any of the below mentioned specialities:

1 internal examiners :Oral & Maxillofacial surgeon/ Periodontist /
Prosthodontist

1 External examiner: Oral & Maxillofacial surgeon/ Periodontist /
Prosthodontist

19. ATTENDANCE

90% attendance

20. INTERSHIP

Not Applicable

21. PASS CRITERIA

Passing marks: Theory = 50 % Practical's + Viva = 50%

22. CERTIFICATE AWARDED BY

Yenepoya Deemed to be University.

23. BROCHURE AND LIST OF TEXT BOOKS

Enclosed

24. INSPECTION OF THE DEPARTMENT OF IMPLANTOLOGY

A 3 members team of experts will inspect the department for availability of infrastructure and equipment's. The report of the same will be submitted to the university before the initiation of the course.

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title		Date

REMARKS:

Approved By	Date	Approved By	Date
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