

Fellowship in Peri implant reconstructive surgery
(Syllabus and Training schedule)

Goals:

1. To enhance soft tissue aesthetics in existing osseointegrated implants.
2. To identify signs of peri Implant disease and implement the CIST protocol.
3. To reconstruct both hard and soft tissue in compromised implant sites.

Syllabus

Module 1

Lecture hours- 3 hours

Peri implant tissues, implant related aesthetic principles, soft tissue grafting.

Clinical work

Emergence profile enhancement

Gingival augmentation procedures using auto, allografts.

Papilla reconstruction procedures.

Module 2

Lecture hours- 3 hours

Peri implant disease pathogenesis and management

Clinical work

CIST protocol A-D

Module 3

Lecture hours-3 hours

Success vs survival, site development

Clinical work

Reconstruction of compromised sites using combination of hard tissue(auto, allo, xenografts and alloplasts)

Skill set to be acquired

Soft tissue grafting around implants-15 cases

Papilla reconstruction-5 cases

CIST protocol A-D- 10 cases

Compromised sites- combination of hard (particulate and block) and soft tissue graft- 5 cases

Recommended reading:

Books required-15 (List given below may be used as a guide only)

Journal – At least one related to implantology

Book List:

Periodontology and implant dentistry By Lindhe

Colour atlas By Sato

Contemporary implantology By Misch

Introducing dental implants By John A. Hobkirk, Roger M. Watson, Lloyd J. J. Searson

Implant dentistry: a practical approach By Arun K. Garg

Dental Implant Complications: Etiology, Prevention, and Treatment by Stuart J. Froum

Color Atlas of Dental Implant Surgery By Michael S. Block

Osseointegration and Dental Implants By Asbjorn Jokstad

Dental Implants: The Art and Science

By Charles A. Babbush, Jack A. Hahn, Jack T. Krauser, Joel L. Rosenlicht

Implant and Regenerative Therapy in Dentistry: A Guide to Decision Making

By Paul A. Fugazzotto

Implants in Clinical Dentistry

By Richard M. Palmer, Leslie Howe, Brian Smith

Peri implant reconstructive surgery- GUIDELINES

Specifications	Requirements	Available	Recommendations
Name of the Course Director	i. Post-graduate Degree in the field of Oral & Maxillofacial surgery with minimum 9 years teaching or clinical experience in the concerned specialty. ii. With at least 2 publications in Index Journals (one in Distraction osteogenesis) iii. Full time Faculty iv. Must have attended a Speciality Conference in Oral & Maxillofacial surgery. v. Must have extra proficiency in Distraction osteogenesis in the form of International or National key-note lectures, conducting workshops, training programmes, examinership, published research work etc., in Distraction osteogenesis.		
Teaching Faculty	Reader in OMFS- 4 years of teaching or clinical experience 1 (part time). Reader in orthodontics 1-4 years of teaching or clinical experience. (part time) Anaesthetist -1 ii. Part-time permitted iii. Must have attended a Specialty Conference. Duty doctor-1 (MBBS).		

Administrative Staff	i. Front office Staff -1 ii . Dental Chair side Assistant.-3 iii.Radiographer/DarkRoom Assistant-1 iv. Dental Lab Technician - 1(or tie up with a Dental Lab less than 2 kilometers away)		
Out Patient	General Out patients - 30 per day.		
Equipments	Apart from the regular surgical instruments for major operation theatre, the following equipment is required. Distraction osteogenesis kit -1, Fibreoptic bronchoscope-1, Bone cutting saw- 1 (oscillating, reciprocating, sagittal).		
<u>Built-up Area</u>	The built up area as specified in the DCI Norms (for three postgraduates) for admission of three candidates		
Multi Media	One number,		
Library	Minimum – 5 Books on Distraction osteogenesis and 2 books each in Oral & maxillofacial surgery and Basic medical sciences. 4 national and 2 International Journals and Internet Connection.		
Laboratory/ Skills Lab	Enclosed		
Maximum Intake Maximum Intake of students	To start the course – Maximum permission 3 students. Increase of seats to a maximum of 6 students will be permitted only on completion of the first batch.		
Registration Details			

INFRASTRUCTURE

All infrastructure given is for three students. This must be increased proportionate to increase in seats.

A. BUILT-UP AREA

Infrastructure	Requirement (sq ft)
Administrative Area (Reception, office, Medical Record)	150
Minor operation theatre for PG students (150x3)	450
Radiology	Existing facilities
Sterilization Area	100
Waste Disposal Area	as prescribed by the TNPCB
Amenities (Night duty rooms for doctors)	100
Major operation theatre with all facilities	300
Nurses station	100
Seminar Hall and Library	150
Total	1,350+ waste disposal area

B. EQUIPMENTS

i. Dental Chair and Unit -3 Nos.

Electrically operated, spittoon attachment, Halogen Light with 2 intensity, Air venturi suction, micromotor control, 3 way syringe, X-ray viewer, instrument tray Dental Operators stool with height adjustment with shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, airtor.

ii. Radiology Equipments:-

- a. Intra Oral X Ray Unit - 1
- b. RVG Unit - 1
- c. Panoramic X Ray Unit - 1
- d. Lead aprons - 2
- e. Dosimeter Badge - 1

iii. Camera/SLR - 1 Unit

iv. Computer with accessories - 2

v. Sterilization Equipments

- a. Autoclave -1
- b. Vapoclave-1
- c. Ultra Sonic Cleaner-1
- d. Packing and Sealing Unit-1

vi. Hospital waste Disposal

- a. Colour Coded Bins
- b. Needle Destroyer+ syringe cutter,
- c. Radiology Waste Disposal System.

vii. Seminar Hall and Library (one each)

- a. LCD Projector,
- b. Computer with necessary accessories and internet facilities
- c. Photo Copier
- d. Scanner
- e. Seating furniture
- f. Cupboard

ix. Laboratory Equipments

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| 1. Heavy Duty Lathe | -1 |
| 2. Model Trimmer | -1 |
| 3. Steam Cleaner | -1 |
| 4. Face Bow and Semi Adjustable Articulator | -1 |
| 5. Micromotor | - 3. |
| Fellowship in Distraction Osteogenesis (DO) | |