

S. Harwand Singh Memorial Education Trust Regd.

The Academy Of Dental Excellence

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Dental Implants

Module 1 [Introductory phase & Surgical phase]

Day 1 10am Tea/ Coffee

10:30am to 12:30pm:

- When & why to choose a classical implant retained fixed restorations post extraction
- Introduction to Implantology
- History
- Classification
- Surgical anatomy of the maxilla & mandible
- Diagnosis
- Case selection & treatment planning

1pm to 2pm : Lunch

2:30pm to 4:30pm

- Medical considerations in implants
- Pharmacology in implants
- BONE:-relation to implants
- Bone density
- Bone biology & physiology
- Anatomic considerations

Day 2 10am Tea/ Coffee

10:30am to 12:30pm:

- Concepts of Osseo integration: - a cellular phenomenon
- Biotype classification
- SAC classification
- Different types & designs of implants
- Radiology in implants:-
- Opg diagnosis
- CT planning with advanced planning software
- Virtual planning with CBCT evaluation
- Surgical guide fabrication

1pm to 2pm: Lunch

2:30pm to 4:30pm

- Basic armamentarium & preoperative assessment including sterility protocols.
- Hands on: - Incision & Flap design rationale, Suturing techniques on dummy models.

Day 3 10am Tea/ Coffee

10:30am to 12:30pm:

- Concepts of basic implant surgical techniques A to Z – step by step
- Introduction to different implant systems
- Specific Implant selection
- Implant dentistry – A periodontal perspective

1pm to 2pm: Lunch

2:30pm to 4:30pm

- Peri-implant soft tissue complex
- Predictable bone remodeling Vs Crestal bone loss
- Understand the pitfalls in hard & soft tissue anatomy
- Hands on: - Implant placement on the model

Day 4 10am Tea/ Coffee

10:30am to 12:30pm:

- Preoperative dental operator protocol for Implants
- Live conventional implant placement by the mentor
- Essential aspects of Physiodispenser unit
- The mystique about membranes

1pm to 2pm: Lunch

2:30pm to 4:30pm

- Live implant placement by the participant with bone evaluation

Day 5 10am Tea/ Coffee

10:30am to 12:30pm:

- Individual case planning & post operative evaluation with discussion

1pm to 2pm : Lunch

2:30pm to 4:30pm

- Occlusion in Implants
- Socket preservation techniques & materials
- Flap or Flapless implantology
- Immediate implants: how to place it & to load or not to load?

Module 2 [Clinical phase & Prosthetic phase]

Day 1 10am Tea/ Coffee

10:30am to 12:30pm:

- What are Prosthetic components & Abutments?
- Hype about bone grafts: - what is the best graft material?
- Titanium tacs for membrane stabilization
- Prosthetic options for individual clinical case
- Gingival modification prior to Impressions
- Different impression techniques i.e. Abutment & Fixture level

1pm to 2pm : Lunch

2:30pm to 4:30pm

- Guideline to prosthetic options
- cement retained / screw retained
- Optimal Abutment selection criteria
- Single Vs Two stage
- Implant overdentures
- Philosophy
- Advantages & disadvantages

Day 2 10am Tea/ Coffee

10:30am to 12:30pm:

- Basic principle of maxillary sinus elevation

1pm to 2pm: Lunch

2:30pm to 4:30pm

- All on four & all on six concept

Day 3 10am Tea/ Coffee

10:30am to 12:30pm:

- Specialized implant impression trays
- Bite registration for full mouth rehabilitation with implants
- Biomechanical considerations
- Implant platforms
- Abutment connection & designs
- Analysis of biomechanical factors for prosthetic options like single implant crowns, fixed partial crowns.
- Loading protocols

1pm to 2pm: Lunch

2:30pm to 4:30pm

- Concepts of occlusion in Implant retained prosthesis
- Peri-Implant soft tissue management
- Provisionalization of Implants
- Gingival former selection & recovering of osseointegrated implants
- Hands on: - Impression on models

Day 4 10am Tea/ Coffee

10:30am to 12:30pm:

- Periimplantitis
- Causes, diagnosis & management

1pm to 2pm : Lunch

2:30pm to 4:30pm

- Maintenance of Implants

Day 5 10am Tea/ Coffee

10:30am to 12:30pm:

- Immediate prosthesis in Aesthetic zone
- Final prosthetic rehabilitation by the participants
- Prosthetic complications management

Course Fee: Rs. 2,10,000/- (Two Lakh Ten Thousand Rupees Only)