

SriAurobindoCollegeofDentistry,Indore

CourseName- CertificatecourseinOralImplantology

Modules(IfApplicable)

Module1:3days(1stmonth)

Module 2 : 3 days (3rd month)

Module3:3days(5thmonth)

Module4:3 days (7th month)

Module5:3days(9thmonth)

Module6:3 days (11thmonth)

IstModule-3days

- a. Introductiontodentalimplantology
- b. Asepsisand sterilization
- c. Diagnosisandtreatmentplanning
 - I. Surgical anatomy of maxilla and mandible
 - II. Implant surgical techniques

IIndModule–3days

Preclinical exercise

- I. Surgical splints/ guide & incisions
 - Suturing on models
- II. Implant placement on model iv Implant impression on model - Open Tray-
Close Tray
 - 1. Local anaesthesia techniques in Oral Implantology
 - 2. Surgicaldemonstrationbyfaculty(Livesurgerydemo)
 - 3. Implantplacementsbyparticipants onpatients

IIIrd Module—3 days

- a. Second stage implant surgery—Theory and Clinical
- b. Prosthetic rehabilitation
- c. Implant loading—Basics and protocols
- d. Implant impression on model-Open Tray-Close Tray

ivth Module-3 days

- a. Stages of Implant Prosthesis preparation
 - Impression making
 - Labwork
 - Prosthesis delivery
- b. Dental Implant Complications and their management
- c. Introduction to advanced surgical Procedures eg. Soft and Hard tissue grafting, Ridge split, PRF augmentation, Direct/ Indirect sinus lift procedures.
- d. Implant maintenance

vth Module-3 days

Digital workflow

- a. Scanning of impression on patients
- b. In office one visit CAD/CAM restoration for the patient
- c. Treatment planning on CAD/CAM software
- d. Hands-on for participants with intra-oral scanners
- e. CAD/CAM design for crown and bridges
- f. Milling techniques

VIthModule-3days

IntroductiontoBasicRidgeAugmentationMaterialsand Procedures-

Bone Grafts & Membranes

Ridge Split Techniques

SimpleGraftingTechniques

Sinus Lift Techniques

Autogenousgrafts

Exam-Mcqs&Vivavoice

Syllabus

A. Dental Implantology

1. History of Dental Implantology
2. Surgical anatomy of the maxilla
And mandible
3. Diagnosis & treatment planning.
 - Clinical Diagnosis
 - Radiographic Diagnosis
 - Choice of implants
4. Bone biology and osseointegration
5. Dental implants design and biologic rationale
6. Local and systemic factors in dental implantology and their effects on implant treatment and prognosis
7. Implant surgical techniques
 - a. First stage implant surgery
 - b. Second stage implant surgery
8. Advanced implant Surgical techniques.
 - a. Hard tissue augmentation
 - b. Soft tissue augmentation
9. Prosthetic aspect of Implant dentistry
 - a. Principles of Implant Prosthesis
 - b. Digital workflow in Implant Dentistry
 - c. Impression materials & Impression techniques in Implant dentistry
10. Dental Implant maintenance.

Suggested Reading!

TEXTBOOKS;

- A. Misch's Contemporary Implant Dentistry, 4TH Edition Randolph R. Resnik,, Elsevier Mosby Publishers.
- B. Carl E Misch, Dental Implant Prosthetics, 2nd edition, Elsevier Mosby Publishers.
- C. Oral Implantology Review A study Guide, 1st edition Louie Al- Faraje, Quintessence Publishing Company.

JOURNALS;

- 1. Journal of Clinical Periodontology, Wiley Publishers
- 2. Journal of Clinical Oral Implants Research, Blackwell Munksgaard Publications
- 3. Clinical Implant Dentistry and related research, Wiley-Blackwell Publications
- 4. International Journal of Oral Implantology, Quintessence Publishing Company
- 5. Journal of Periodontal and Implant Science, Korean Academy of Periodontology

Databases and Search Engines

PubMed, Medline, EBSCO

Web of Sciences, Cochrane systematic review

Dr. Rajesh Kumar
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