



ADVANCED CLINICAL DENTISTRY



About Us

Welcome to MHPPro Academy, India's premier online learning platform dedicated to advancing medical education for medical professionals and students. We specialize in providing high-quality, accredited courses across various medical disciplines, including Dentistry, Aesthetic Medicine, and more.

At MHPPro Academy, we are committed to empowering medical professionals and medical students with the latest knowledge and skills required to excel in their respective fields. Our goal is to bridge the gap between academic learning and real-world clinical practice through evidence-based online learning provided by leading experts in the field.

Why Choose MHPPro Academy?

- **Expert-Led Curriculum:** Courses designed and delivered by renowned medical professionals and subject matter experts.
- **Accredited Programs:** Our courses are endorsed by prestigious medical associations and professional bodies.
- **Flexible Online Learning:** Study at your own pace with comprehensive video lectures, study notes, and quizzes.
- **Industry Recognition:** Certifications are recognized by leading medical associations, ensuring credibility and value.
- **Career Advancement:** Enhance your skills, earn recognized credentials, and boost your professional growth.



Course Introduction

Advanced Clinical Dentistry course provides a comprehensive understanding of key concepts in dentistry, covering specialized fields such as oral surgery, periodontology, and orthodontics. As your dental education culminates, this pivotal year bridges the gap between theoretical knowledge and real-world practice. Students will acquire in-depth skills in diagnostic techniques, treatment planning, and essential clinical procedures for effective patient care. Emphasis on evidence-based practice ensures well-informed clinical decisions. By integrating multispecialty learning, this course prepares students to deliver high-quality oral healthcare and make meaningful contributions to the field of dentistry



Learning Objectives:

- **Comprehensive Knowledge:** Demonstrate a well-rounded understanding of key concepts across various dental specialties including oral surgery, periodontology, and orthodontics.
- **Clinical Skills Development:** Acquire advanced diagnostic techniques and treatment planning skills essential for effective patient care.
- **Evidence-Based Practice:** Apply evidence-based principles to inform clinical decision-making and enhance patient outcomes.
- **Interdisciplinary Collaboration:** Foster collaboration among different dental specialties to promote a holistic approach to patient management.
- **Professional Preparation:** Prepare students for professional practice by integrating theoretical knowledge with hands-on experience in clinical settings.
- **Patient-Centered Care:** Emphasize the importance of delivering high-quality and empathetic care to patients in diverse community settings.

Learning Outcomes:

- **Specialized Competence:** Demonstrate proficiency in various dental specialties, enabling effective treatment and management of complex cases.
- **Clinical Proficiency:** Effectively utilize advanced diagnostic and treatment planning skills in real-world clinical scenarios.
- **Informed Decision Making:** Make well-founded clinical decisions based on the latest evidence, improving overall patient care.
- **Collaborative Skills:** Exhibit the ability to work collaboratively across dental specialties, ensuring comprehensive and coordinated patient management.
- **Professional Readiness:** Graduates will be prepared for successful careers in dentistry, equipped with the knowledge and skills to make a meaningful impact in the field.
- **Patient Advocacy:** Display a commitment to patient-centered care by understanding and addressing the diverse needs of patients in various healthcare settings.

Who should take up this course?

BDS

MDS

DENTAL STUDENTS

DENTAL PROFESSIONALS

Course Director



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Course Authors



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Curriculum

Course Title: Dental Science Final year

Module:

Chapter:

ORAL MEDICINE & RADIOLOGY

- Radiation Biology
- Radiation physics
- Radiation safety & protection
- Types of films, grids intensifying screens & cassettes
- Processing of X-rays films
- Intraoral techniques
- CBCT, CT, MRI
- Normal anatomical landmarks
- Faulty radiographs

PERIODONTA

- Gingiva
- Cementum
- Alveolar bone
- Periodontal ligament 1
- Periodontal ligament 2
- Gingival diseases
- Periodontal diseases 1
- Periodontal diseases 2
- Periodontal instruments
- Ultrasonic and sonic. scaling
ANTIINFECTIVE
- Gingival curettage
- Gingivectomy
- Periodontal surgery- flap
- Osseous surgery & mucogingival surgery
- Anti-infective therapy

Curriculum

Course Title: Dental Science Final year

Module:

Chapter:

PUBLIC HEALTH DENTISTRY

- Fluorides
- Indicators of health, patterns of disease
- Disease control and prevention
- Ethics in dentistry & dentist acts
- National health programs
- Indices
- Preventive dentistry- caries, PRR, ART
- Biomedical waste management
- Biostatistics
- Communicable and non-communicable diseases
- Epidemiology

ORTHODONTICS

- Growth and development
- Malocclusion
- Biomechanics
- Model analysis
- Cephalometric
- Orthodontic instrumentation
- Treatment planning
- Removable appliances
- Orthopaedic appliances
- Fixed appliances
- Lingual orthodontics
- Habit breaker appliances
- Preventive & interceptive procedures
- Myofunctional appliances

Curriculum

Course Title: Dental Science

Module:

Chapter:

ORAL SURGERY

- Local Anaesthesia
- Conscious sedation
- Exodontia
- Impactions
- Orofacial clefts
- Cyst and tumours
- Oral malignancies
- Orofacial and Neck Infections
- Salivary Gland Disorders
- Middle third fractures
- Mandibular fractures
- TMJ
- Maxillary sinus
- Facial Neuropathology
- Preprosthetic surgery
- Orthognathic surgery

PROSTHODONTIA

- Fixed partial denture-Indications and Contraindications, Types of FPD
- Parts of FPD, Pontics and Abutments
- Basic principles of tooth preparation, Gingival displacement, Occlusion
- Complete denture - Impression and Articulators
- Complete denture - Lab procedure
- Sequelae of wearing CD
- Relining and Rebasing & immediate dentures

Curriculum

Course Title: Dental Science

Module:

Chapter:

PROSTHODONTIA

- RPD-Sequel of partial edentulousness, supra eruption, Types and indications of RPD
- Classification of RPD
- Parts of RPD
- Surveying, Path of insertion, Guiding planes
- Oral implants
- Maxillo facial prosthesis, veneers, over dentures
- Complete denture- diagnosis, anatomical landmarks
- Maxillo Mandibular Jaw Relation

CONSERVATIVE DENTISTRY & ENDODONTICS

- Instruments used in dentistry
- Fundamentals of tooth preparation
- Separators, retainers & matrices
- Amalgam restorations
- Dental cements & pulp protection
- Gold restoration
- Cast metal restoration
- Composites
- Dentinal hypersensitivity
- Pin retained restoration and infection control
- Pulpal and periradicular pathology, Diagnostic aids
- Endodontic instruments
- Working length determination
- Shaping & cleaning of root canal

Curriculum

Course Title: Dental Science

Module:

CONSERVATIVE DENTISTRY & ENDODONTICS

Chapter:

- Root canal irrigants, sealers & medicament
- Obturation
- Endodontic microbiology
- Endo-perio relationship
- Endodontic microsurgery and Laser in endodontics

PEDODONTIA

- Child psychology and behaviour management
- Conscious sedation
- Oral habit, serial extraction
- Paediatric endodontics- root canal morphology, pulp & periapical diseases
- Paediatric endodontics-pulp therapy, rotary endodontics
- ECC, rampant caries
- Stainless steel & anterior crowns
- Periodontal & gingival diseases
- LA, exodontia
- Traumatology, minor oral surgery
- Cleft lip & palate
- Diseases of child
- Forensic pedodontics

Certificate Sample

