



# CLINICAL FOUNDATIONS IN 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

Clinical Foundations in Dentistry course focuses on key concepts in General Surgery and Oral Pathology as they relate to oral and maxillofacial surgery. This pivotal stage of your education will enhance your understanding of surgical principles essential for effective oral healthcare. We will also explore important General Medicine concepts, examining how systemic diseases impact dental treatment and patient care. Topics covered include wound healing, trauma management, and the pathogenesis of oral diseases. By integrating clinical and pathologic correlations, this course prepares you to become competent healthcare professionals in the dental field



## Learning Objectives:

- **Understand Surgical Principles:** Gain a thorough understanding of the fundamental surgical principles relevant to oral and maxillofacial surgery.
- **Integrate General Medicine:** Recognize the importance of systemic diseases, such as cardiovascular health and diabetes, and their implications for dental treatment.
- **Explore Oral Pathology:** Study the pathogenesis, clinical presentation, and histopathology of various oral diseases, including odontogenic cysts and infections.
- **Develop Trauma Management Skills:** Learn effective techniques for wound healing and trauma management in the head and neck region.
- **Enhance Diagnostic Skills:** Improve diagnostic abilities through the study of tumors, congenital anomalies, and vascular disorders related to oral health.
- **Prepare for Clinical Practice:** Foster the integration of clinicopathologic correlations to prepare for competent patient care as future healthcare professionals.

## Learning Outcomes:

- **Surgical Competence:** Demonstrate an understanding of key surgical principles and techniques applicable to oral and maxillofacial surgery.
- **Holistic Patient Assessment:** Evaluate and assess how systemic conditions influence oral healthcare, ensuring a comprehensive approach to patient treatment.
- **Pathology Proficiency:** Identify and explain the pathogenesis and histological features of various oral diseases encountered in clinical practice.
- **Effective Trauma Management:** Implement effective wound healing and trauma management strategies in clinical scenarios involving the head and neck.
- **Enhanced Diagnostic Acumen:** Apply diagnostic skills to identify tumors, congenital anomalies, and vascular disorders, contributing to effective treatment planning.
- **Integrated Clinical Skills:** Utilize clinicopathologic correlations to enhance decision-making in patient cases, ensuring readiness for real-world healthcare challenges.

# 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 3<sup>rd</sup> Year

### Module:

### Chapter:

#### GENERAL MEDICINE

- Physical & systemic examination
- Hematology
- Cardiovascular System
- Respiratory System
- Hepatology
- Endocrinology
- CNS
- GIT
- Renal system
- Infections

#### ORAL PATHOLOGY

- Developmental disturbances
- Abnormalities of teeth
- Odontogenic cysts
- Odontogenic tumours
- Epithelial pathology
- Soft tissue tumours
- Physical & chemical injuries
- Allergic & immunological diseases
- Dental caries
- Pulpal, periapical & periodontal diseases
- Bacterial, viral and fungal infections
- Diseases of bone
- Diseases of skin
- Diseases of blood
- Diseases of nerves and muscles
- Diseases of salivary glands
- Oral manifestation of systemic diseases 1

# Curriculum

## Course Title: Dental Science 3<sup>rd</sup> Year

### Module:

### Chapter:

#### ORAL PATHOLOGY

- Oral manifestation of systemic diseases 2
- Forensic odontology

#### GENERAL SURGERY

- Wound Healing
- Infectious Diseases
- Shock, hemorrhag, and blood transfusion
- Tumors of head and neck
- Neoplasia
- Trauma
- Cleft lip and palate
- Swelling & ulcers
- Diseases of pharynx and larynx
- Diseases of salivary glands
- Diseases of thyroid gland
- Arterial and venous disorders

# Certificate Sample

