



DR. G. D. POL FOUNDATION'S Y.M.T. DENTAL COLLEGE AND HOSPITAL

AFFILIATED TO MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES
RECOGNIZED BY DENTAL COUNCIL OF INDIA, NEW DELHI



Attributes of the Graduates of Dental Sciences

Graduate Attributes

Competencies expected from the graduate based on the acquired knowledge and skills gained upon completion of a particular program.

1. Attributes of the Graduates of Dental Medicine

- The graduate must be able to deliver independently oral health care services within the scope of general dentistry.
- Provide ethical professional practice including compassion, empathy, integrity, responsibility and tolerance.
Provide comprehensive practice management encompassing patient assessments, and maintain patient's records in complete and accurate forms.
- Communicate effectively to develop a mature, sensitive and caring relationship with their patients. Respond to socio-economic aspects of different communities and engage effectively in community services.
- Maintain a safe and infection-controlled environment.
Realize the importance of lifelong learning and strive for continuous professional education.
- Recognize the various features of medico-legal aspects of the dental profession.
- Recognize the limitation of their current knowledge and clinical abilities and realize the need for proper referral.
- Evaluate and respond to ongoing dental technology.

2. Knowledge and Understanding

Upon completion of an undergraduate dental program, the graduate must know and understand the biomedical, dental, and behavioural sciences that form the basis of human health and disease including:

- The interrelationship between different systems of the human body.
- The principles of pathogenic mechanisms and manifestations of human diseases which are of dental significance.
- Basis and significance of oral health promotion, nutritional education and prevention of oral diseases in population based approaches.
- Prevention and management of medical emergencies.
- Maintenance of infection control and a safe working environment.
- Basis of practice management.
Principles of evidence-based dentistry and its relation to scientific research.
- Ethical and medico-legal aspects relevant to the practice of dentistry and research.
- Social and psychological issues relevant to dental care with emphasis on behavioural management.

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3. Practical and Clinical Skills

- The graduate must be able to:
- Establish a comprehensive patient's history, perform clinical examination, request and evaluate appropriate investigations.
- Review the body systems and consult with other health care professionals, when required.
- Detect abnormal and pathological conditions, as well as etiological and/or risk factors that may contribute to disease process.
- Perform a range of clinical procedures which are within the scope of general dentistry, including:
 - Applications of preventive procedures.
 - Application of different local anaesthetic techniques.
 - Extraction of teeth and removal of roots when necessary.
 - Diagnosis of commonly encountered oral lesions.
 - Performance of the necessary radiographs. Performance of non-surgical periodontal treatment and monitor treatment outcomes. Restoration of carious and non-carious tooth defects with emphasis on basic concepts of esthetics.
 - Basic endodontic procedures.
 - Rehabilitation of partially and completely edentulous patients.
 - Diagnosis and prevention of developing malocclusions.
 - Apply current infection control guidelines.
 - Control different levels of patient's anxiety and apprehension in different age groups.
 - Manage dental and medical emergencies which may occur in dental practice and perform basic life support measures.
 - Prescribe and monitor the effects of appropriate pharmaceutical agents taking into consideration drug and patient factors.

4. Intellectual Skills

The dental graduate must be able to:

- Integrate basic biomedical, behavioral and dental sciences with signs, symptoms and physical findings of the disease.
- Differentiate between normal and abnormal features that are particularly relevant to dental practice.
- Identify, prioritize and generate a list of potential patient's clinical problems.
- Analyze, interpret, and integrate collected diagnostic data to solve clinical problems based on current evidence.
- Design appropriate treatment plans for different dental problems.
- Assess and evaluate the effects of medications taken by the patient on dental management.
- Reason deductively in clinical problem solving.

5. General and Transferable Skills

The graduate must be able to:

- Work in collaboration as a member of an interdisciplinary team.
- Communicate effectively in multicultural work environment using verbal and non-verbal means.
- Recognize and effectively utilize all sources for continuing professional development and life-long learning.
- Adopt a creative attitude in an ethical and scientific approach.
- Self-evaluate professional abilities, performance, and progress.




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- Recognize professional responsibility towards the surrounding community.
- Use information technologies to enrich and diversify professional experience.
- Recognize the basic concepts of quality assurance and practice management.
- Prioritize workload and manage personal stress in the framework of proper performance and management.

INTERNS EVALUATION PROGRAM: SOPs

Guidelines:

- Every student is strictly required to maintain attendance of total internship calendar days.
- One exit exam will be taken at the end of posting in each department.
- All interns have to pass the exam to get internship clearance certificate at the end.
- Exam format is OSPE, OSCE.
- If any student fails to clear exit exam, to examine, comprehend, and handle the problem of failing students, we advocate a mentor to intern under mentor mentee programme.
- Re-examination will be taken to evaluate students again.


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