



भारतीय दन्त परिषद
Dental Council of India



AMC DENTAL COLLEGE

Khokhra, Ahmedabad 380008

Affiliated to Gujarat University

SELF STUDY REPORT (CYCLE 1) 2022-2023

CRITERIA: 2: Teaching learning and evolution

KEY INDICATOR: 2.6: Student performance and learning

METRIC: 2.6.1: The institution have stated the learning outcome (Generic and programme specific) and graduate attributes as per the provision of regulatory bodies and the university; which are communicated to students

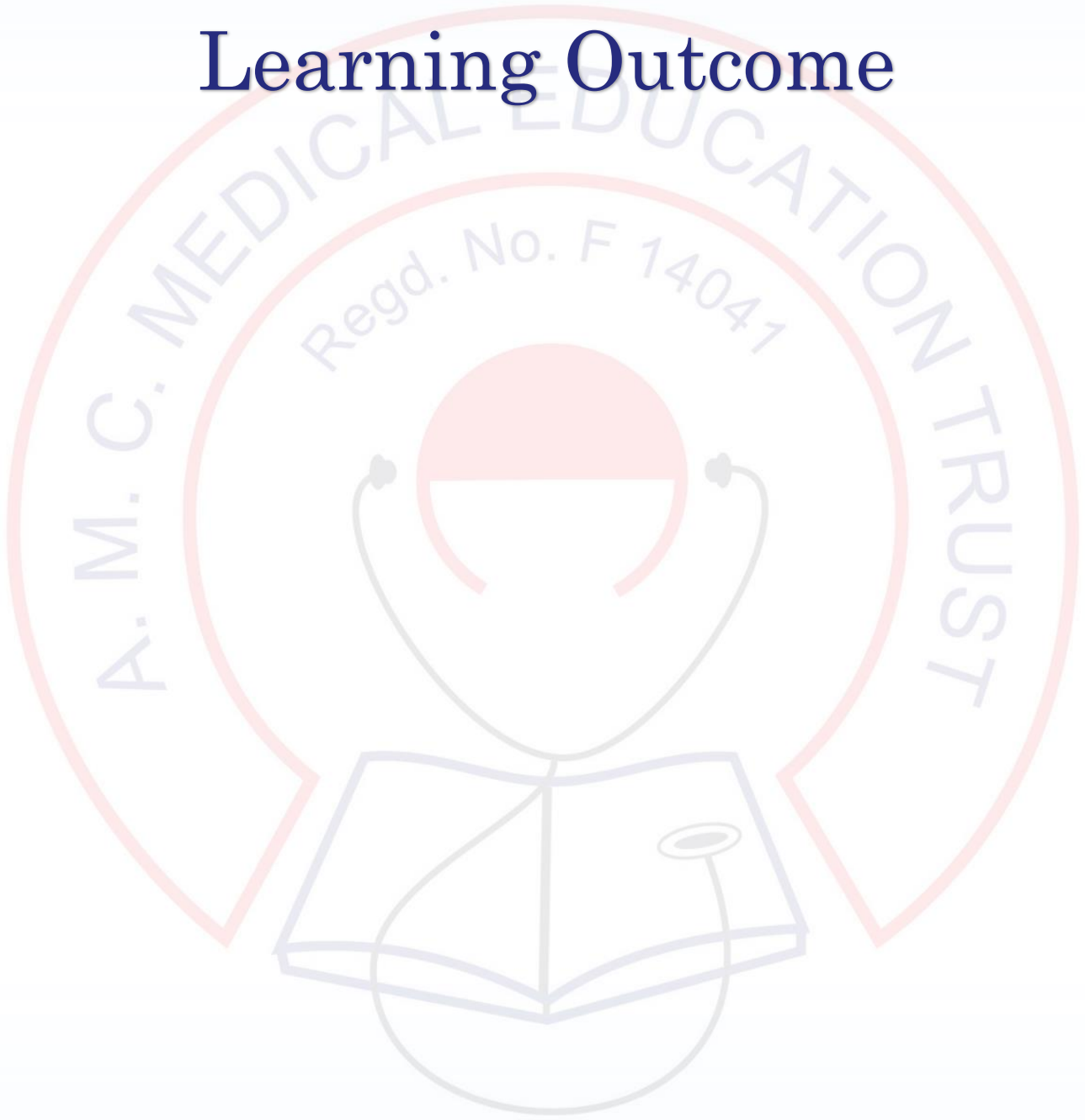


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Data

Graduate Attribute and Learning Outcome



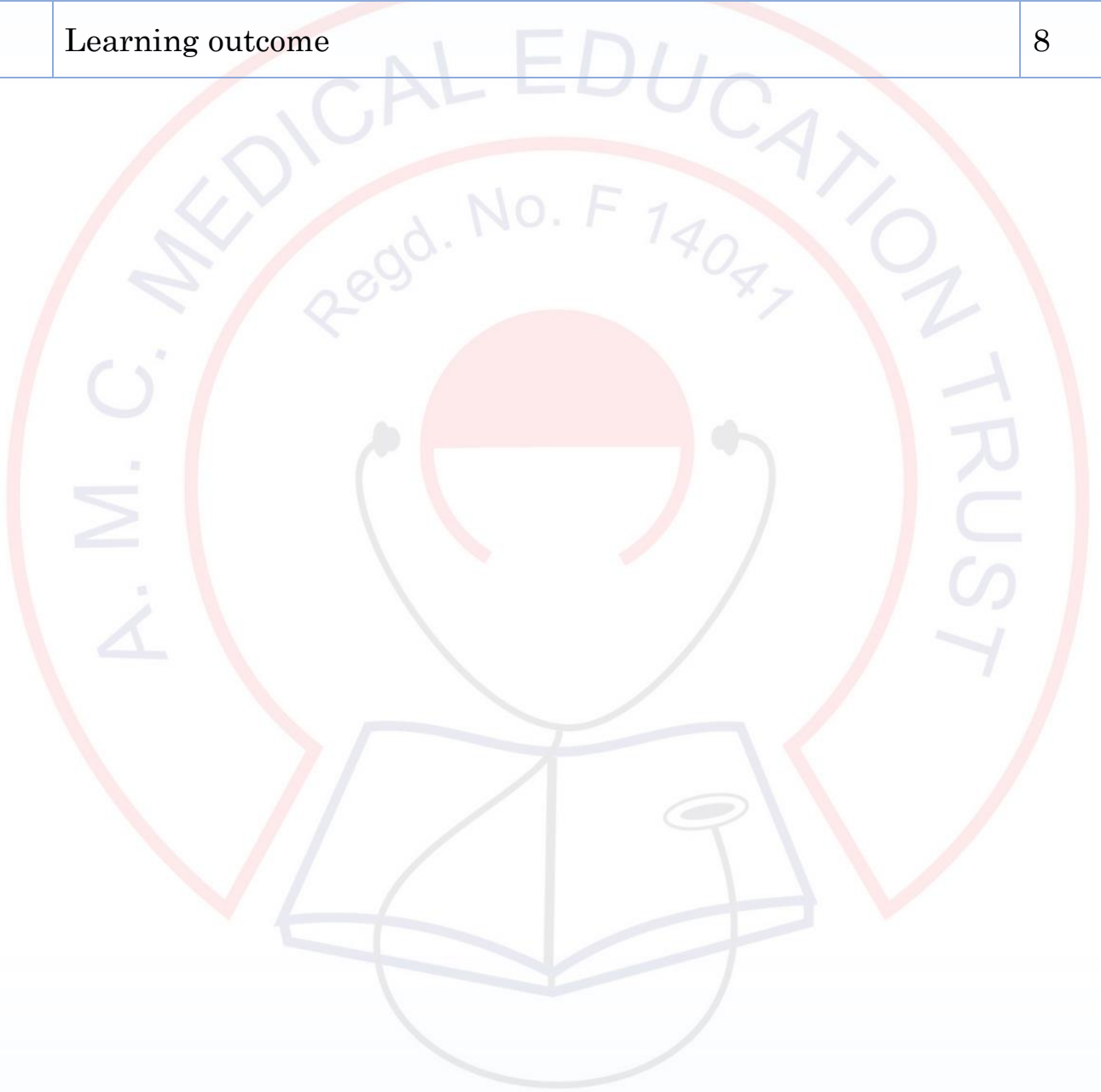


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Graduate Attribute

BDS Course

The Dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and reasonable attitudes which are required for carrying out all activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate also should understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

1. KNOWLEDGE AND UNDERSTANDING:

The graduate should acquire the following during the period of training.

1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and is able to evaluate and analyse scientifically various established facts and data.
2. Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general state of health and also bearing on physical and social wellbeing of the patient.
3. Adequate knowledge of clinical disciplines and methods which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive diagnostic and therapeutic aspects of dentistry.
4. Adequate clinical experience required for general dental practice.
5. Adequate knowledge of the constitution, biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health in so far as it affect dentistry.

2. SKILLS:

A graduate should be able to demonstrate the following skills necessary for practice of dentistry.

1. Able to diagnose and manage various common dental problems encountered in general dental practice keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.



2. Acquire the skill to prevent and manage complications if encountered while carrying out various surgical and other procedures.
3. Possess skill to carry out certain investigative procedures and ability to interpret laboratory findings.
4. Promote oral health and help prevent oral diseases where possible.
5. Competent in the control of pain and anxiety among the patients during dental treatment.

3. ATTITUDES:

A graduate should develop during the training period the following attitudes.

1. Willing to apply the current knowledge of dentistry in the best interest of the patients and the community.
2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.
4. Willingness to participate in the CPED Programmes to update the knowledge and professional skill from time to time.
5. To help and participate in the implementation of the national oral health policy.



MDS COURSES

OBJECTIVES

The objective of the post-graduate training is to train a student so as to ensure higher competence in both general and special area of interest and prepare him or her for a career in teaching, research and speciality practice. A student must achieve a high degree of clinical proficiency in the subject and develop competence in research and its methodology in the concerned field.

The objectives to be achieved by the candidate on completion of the course may be classified as under:–

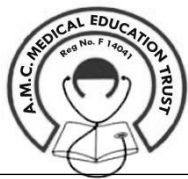
- (a) Knowledge (Cognitive domain)
- (b) Skills (Psycho motor domain)
- (c) Human values, ethical practice and communication abilities

(a) KNOWLEDGE:

- (i) demonstrate understanding of basic sciences relevant to speciality;
- (ii) Describe etiology, pathophysiology, principles of diagnosis and management of common problems within the speciality in adults and children;
- (iii) Identify social, economic, environmental and emotional determinants in a given case and take them into account for planned treatment;
- (iv) Recognize conditions that may be outside the area of speciality or competence and to refer them to the concerned specialist;
- (v) Update knowledge by self-study and by attending courses, conferences and seminars pertaining to speciality;
- (vi) Undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gathering;

(b) SKILLS:

- (i) Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition;
- (ii) Acquire adequate skills and competence in performing various procedures as required in the speciality.



(c) HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES.

- (i) Adopt ethical principles in all aspects of practice;
- (ii) Foster professional honesty and integrity;
- (iii) Deliver patient care irrespective of social status, caste, creed, or religion of the patient;
- (iv) Develop communication skills, to explain various options available and obtain a true informed consent from the patient;
- (v) Provide leadership and get the best out of his team in a congenial working atmosphere;
- (vi) Apply high moral and ethical standards while carrying out human or animal research;
- (vii) Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed;
- (viii) Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.



Learning outcome

At the completion of the undergraduate training programme the graduates shall be competent in the following

General Skills

- Apply knowledge & skills in day to day practice
- Analyse the outcome of treatment
- Evaluate the scientific literature and information to decide the treatment
- Participate and involve in professional bodies
- Self-assessment & willingness to update the knowledge & skills from time to time
- Involvement in simple research projects
- Minimum computer proficiency to enhance knowledge and skills
- Refer patients for consultation and specialized treatment
- Basic study of forensic odontology and geriatric dental problems

Practice Management

- Evaluate practice location, population dynamics & reimbursement mechanism ,Co-ordinate & supervise the activities of allied dental health personnel
- Maintain all records Implement & monitor infection control
- Practice within the scope of one's competence

Communication & Community Resources

- Assess patients goals, values and concerns to establish rapport and guide patient care
- Able to communicate freely, orally and in writing with all concerned
- Participate in improving the oral health of the individuals through community activities

Patient Care- Diagnosis

- Obtaining patient's both Dental and Medical history
- Performing thorough clinical examination
- Selection and interpretation of clinical, radiological and other diagnostic aids
- Obtaining appropriate consultation
- Arriving at provisional, differential and final diagnosis



Patient Care - Treatment Planning

- Integrate multiple disciplines into an individual comprehensive sequence treatment plan using
 1. Diagnostic and prognostic information
 2. Appropriate investigations

Patient Care Treatment

- Management of pain including pre and post-operative Administration of all forms of Local anaesthesia
- Prescription of drugs- pre operative, prophylactic and therapeutic requirements
- Administration of intra muscular and venous injections
- Uncomplicated extraction of teeth ,Transalveolar extractions and removal of simple impacted teeth
- Minor oral surgical procedures and Management of Oro-facial infections
- Simple orthodontic appliance therapy
- Taking, processing and interpretation of various types of intra oral radiographs
- Various kinds of restorative procedures using different materials available Simple endodontic procedures
- Removable and fixed prosthodontics
- Various kinds of periodontal therapy
- Recognition and initial management of medical emergencies that may occur during Dental treatment
- Perform basic cardiac life support

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