

# **Methods of Assessment of Learning Outcomes and Graduate Attributes**



## ARMY COLLEGE OF DENTAL SCIENCES

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### Methods of Assessment of learning outcomes and graduate attributes

#### Evaluation

The college adapts both objective and conventional evaluations methods to assess the attainment of dental attributes.

The objective methods like OSPE/OSCE are introduced for evaluation of student wherein the students:

1. Depths Of Knowledge
2. Clinical Skills
3. Communication skills etc. are assessed.

The conventional evaluation system:

1. Answering the set of questions
2. One on one viva-voce
3. Identification of displayed specimens in a specified time limit
4. Chair side viva
5. Case presentation
6. Pedagogy.

Specific assessment methods for each learning outcome are as follows:

S.NO	LEARNING OUTCOME	ASSESMENT METHOD
1	Apply appropriate knowledge and skills to manage common dental health problems.	Theory and Practical assessment, real time feedback, log books, records, assignments, pre and post-psychometric testing in all domains of learning are done.
2	Understand and apply principles of ethics and legal requirement governing the practice of dentistry.	theory exams, viva voce, assignments (case based learning)
3	Demonstrate the ability to refer patients for specialized treatment.	Chair side work place based assessment, log books, electronic health records
4	Evaluate practice location, population dynamics and reimbursement mechanism	short term internships in dental practices,

5	Demonstrate the skills to use contemporary technology and minimum computer proficiency for both documents record keeping and also to enhance knowledge and skills	kinesthetic learning tools (haptic feedback on different models, repetitive practice of exercises beyond quota of work allotted), log books, active faculty feedback
6	Understand basic principles of practice administration financial and personnel management to a dental practice.	short term internships in dental practices, interaction with trade representatives
7	Implement infection control and appropriate methods of waste disposal.	table clinics, experiential learning tools, theory exams, viva voce, seminars
8	Develop communication skills to assess patient goals and concerns to establish rapport and guide patient care.	chair side learning/portage, communication skills, anamnesis, electronic health records, informed consent, documentation of case details
9	Evaluate and implement preventive programs at individual and community level.	group discussions in community dynamics, sharing learning experiences, communicating health determinants to the community
10	Obtain a methodical patient history, performing thorough clinical examination and arriving at a provisional, differential and final diagnosis.	text books, journals, electronic resources, web based databases, evidence based learning & applications, journal clubs, seminars (PG program)
11	Ability to order appropriate investigation.	peer learning
12	Use the knowledge of latest trends and technology in providing dental care.	collect & collate evidences and authenticating them for application to the present scenario from Dental Education Unit
13	Acquire basic skills to deliver quality dental care and also willingness to update the knowledge and skills from time to time	student development programs, lectures, workshops/clinical society meetings, multi-disciplinary clinical audits through Scientific Academic Forum
14	Recognize and manage medical emergencies that may occur during dental treatment	simulation based learning, skill workshops



*[Signature]*  
-Principal

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