

**The Institute has Introduced
Objective Methods to Measure
and Certify Attainment of
Specific Clinical Competencies
by BDS Students/Interns**



ARMY COLLEGE OF DENTAL SCIENCES

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The Institute has Introduced Objective Methods to Measure and Certify Attainment of Specific Clinical Competencies By BDS Students/Interns As Stated In The Undergraduate Curriculum By DCI. Describe the Objective Methods Adopted by the College for the Same

COMPETENCIES

At the completion of the undergraduate program the graduates shall be competent in:

General Skills: Apply knowledge & skills in practice, apply principles of ethics, analyze the outcome of treatment, evaluate the scientific literature and information to decide the treatment. Self-assessment and willingness to update the knowledge & skills, involvement in research projects.

Practice Management: Evaluate practice location, population dynamics & reimbursement mechanism, Co-ordinate and supervise the activities of allied dental health personnel, maintain all records, infection control and Practice within the scope of one's competence.

Communication & Community Resources: Assess patient's goals, values and concerns to establish rapport and guide patient care. Able to communicate effectively with all concerned, and participate in improving the oral health of the individuals through community activities.

Patient Care:

- **Diagnosis:** Obtaining patient's history in a methodical way through clinical examination, selection and interpretation of clinical, radiological and other diagnostic information.
- **Treatment Planning:** Integrate multiple disciplines into an individual comprehensive sequence.
- **Treatment:** Executing the treatment with utmost care.

ATTAINMENT OF COMPETENCIES

The primary objective of acquiring clinical competencies is to make students excel in handling patients in all aspects of Dental Surgery.

The institution mainly focuses on training the student's preclinical skills during the initial years of study (1st and 2nd year). In the dental subjects of these years, students are trained in Carving of Tooth, Manipulation of Dental materials, Preparation of tooth models in Plaster and preparation of cavities and restoration with modeling wax, handling phantom models inclusive of preparation and restoration of the cavity in tooth, fabrication of special trays, temporary and

permanent denture bases, occlusion rims, alignment of occlusion rims on the articulator, teeth setting and processing of complete dentures.

During the 3rd and 4th year, students are posted in medical sciences (General Surgery and General Medicine) and clinical dental departments. They are evaluated in General Medicine and General Surgery by means of Practical examination to check if they are able to assess and arrive at a diagnosis of the patient.

Postings in dental clinical departments focus on training in Case history recording, processing and interpretation of radiographs, restoration of decayed teeth with suitable restorative material, oral prophylaxis, replacement of missing tooth by means of complete/partial denture, tooth preparation for fixed partial denture, to perform root canal treatment in anterior teeth, ability to deliver local anesthesia and perform tooth extraction.

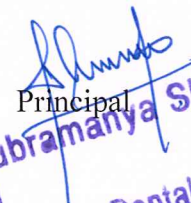
ASSESSMENT:

- **Formative Assessment:** This will evaluate the knowledge, skills and attitudes of the student throughout the academic year. Three sessional examinations are conducted periodically. In addition, the students are evaluated based on assignments, record work completion, seminars, group discussions and subject specific activities.
- **Summative Assessment:** Students of respective academic years appear for the University examinations at the end of their term.

Measurement of attainment of clinical competencies:

- **Written Examinations:** Internal assessment examinations are conducted which contains an essay, short answers and MCQs/Objective questions.
- **Clinical Examination:** OSCE/OSPE, Records books, Case history taking, Chairside Viva on case history and treatment rendered, and Grand Viva Voce.




Principal
(Dr. S Subramanya Sharma)
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