

## Methods of assessment of learning outcomes and graduate attributes

### Methods for assessing the knowledge:

- **Essay questions:** long essay questions predominantly assess the wide knowledge of particular subject and also able to assess the way of organizing, integrating and summarizing a particular topic.
- **Short answer questions:** short answer questions are useful to assess the basic knowledge of the subject
- **Academic quiz lets:** Academic quiz increases the vocabulary, creative thinking and promotes self directed learning.
- **Viva /oral:** Viva /voce helps to improve the communication skills and vocabulary.
- **Clinical case presentation:** Helps to develop certain skills like observational skill, interpretation and diagnostic skill and rational thinking. It helps to improve communication skills and doctor- patient relationship.


### Methods for assessing skills:

- **OSPE:** Observed structured practical examination helps to assess certain skills of the student.
- **OSCE:** Observed structured clinical examination helps to assess clinical skill, interpret the clinical history, interpret the investigational values.
- **Long case examination:** Long case assessment is integrated, in-depth assessment of clinical competence in a realistic setting.
- **Short case examination:** Real time examination of clinical skills in a short period of time.
- **Mini clinical examination:** Short observation during clinical patient contact (10-20 minutes) Direct observation of procedural skills: Trainee is observed by the faculty while performing the procedure independently in the hospital setup.
- **Logbook:** Keeps the record of day-today clinical work. DOPS is more reliable than logbook
- **Multisource feedback:** Feedback is obtained from teachers, paramedical staff, fellow students, patients and relatives and non-clinical staff related to communication and procedural skills.

  
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**Assessment of attitudinal and communication skills:**

- By 360 degree feedback : Feedback is obtained from various stakeholders like teachers, colleagues, staff nurses, patients and relatives in relation to way of communication, method of communication and attitude towards the patients.

  
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