

OBJECTIVE STRUCTURED PRACTICAL / CLINICAL EXAMINATION

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Session Objective

- At the end of the session we can define what is OSPE & OSCE.
- Can list merits & demerits of this testing tool.

Introduction

- Observation of students performance.
- To make an evaluation of various aspects – knowledge, interpersonal skills, attitudes etc.
- To test clinical competence by bedside, while simultaneously improving objectivity & reliability.

OSPE

- To assess the competence of students at the end of practical training.
- Procedure station – students to demonstrate the technique to observer.
- Observation station – observations from graph etc.
- Question stations – interpret the data provided.

OSCE

- Assessing clinical competence.
- May complement or replace clinical exam.

OSCE –Various clinical competance

- History taking
- Physical examinations to elicit clinical signs.
- Factual knowledge.
- Interpretation of lab results & clinical data.
- Recognition of pathology.
- Ability to formulate differential diagnosis

OSCE

- Counseling skills.
- Clinical problem solving.
- Effective prescribing of drugs & explanation of their side effects.
- Use of instruments.

Demonstration

OSCE – important steps -planning

- Skill to be assessed.
- Number of stations required to assess these skills.
- How these skills are to be assessed.
- Which marking scheme will be adopted?
- What type of personnel will be required?
- Where the examinations will take place?

Merits of OSPE and OSCE.

Examiners - check list

- Same questions for all students.
- Subjective bias ,element of chance is minimized.
- Students pay more attention to acquisition of practical and clinical skills

Drawbacks of OSPE

- Takes time.
- Team requirement.
- Once check list is ready – tutor, PG can be examiner.

Demerits of OSCE.

- Compartmental knowledge tested not holistic approach.
- Demanding on examiners.
- Patients can some times get difficult.
- Requires great deal of organisation & time in setting up the system

Summary.

- Testing tool to test competency.
- Can eliminate bias.