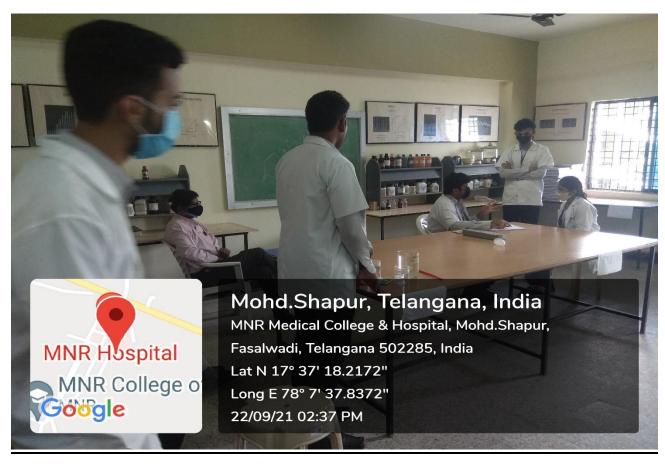
OBJECTIVE STRUCTURED PRACTICAL EXAMINATION (OSPE)



Skill Station: Testing urine for protein

Situation: Mrs. Vijaya is a 28-year-old, gravid 2, at 26 weeks of pregnancy has

confirmed and registered her pregnancy in other town, and now shifted to your town.

You have already conducted the history, physical examination and have found

everything normal. Now you will demonstrate urine test for protein as part of

investigation. You explained to the woman how to collect a clean catch specimen of

urine, gave her a labeled container, and instructed her to collect midstream urine.

CHECK LIST FOR QUANTITATIVE EXPERIMENT

| Topic | Max marks | Marks obtained |
|---|--------------|-------------------|
| Identifies the test method | 2 | |
| Explains the principle | 2 | |
| Explains the procedure | 2 | |
| Accurate use of micropipette | 2 | |
| Does steps done in order | 3 | |
| Takes the reading using semi autoanalyser/colorimeter | 2 | |
| Performs the given test with accurate | 3 | |
| value/close to true value | | |
| Interprets the result | 2 | |
| Cautious of personal safety | 2 | |
| Total | 20 | |

| Studen | nt Regd. Number: Date: | | | |
|---|--|---------------------|--------------|--|
| Obsertheir co | vation: Observe if the participant is performing the following storrect sequence (as necessary) and technique. "1" for each point conducted correctly or mark "0" if the task is | eps of testing urin | | |
| | ate the score. | Score 1/0 | Remarks | |
| S.No | STEP/TASK | Score 1/ 0 | Remarks | |
| 1 | Fill three-fourths of the test-tube with urine and heat the | F | | |
| | upper third of the urine over the spirit lamp and allow it to boil. | | | |
| 2 | Turbidity of the sample indicates the presence of either phosphate or albumin. | | | |
| 3 Add 2-3 drops of 2%-3% acetic acid drop by drop into the test-tube. | | | | |
| 4 | Observe the sample and interpret. | | | |
| 5 | Explain & record result. | | | |
| | Objective Structured Practical Examinatio | n (OSPE) | | |
| Skill St Observ heir con Score " | t Regd. Number: | | | |
| S.No | STEP/TASK | Score 1/0 | Remarks | |
| 1 | Fill three-fourths of the test-tube with urine and heat the upper third of the urine over the spirit lamp and allow it to boil. | | | |
| 2 | Turbidity of the sample indicates the presence of either phosphate or albumin. | | | |
| 3 | Add 2-3 drops of 2%-3% acetic acid drop by drop into the test-tube. | | | |

Student Score =

5

Observe the sample and interpret.

Explain & record result.

Skill Station: Testing urine for glucose

Situation: Mrs. Ranjini is a 28-year-old, has come today to you for her first ANC

visit and registration. You have already conducted the history, physical examination

and have found everything normal. Now you will demonstrate urine test for sugar as

part of investigation.

You explained to the woman how to collect a clean catch specimen of urine and gave

her a labeled container and instructed her to collect midstream urine.

CHECK LIST FOR QUALITATIVE EXPERIMENT

| Topic | Max marks | Marks obtained |
|---------------------------------------|--------------|-------------------|
| Identifies the test method | 2 | |
| Explains the principle | 2 | |
| Explains the procedure | 2 | |
| Accurate use of micropipette | 2 | |
| Does steps done in order | 3 | |
| Takes tota chainste describe | 2 | |
| Performs the given test with accurate | 3 | |
| Interprets the result | 2 | V. |
| Cautious of personal safety | 2 | |
| Total | 20 | |

| Studer | nt Regd. Number: Date: | all confined permanent of the confined and the confined and | |
|----------------------------|---|---|--|
| Observe their co | tation: Testing urine for glucose vation: Observe if the participant is performing the following steprrect sequence (as necessary) and technique. 1" for each point conducted correctly or mark "0" if the task is referred. | | |
| calcula | te the Score. | ici done or meor | rectify done and |
| S.No | STEP/TASK | Score 1/0 | Remarks |
| 1 | Take 5 ml of Benedict solution in a test-tube; Boil it over the bunsen burner, holding the test-tube away from your face. | ett protein ikkelingsklasserptekkent och makste protoum ethologische keljorische | de de articulativis y de frá armour en indexenta, frant de maille apois galants de résponsementaments |
| 2 | Add 8 drops of urine with the help of a dropper. Shake it well and boil. | | PRESE THE MATERIAL STREET, AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS |
| 3 | Allow it to cool and observe the color. | and an intermediate and the photoderical filtry fractions and computationar beneathers. | |
| 4 | Interpretations: Green precipitate: + Green liquid with yellow deposits: ++ Colorless liquid with orange deposits: +++ Brick red: ++++ or more sugar No precipitate: No sugar | | |
| 5 | Explain & record result. | | |
| | Objective Structured Practical Examination | (OSPE) | |
| Studen | t Regd. Number: Date: | | |
| Observation of the Core "1 | ation: Testing urine for glucose ation: Observe if the participant is performing the following step rect sequence (as necessary) and technique. I" for each point conducted correctly or mark "0" if the task is no | | |
| alculate | e the Score. | | 1.00 |
| S.No | STEP/TASK | Score 1/0 | Remarks |
| 1 | Take 5 ml of Benedict solution in a test-tube; Boil it over the bunsen burner, holding the test-tube away from your face. | | |
| 2 | Add 8 drops of urine with the help of a dropper. Shake it | | |

| S.No | STEP/TASK | Score 1/0 | Remarks | | |
|------|---|-----------|---------|--|--|
| 1 | Take 5 ml of Benedict solution in a test-tube; Boil it over the | | | | |
| - | bunsen burner, holding the test-tube away from your face. | | | | |
| 2 | Add 8 drops of urine with the help of a dropper. Shake it | | | | |
| | well and boil. | | | | |
| 3 | Allow it to cool and observe the color. | | | | |
| 4 | Interpretations: | | | | |
| | Green precipitate: + | | | | |
| | Green liquid with yellow deposits: ++ | | | | |
| | Colorless liquid with orange deposits: +++ | | | | |
| | Brick red: ++++ or more sugar | | | | |
| | No precipitate: No sugar | | | | |
| 5 | Explain & record result. | | | | |

| S | tue | dent | Score | === |
|---|-----|------|-------|-----|
|---|-----|------|-------|-----|