



Student questionnaire concerning their learning and clinical reasoning experiences with virtual patients

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About this questionnaire

This questionnaire is for students to evaluate their experiences with virtual patients, focusing on the development of clinical reasoning skills.

This questionnaire contains 14 items clustered into seven subsets. This instrument can be repeatedly administered to elicit student's experiences immediately following each workshop or 'play' of a virtual patient.

Please respond using the following 5-point scale:

- 1) Strongly disagree
- 2) Disagree
- 3) Neutral
- 4) Agree
- 5) Strongly agree
- 6) Not applicable

Please indicate briefly the reason(s) for your response for each question (optional).

Example:

While working on this case, I felt as if I were the doctor caring for this patient.

Strongly disagree ----- Strongly agree Not applicable

1 2 3 4 5
6

Why (if you agree):

Why not (if you disagree):

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3. www.virtualpatients.eu

Authenticity of patient encounter and the consultation

1. While working on this case, I felt I had to make the same decisions a doctor would make in real life.
2. While working on this case, I felt I were the doctor caring for this patient.

Professional approach in the consultation

3. While working through this case, I was actively engaged in gathering the information (e.g., history questions, physical exams, lab tests) I needed, to characterize the patient's problem.
4. While working through this case, I was actively engaged in revising my initial image of the patient's problem as new information became available.
5. While working through this case, I was actively engaged in creating a short summary of the patient's problem using medical terms.
6. While working through this case, I was actively engaged in thinking about which findings supported or refuted each diagnosis in my differential diagnosis.

Coaching during consultation

7. I felt that the case was at the appropriate level of difficulty for my level of training.
8. The questions I was asked while working through this case were helpful in enhancing my diagnostic reasoning in this case.
9. The feedback I received was helpful in enhancing my diagnostic reasoning in this case.

Learning effect of consultation

10. After completing this case, I feel better prepared to confirm a diagnosis and exclude differential diagnoses in a real life patient with this complaint.

11. After completing this case I feel better prepared to care for a real life patient with this complaint.

Overall judgment of case workup

12. Overall, working through this case was a worthwhile learning experience.

Open-ended questions

13. Special strengths of the case:

14. Special weaknesses of the case:

15. Any additional comments: