

Appendix C Evaluation Questionnaire

The questionnaire should take about 10 - 15 minutes to complete.

PART A

Background

Please tick ✓ the relevant box.

1. Sex: Male Female

2. Age: ___ Years

3. Current year in medical course 1 2 3 4

4. Have you previously used a computer based virtual patient simulator, apart from the clinical reasoning guide used for PBL cases in Years 3 and 4?
 - YGo to question 5.
 - NGo to question 6.

5. Which virtual patient simulators have you used?

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6. In your medical course, have you had previous experience with the management of hyperlipidaemia?
 - Y
 - N

7. In your medical course, have you had previous experience with the management of Glycogen Storage Disease s?
 - Y
 - N

Comments:

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PART B

Please rate the following statements using the following scale by circling the appropriate number:

1. Strongly disagree
2. Disagree
3. Neither agree or disagree
4. Agree
5. Strongly agree

| | Strongly disagree | | Rating | | Strongly agree | | | | |
|---|----------------------|--|---------------|--|-------------------|--|---|--|---|
| 1. I found it easy to learn how to use the application. | 1 | | 2 | | 3 | | 4 | | 5 |
| 2. Navigation through the case was clear and intuitive. | 1 | | 2 | | 3 | | 4 | | 5 |
| Other comments on ease of use: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 3. I did not find it easy to ask the patient questions. | 1 | | 2 | | 3 | | 4 | | 5 |
| 4. I preferred to ask questions by typing in my questions than selecting from the category lists. | 1 | | 2 | | 3 | | 4 | | 5 |
| 5. The application was able to recognise most of the questions I asked. | 1 | | 2 | | 3 | | 4 | | 5 |
| 6. I found it easy to examine the patient. | 1 | | 2 | | 3 | | 4 | | 5 |
| 7. The specific action of each examination tool button was difficult to interpret. | 1 | | 2 | | 3 | | 4 | | 5 |
| 8. It was easy to order investigations. | 1 | | 2 | | 3 | | 4 | | 5 |
| 9. I found using a list box to select investigations was satisfactory. | 1 | | 2 | | 3 | | 4 | | 5 |
| 10. It was easy to order management options. | 1 | | 2 | | 3 | | 4 | | 5 |
| 11. Most of my management requests were recognised. | 1 | | 2 | | 3 | | 4 | | 5 |
| Other comments on ease of interacting: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 12. The review screen was difficult to use. | 1 | | 2 | | 3 | | 4 | | 5 |

| | Strongly disagree | | Rating | | Strongly agree |
|---|----------------------|---|---------------|---|-------------------|
| | 1 | 2 | 3 | 4 | 5 |
| 13. I found having to classify the importance of my questions and actions helped me to reflect on their usefulness. | 1 | 2 | 3 | 4 | 5 |
| 14. I found having to classify the importance of my questions and actions frustrating. | 1 | 2 | 3 | 4 | 5 |
| 15. The bar graph was easy to understand. | 1 | 2 | 3 | 4 | 5 |
| 16. The bar graph provided useful information. | 1 | 2 | 3 | 4 | 5 |
| 17. The pie graph was easy to understand. | 1 | 2 | 3 | 4 | 5 |
| 18. The pie graph provided useful information. | 1 | 2 | 3 | 4 | 5 |
| 19. The line graph was easy to understand. | 1 | 2 | 3 | 4 | 5 |
| 20. The line graph provided useful information. | 1 | 2 | 3 | 4 | 5 |
| 21. It was difficult to know what items were critical to the diagnosis or management of the patient from the graph generated in the feedback. | 1 | 2 | 3 | 4 | 5 |
| 22. The review screens helped me reflect on the important diagnostic and management issues involved in this case. | 1 | 2 | 3 | 4 | 5 |
| Other comments on reflection: | | | | | |
| | | | | | |
| | | | | | |
| 23. Having multiple consultations made the case more realistic. | 1 | 2 | 3 | 4 | 5 |
| 24. Having multiple consultations made the case tedious. | 1 | 2 | 3 | 4 | 5 |
| Other comments on multiple consultations: | | | | | |
| | | | | | |
| | | | | | |
| 25. I have a greater understanding of the management of hypertriglyceridaemia having completed the case. | 1 | 2 | 3 | 4 | 5 |
| 26. I have a greater understanding of the causes of hypertriglyceridaemia having completed the case. | 1 | 2 | 3 | 4 | 5 |
| 27. The case was relevant to the understanding of hypertriglyceridaemia. | 1 | 2 | 3 | 4 | 5 |
| 28. I found this was an interesting case. | 1 | 2 | 3 | 4 | 5 |

PART C

What was the thing you liked best about this simulator?

What was the thing you liked least about the simulator?

What did you learn from doing this case?

Additional Comments

If you need more space, please use the following blank page.