

Courseware Demonstrating the Dietary Sugar and Oil to the Development of Diabetes Mellitus

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Background:

Dietary sugar and oil are those important nutrients to all of us, especially to those patients who are pre-diabetes or chronic diabetes. It is important to provide clear concepts about the relationship between diabetes and dietary nutrients intake to the medical/non-medical students.

Methodology:

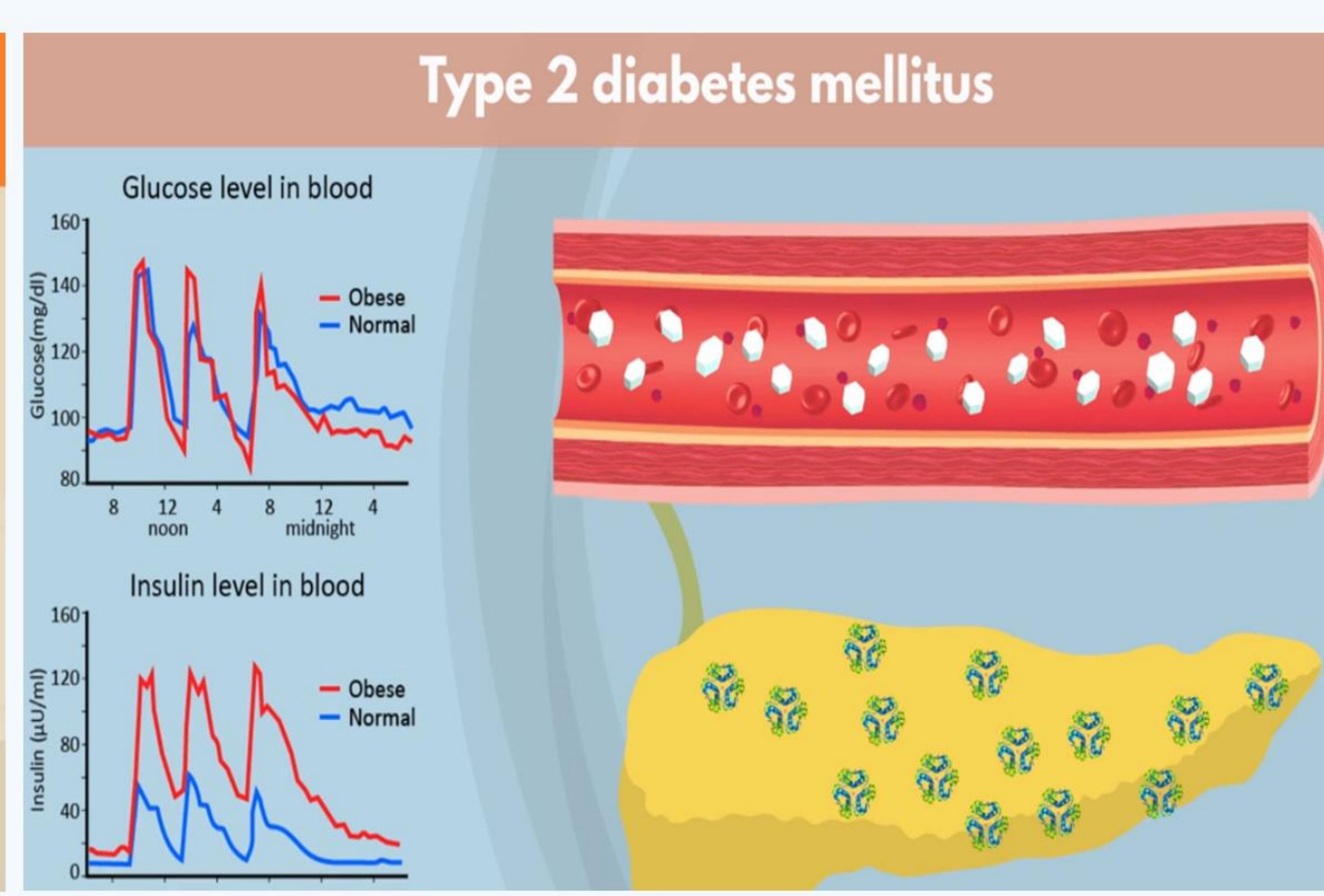
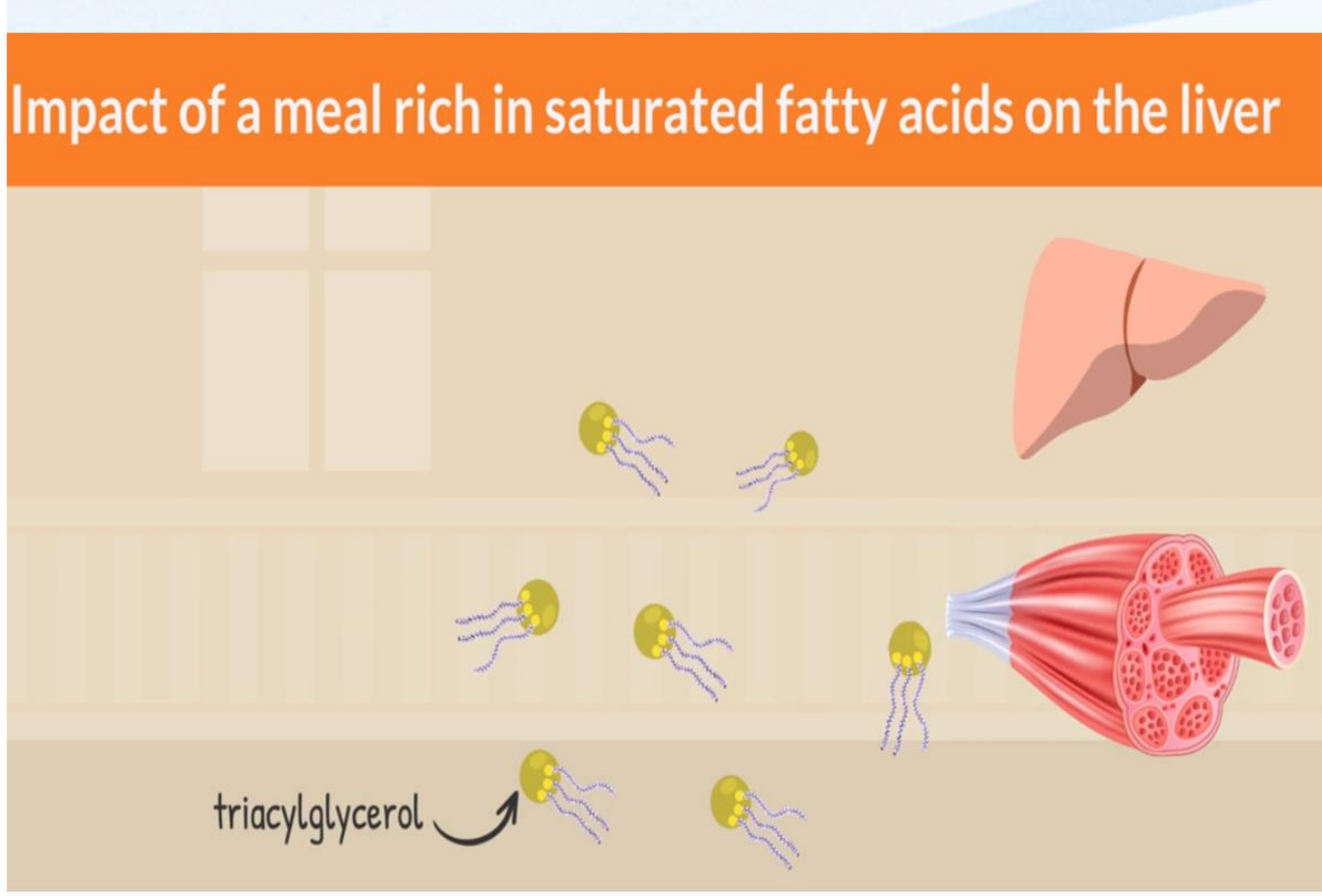
Our project created total 3 videos describing the relationship between diabetes and dietary nutrients intake and how we can monitor the diabetic index in patients. The orders of each video were aligned with the lecture contents of corresponding course (MEDU2600 – Molecular Medicine and Genetics) and the students were encouraged to review the videos before and after face-to-face lectures. The videos were accessible all the time at CUHK blackboard and feedbacks from students via e-survey would be accumulated for completed data analysis.

Findings:

The main areas of e-survey were reflecting the (i) usefulness, (ii) impact and (iii) effectiveness of all 3 videos from the year 2 medical students during the study of dietary nutrients intake and development of diabetes mellitus at MEDU2600 – Molecular Medicine and Genetics. Students appreciated this user-friendly courseware explaining the complicated concepts of diabetes mellitus and dietary nutrients intake which are very important and correlated to their preclinical studies in the medical curriculum.



Snapshots of All Three Videos



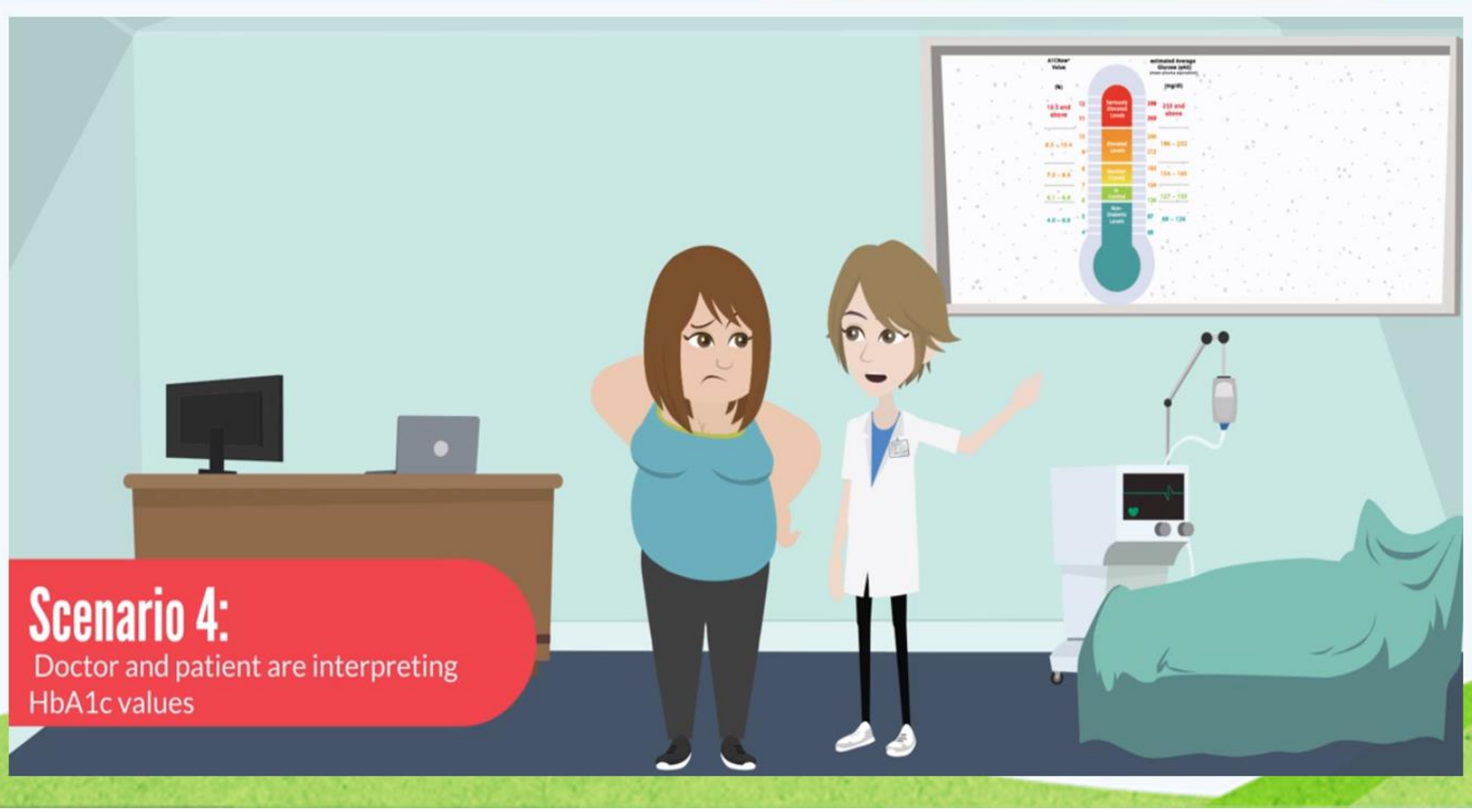
They are informative and easy to use!

They can keep my attention and interest!

I would recommend these videos to other classmates!

I would read further of certain topics appeared in those micro-modules.

Video 1



Video 2

Video 3

Acknowledgement:

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