

Dietary fats, like proteins and carbohydrates, are one of the important nutrients to all of us. It is important to provide clear concepts and basic knowledge of dietary fats to the medical/non-medical students. While studying the dietary fat metabolism, students may feel frustrated as the mechanism is not easy to pick up.

Our project created total four micro-module videos describing the dietary fat metabolisms in human body. In each micro-module, the contents are covering the basic knowledge and necessary information to equip year 2 medical students with preclinical studies.

The orders of each micro-modules are aligned with the lecture contents of corresponding course (MEDU2600 – Molecular Medicine and Genetics) and the students are encouraged to review the videos before and after face-to-face lectures.

The videos are accessible all the time at CUHK blackboard and feedbacks from students via e-survey will be accumulated for completed data analysis at Term I of 2018-19. The main areas of e-survey are reflecting the (i) usefulness, (ii) impact and (iii) effectiveness of all four micro-modules from the year 2 medical students during the study of dietary fat metabolisms at MEDU2600 – Molecular Medicine and Genetics.

We expect that the data collected for analysis will indicate the strengths and weaknesses of this project and we can improve our future elearning projects based on the student's recommendations.