

Additional file 1

Chong et. al. Understanding clinical biochemistry through case-based concept mapping by the students

The individual clinical biochemistry modules over the 12-week teaching period

Week	Module
1 – 3	<i>Laboratory management</i> ° Pre-analytical, analytical and post-analytical phases of medical laboratory diagnostic testing
4 – 12	<i>Core clinical biochemistry</i> ° Sodium and water ° Potassium ° Acid-base regulation ° Renal function ° Diabetes mellitus and hypoglycaemia ° Lipids and cardiovascular disease ° Endocrinology ° Calcium ° Liver function and bilirubin

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The course experience survey questions evaluating students' opinions on the quality of teaching (Mean Good Teaching Score – mGTS) and overall satisfaction (Mean Overall Satisfaction Index – mOSI)

Course experience survey (CES) items:

Quality of teaching (mGTS)

- The teaching staff are extremely good at explaining things.
- The teaching staff normally give me helpful feedback on how I am going in this course.
- The teaching staff in this course motivate me to do my best work.
- The teaching staff work hard to make this course interesting.
- The staff make a real effort to understand difficulties I might be having with my work.
- The staff put a lot of time into commenting on my work.

Student satisfaction (mOSI)

- Overall, I am satisfied with the quality of this course.
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