

Project title: Perception towards Anatomy Teaching with Cadaver

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Summary for the IMU-LTIG Report (Please summarize the project objectives, significant results achieved, research approach and team structure)

This study aimed to determine the students' perceptions towards cadaver-based learning in anatomy and to assess covert learning outcomes of the students' views on cadaver-based learning in anatomy. A cross-sectional survey was done using a pre-tested, self-administered questionnaire. A cohort of students studying gastrointestinal module in year 2 medical programme at the International Medical University, Malaysia were participated in the survey. The questionnaire covered sociodemographic information, feelings experienced in cadaver-based learning in anatomy and covert educational value of cadaver-based learning in anatomy. The response rate was 62.4% (133/213). Of the 133 respondents, the majority (76.7%) was being females. Almost all (98.5%) had ranked their own interest as well as parents suggestion as the reason for undertaking medical programme. Majority of the respondents preferred cadaver-based learning and this was comparable between male and females students ($p = 0.552$). We have summarized the covert learning outcomes; students participated in this study had described a series of covert learning outcomes from cadaver (specimen). Those that related to knowledge included 'reduced time I need to understand anatomy' 'definitely helped me understanding of surface anatomy'; those that related to skills included "team-based learning", "small group learning"; those that related to attitude included 'respect for the physical body', 'willing to donate my body for dissection and research purpose in a medical education'; 'learning anatomy in a system-based sequence is more appropriate for my needs during preclinical training'.

Objectives achievement

- **Original project objectives**

1. To provide baseline information on updating of the curriculum of anatomy.
2. To strengthen the research capacity of Faculty members.

- **Objectives achieved**

Both objectives are achieved. Based on available data, we have presented a poster at the 15TH OTTAWA CONFERENCE, KL IN MARCH 2012. We have reported the study addressing the two objectives: to determine the students' perceptions towards cadaver-based learning in anatomy and to assess covert learning outcomes of the students' views on cadaver-based learning in anatomy.