**Student’s perception and experience of a new knowledge-swap method of teaching and learning in medical education: An adaptation of a Swedish method**

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**Aim**

The aim of this study was to evaluate a new teaching method to increase teaching efficiency without increasing student workload in undergraduate (UG) medical curriculum.

**Background**

A vital factor in medical school is whether or not there is an appropriate curriculum to ensure student success (1, 2). When students struggle academically, the probability of drop out increases (3). Therefore, understanding of impact of curriculum design on academic failure is important to actively prevent dropout rate (4).

In this study, our objective is to increase student satisfaction by implementing new changes or restructuring the medical curriculum to achieve the highest level of student satisfaction to improve student retention.

**Design of Knowledge-swap method**

Knowledge-swap method allowed students to gain knowledge on the whole body instead of only the allocated quarter by a structured knowledge exchange session and also swapping the allocated cadaver (quarter).

**Conclusions**

- This innovative unique teaching approach increases the teaching efficiency by a student-centered active learning method without increasing the student workload to help long term student retention.
- This method is also useful to reduce staff working hours, thereby would reduce institutional costs.
- We hope, in the future, this method may be adopted for medical students as a useful teaching method across various institutes to increase teaching efficiency without increasing the workload.

**Results**

A new knowledge-swap method of teaching and learning was partially adopted from a Swedish method which was successfully developed and implemented in a human cadaver based 3rd year MBChB dissection based course (ME33HA) over a 3 week period. At the end of the course data was collected by anonymous student survey from each student and coded and analysed to identify the key findings. From the student perspective, the knowledge-swap method was useful to increase students learning experience without increasing their workload. On the other hand, a PubMed based literature search revealed it as not very popular among the medical students.

**Acknowledgements**

Funding under Picard if not his management and reviewing the poster- Department of Anatomy and all the staff who helped to run the course.

**References**