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## **Learning in the Laboratory: How Medical Students Appraise the Educational Environment**

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### **Background**

Learning in the laboratory has been carried out as one of UMI medical students' activity where they are trained to use variance of sense organs and of tools to make examination of cases. As one of activity, it needs educational environment that has an impact on learning, wellbeing, student involvement, faculty and learner satisfaction, successful performance, and faculty teaching. A few things that can be considered part of the educational environment are physical facilities, teaching methodologies, assessment procedures, timetabling, teacher's competencies etc.

### **Aims**

The aim of this study is to discover the implementation of learning in the laboratory from students' point of view.

### **Methods**

This study is using cross sectional approach where data obtained from questionnaire collected in a link from google form. Research subjects are students of class 2017 (127 students) and 2018 (175 students). Data then analyzed by descriptive statistics and Mann Whitney test.

### **Results**

The questionnaire consisted of three components. In general, students have good appraisal about educational environment with higher value in the class 2018. Based on students' class, significant difference was only found in the aspects of information, facilities and infrastructure ( $p = 0.002$ ). While from the aspect of human resources and aspects of learning resources and examinations there were no significant differences between the classes of 2017 and 2018 ( $p = 0.079$  and  $p = 0.052$  in sequence)

### **Conclusion**

It is reasonable to expect student groups will experience the educational environment in different ways. The difference of appraisal in the aspect of information, facilities and infrastructure between the classes of 2017 and 2018 shows that there is an improvement in those aspects.