

ANZAHPE-AMEA 2015 CONFERENCE



Australian & New Zealand Association for Health Professional Educators
Newcastle City Hall, Newcastle, 29 March – 31 March, 2015
Stakeholder Engagement in Health Professional Education



Asian Medical Education Association Conference
Newcastle City Hall, Newcastle, 30 March – 1 April, 2015
New Directions in Patient-Centred Medical Education

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Student Selection Method And Academic Achievement

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Introduction/ Background

Faculty of Dentistry Andalas University has two student selection methods; highly competitive national selection system and local selection. Local selection is conducted to fulfil community's demand on dentistry training and to increase funding for the Faculty. The Faculty is able to improve its laboratories facilities and learning equipment using tuition fee paid by students selected through local entry examination. Students selected through local examination commonly have lower academic capacity than students selected through national selection system. Even though they are selected through two different methods, they have the same teaching and learning activities in the same class, and they were mixed within Problem-Based Learning (PBL) tutorial groups.

Purpose/Objectives

This study aims at determining the impact of the different student selection process on student academic achievement.

Method or Issues for exploration/ideas for discussion

We analysed the academic index of 2009 entry students. We calculated the academic index average of both groups. Then we found out the relationship of student entry model and their academic index using chi-square test.

Results

The academic index average of the national selected students were slightly better than the local selected group; 3.11 compared to 3 (max 4). However, the difference was not significant statistically ($p=0.930$).

Conclusion

The impact of the different student selection methods on student academic achievement was still unclear. Teaching and learning process also had a potential to contribute to student academic achievement. PBL method could enable students to learn together and to help each other so that by mixing the two groups during the teaching and learning activities could benefit all students involved in the process.

Key words: Medical student selection, Problem Based Learning, Peer learning



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This is to certify that

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STUDENT SELECTION METHOD AND ACADEMIC ACHIEVEMENT

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Introduction

- ❑ Faculty of Dentistry Andalas University has two student selection methods; highly competitive national selection system and local selection.
- ❑ Local selection is conducted to fulfil community's demand on dentistry training and to increase funding for the Faculty.
- ❑ The Faculty is able to improve its laboratories facilities and learning equipment using tuition fee paid by students selected through local entry examination.
- ❑ Students selected through local examination commonly have lower academic capacity than students selected through national selection system.
- ❑ Even though they are selected through two different methods, they have the same teaching and learning activities in the same class, and they were mixed within Problem-Based Learning (PBL) tutorial groups.

Aims

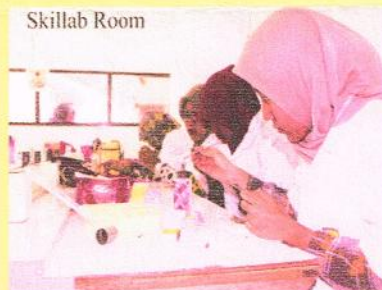
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Methods

We analysed the academic index of 2009 entry students. We calculated the academic index average of both groups. Then we found out the relationship of student entry model and their academic index using chi-square test.

Skillab Room



Results

- ❑ The academic index average of the national selected students were slightly better than the local selected group; 3.11 compared to 3 (max 4).
- ❑ However, the difference was not significant statistically ($p=0.930$).

Conclusion and Implication

- ❑ The impact of the different student selection methods on student academic achievement was unclear.
- ❑ Teaching and learning process also had a potential to contribute to student academic achievement.
- ❑ PBL method could enable students to learn together and to help each other so that by mixing the two groups during the teaching and learning activities could benefit all students involved in the process.

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