

## **ABSTRACT**

# **THE RELATION BETWEEN A LEARNING ENVIRONMENT TOWARDS THE ACTIVE LEARNING AND CRITICAL THINKING ON THE FIRST-YEAR STUDENTS IN MEDICAL FACULTY OF LAMPUNG UNIVERSITY IN 2017**

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**Background:** Learning environment is one of the most important factor which defines the learning effectiveness that the quality of learning environment shows the learning quality. Learning environment depends on personal qualities of undergraduate students to interact between themselves that the active learning and critical thinking can be well achieved. The main objective of this study is to determine the correlations between a learning environment towards the active learning and critical thinking on the first-year students in Medical Faculty of Lampung University in 2017.

**Methods:** The study was done using the cross-sectional techniques. The total of 141 first-year students of Medical Faculty of Lampung University were included by total sampling. This study required a Dundee Ready Educational Environment (DREEM) questionnaire and Self-Assessment Scale on Active Learning and Critical Thinking (SSACT). A statistical Chi-Square test was used in analyzing the data.

**Results:** The perceptions of the first-year students of Medical Faculty of Lampung University Academic Year 2017 of learning environment is satisfying (46,8%) with the high amount of active learning and critical thinking (56,7%). p value is 0.020 (<0.05), which means statistically significant, is achieved based on bivariate analysis of Chi-Square test

**Conclusions:** There is a correlation between a learning environment towards the active learning and critical thinking on the first-year students in Medical Faculty of Lampung University Academic Year 2017.

Keywords: Active learning, critical thinking, DREEM, learning environment, SSACT

## **ABSTRAK**

### **HUBUNGAN LINGKUNGAN BELAJAR DENGAN *ACTIVE LEARNING* DAN *Critical thinking* PADA MAHASISWA TINGKAT PERTAMA DI FAKULTAS KEDOKTERAN UNIVERSITAS LAMPUNG TAHUN 2017**

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**Latar belakang:** Lingkungan pembelajaran merupakan salah satu faktor penentu yang paling penting dari pembelajaran yang efektif sehingga kualitas lingkungan pembelajaran mencerminkan kualitas pembelajaran. Lingkungan belajar juga bergantung pada kualitas pribadi mahasiswa untuk berinteraksi antar mahasiswa agar *active learning* dan *critical thinking* dapat tercapai dengan baik. Penelitian ini bertujuan untuk mengetahui hubungan lingkungan belajar dengan *active learning* dan *critical thinking* pada mahasiswa tingkat pertama di Fakultas Kedokteran Universitas Lampung tahun 2017.

**Metode Penelitian:** Penelitian ini menggunakan pendekatan *cross-sectional study*. Sampel penelitian ini terdiri dari 141 mahasiswa angkatan 2017 yang ditentukan dengan *total sampling*. Penelitian ini menggunakan alat ukur berupa kuesioner *Dundee Ready Educational Environment* (DREEM) dan *Self Assessment Scale on Active Learning And Critical Thinking* (SSACT). Analisis data menggunakan uji *Chi-Square*.

**Hasil penelitian:** Hasil penelitian menunjukkan bahwa persepsi mahasiswa tentang lingkungan belajar sebagian besar memuaskan (46,8%) serta *active learning* dan *critical thinking* mahasiswa sebagian besar dalam kategori tinggi (56,7%). Berdasarkan analisis bivariat dengan uji *Chi-Square* didapatkan nilai *p* 0,020 (<0,05) artinya didapatkan hubungan yang bermakna.

**Kesimpulan:** Terdapat hubungan antara lingkungan belajar dengan *active learning* dan *critical thinking* pada mahasiswa tingkat pertama di Fakultas Kedokteran Universitas Lampung tahun 2017.

Kata kunci: *Active learning*, *critical thinking*, DREEM, lingkungan belajar, SSACT.