

ANDI TIARA CAHAYA MULIA MAPPATOBA, NIM 10542 11095 17

**THE EFFECT OF THE USE OF SIMULATION PATIENTS WITH  
SIMULATION-BASED LEARNING TO IMPROVE CLINICAL SKILLS  
OF MEDICAL STUDENTS IN EMERGENCY STUDENTS**  
(84 pages, 4 tables, 3 picture, 5 attachments)

**ABSTRACT**

**Background :** One of the means to expose medical students to materials for emergencies is through lab skills. Learning activities with the simulation method are one of the methods that allow students to actively learn to appreciate, understand, and acquire certain skills without requiring actual objects or situations. A simulation patient (standardized patient) is someone who is trained to demonstrate a sick condition through body language, physical condition and personality in order to provide teaching and description to medical students about a disease. Simulation-based learning methods are one of the most useful learning methods for improving the clinical skills of a medical student. One of the fields in medicine that requires the perpetrators to have good clinical skills is the emergency field. Therefore, simulation-based learning methods for emergency materials need to be considered for their quality, one way is to ensure the quality of the simulated patients used.

**Purpose :** This is to determine the effect of using simulated patients and simulation-based learning to improve the performance of medical students' clinical skills in the emergency field.

**Method :** This study was an observational analytic study with a cross sectional design. Samples from the study were students of the medical faculty of Muhammadiyah University of 2016 and 2015.

**Result :** Based on the results of the analysis, the values of  $p = 0,201$  and  $p = 0,151$  were obtained, so that there was no relationship between the use of simulation patients and simulation-based learning to improve the performance of medical students' clinical skills in the emergency field.

**Conclusion :** tidak terdapat adanya pengaruh penggunaan pasien simulasi dan pembelajaran berbasis simulasi untuk meningkatkan performa keterampilan klinis mahasiswa kedokteran dalam bidang kegawatdaruratan.

**Key words :** *Simulation patients, clinical skills, clinical skills performance*