

**FACULTY OF MEDICAL AND HEALTH SCIENCES  
UNIVERSITY OF MUHAMMADIYAH MAKASSAR  
Undergraduate Thesis, February 2021**

Ryas Haq Muhammad<sup>1</sup>, Dr. dr. Ami Febriza, M.Kes<sup>2</sup>

<sup>1</sup>Student of the Faculty of Medical and Health Sciences, University of Muhammadiyah Makassar, batch 2017/email [ryashaqmuhammad@gmail.com](mailto:ryashaqmuhammad@gmail.com)

<sup>2</sup>Advisor

**“THE CORRELATION BETWEEN LEARNING STYLES OF  
SENSORY PREFERENCE AND ACADEMIC ACHIEVEMENT IN  
ONLINE BASED LEARNING AT MEDICAL FACULTY  
STUDENT BATCH 2017-2019”**

(xi + 37 Pages + 2 Tables + 4 Pictures + 4 Appendices)

**ABSTRACT**

*This research was done in University of Muhammadiyah Makassar with the aim to determine the correlation between learning styles of sensory preference and academic achievement in online based Learning at medical faculty student batch 2017-2019. The method used in this research is a observational method with cross sectional approach. The population for this study were medical faculty students batch 2017-2019, the sampling technique used was simple random sampling with the number of research subjects as much as 183 respondents. Collecting data using the student's learning style questionnaire, while learning outcomes are taken from the even semester at online based learning. The data obtained was made in a 2x4 contingency tables then analyzed with chi square test. After conducting an analysis at the significant level of 0.00 was obtained value  $\chi^2$ . It shows: There is a positive relationship between learning styles of sensory preference and academic achievement at online based learning.*

**Keywords:** Learning Styles, Academic Achievement