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Relationship between learning style and learning outcomes on medical students of Tarumanagara University

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Background: Since the learning method applied based on student centered, students has been responsible for the process and their own learning outcomes. One of various learning styles is VARK (Visual, Auditory, Readwrite and Kinesthetic).

Aims: The purpose of this study is to know the learning style that is used by the medical students of Tarumanagara University and its relation with their learning outcomes. Good learning outcomes are mostly achieved by students who use kinesthetic and visual learning styles.

Methods: The method of this study was cross sectional by using VARK questionnaire which contains 16 questions in order to know the learning style used by the students and the learning outcomes were obtained from score of GPA (Grade Point Average) in 1 semester.

Results: Most students used auditory (33,9%) learning style, followed by kinesthetic (31,7%). Most of male students use kinesthetic (45,5%) learning style and most of female students use auditory (34,5%) learning style. This study found that there was relationship between VARK learning style with the learning outcomes on medical students of Tarumanagara University with p value 0,031.