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### Investigating the Effect of Learning Multimedia and Thinking Style Preference on Learning Achievement on Anatomy at Universitas Kristen Indonesia

*Dr. dr. Bernadetha Nadeak, M. Pd & Dr. Lamhot Naibaho, S. Pd., M. Hum.*

Universitas Kristen Indonesia

#### Abstract

This study is aimed to investigate the effect of learning multimedia and thinking style preference on learning achievement of anatomy. It was done at Medical Faculty of Universitas Kristen Indonesia. It was quantitative research with the quasi-experimental design. The population were the students batch 2017 and 2018, and the sample was chosen randomly. Test (consisted of 37 test items) and nontest (a set of the questionnaire consisted of 15 items ) were used as the instruments in this study. The data which was obtained through the instruments of the study were analyzed using descriptive statistics and inferential analysis through anava test 2x2. The results were; a) the student's learning achievement average when they were taught using multimedia (video) was 27.37, while student learning achievement average when they were taught using multimedia (powerpoint) was 23.6, means that H0 was rejected and Ha was accepted; b) the student learning achievement average with abstract thinking style preference was 30.89 and student learning achievement average with concrete thinking style preference was 21.01, means that H0 was rejected and Ha was accepted. As a conclusion that there is no interaction between learning multimedia and thinking style and the effect on students' learning achievement of Anatomy.

**Keywords** : learning multimedia, thinking style preference, learning achievement

**Topic** : Science, Technology, Engineering, and Mathematics (STEM) Education

**Type** : Oral Presentation

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