

ABSTRACT

Desy Putri Angraeni. 2017. **The use of Multimedia Based Interactive Visual Media Learning To Improve Student Results On The Concept Of Respiratory System.** The first advisor is Dr. Hj. Mia Nurkanti, M.Kes., and the second advisor is Dr. Riandi, M.Si.

This research aims to prove the improvement of student learning outcomes on the concept of the respiratory system using multimedia-based interactive visual learning media in one of the private high schools in Bandung. The population of this study is the students of class XI MIPA with the number of students 21 people. The method used in this research is a Quasi-Experiment with One Group Pretest-Posttest Design. Instruments used in this study is the result of student learning in the domain of cognitive, affective and psychomotor. An Instruments in the form of multiple choice questions amounted to 20 questions to measure student's cognitive domains, in the affective and psychomotor domains of the results assessment using the existing observation format. To find out student response to learning media of Visual Interactive Multimedia was obtained using questionnaires of student response given after learning. Results of data processing of this study showed significant results in the cognitive domain between students before and after learning using multimedia media Interactive Visual Multimedia, on affective and psychomotor domains get good results and get a good response from students. So it can be concluded that the use of multimedia-based multimedia media Interactive Visual can improve student learning outcomes on the concept of the respiratory system.

Keywords: instructional Media, Interactive Visual Multimedia, learning outcomes, respiratory system