ABSTRAK

Jhon Veri Gurusinga, NIM 4163141019 (2016) Pengaruh Model *Problem Based Learning* Berbantuan Media Video Terhadap Aktivitas Dan Hasil Belajar Siswa Pada Materi Sistem Ekskresi Di Kelas XI SMA Swasta Deli Murni Bandar Baru

Penelitian ini merupakan penelitian yang bertujuan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* berbantu media video pada materi sistem ekskresi di SMA Swasta Deli Murni Bandar Baru kelas XI IPA. Subjek penelitian ini terdiri dari 70 sampel. Jenis penelitian ini merupakan eksperimen semu (*quasi eksperimental research*). Hasil penelitian pengaruh model pembelajaran *Problem Based Learning* dengan berbantu media video berpengaruh signifikan terhadap aktivitas dan hasil belajar siswa pada materi sistem ekskresi di kelas XI IPA SMA Swasta Deli Murni Bandar Baru dengan terjadinya peningkatan aktivitas belajar dari kategori baik menjadi sangat baik, disimpulkan bahwa Ho ditolak dan Ha diterima. Model pembelajaran *Problem Based Learning* berbantuan media video pada materi sistem ekskresi di SMA Swasta Deli Murni Bandar Baru kelas XI IPA berpengaruh signifikan pada hasil belajar kognitif siswa dengan terjadinya peningkatan nilai postes lebih tinggi di kelas eksperimen di bandingkan kelas kontrol yaitu $85,42 > 63,42$ dengan uji nilai T (hipotesis) yang menunjukan $0,000 < 0,05$, disimpulkan bahwa Ho di tolak dan Ha di terima.

Kata kunci : Aktivitas, Hasil Belajar, Problem Based Learning, Sistem Ekskresi

ABSTRACT

Jhon Veri Gurusinga, NIM 4163141019 (2016) The Influence of Video-Assisted Problem-Based Learning Models on Student Activities and Learning Outcomes on Excretion System Material in Class XI SMA Deli Murni Bandar Baru

The results of the research on the influence of the Problem Based Learning learning model with the help of video media have a significant effect on student learning activities and outcomes in excretion system material in class XI IPA Deli Murni Bandar Baru Private High School with an increase in learning activity from good to very good category, compared to Ho being rejected and Ha accepted. The Problem Based Learning learning model assisted by video media on excretion system material at Deli Murni Bandar Baru Private High School class XI IPA has a significant effect on students' cognitive learning outcomes with This research is a study that aims to determine the effect of the Problem Based Learning model assisted by video media on excretion system material at Deli Murni Bandar Private High School, class XI IPA. The subjects of this study consisted of 70 samples. This type of research is a quasi-experimental research. an increase in posttest scores higher in the experimental class compared to the control class, namely $85,42 > 63,42$ with a test score T (hypothesis) which shows $0.000 < 0.05$, it is concluded that Ho is rejected and Ha is accepted.

Keywords: activity, learning result, problem based learning, excretion system