

***The Use Of Powtoon Video Media in Excretion System Materials To Improve
Student Learning Outcomes***

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Abstract

During the COVID-19 pandemic, students are required to do online learning so that the online learning process is less than optimal. The problem in this study is that student learning outcomes are less than optimal in the online learning process, students in the online learning process are still passive, and students have difficulty understanding the material in online learning. The purpose of this study was to prove that the use of Powtoon video media can improve student learning outcomes on the excretory system material. This study uses a pre-experimental method with a one group pretest posttest design. The subjects of this study were the entire class VIII, which consisted of 80 students who were grouped into the upper, middle, and lower groups. Data collection techniques include observation, tests, and questionnaires. The data analysis technique used quantitative approach analysis. The results showed that: Student learning outcomes were measured from the pretest and posttest scores using the N-gain test and the N-gain results in the upper group were 0.68 with moderate criteria, in the medium group the average results were 0.57 with moderate criteria. and in the lower group the average result is 0.66 with moderate criteria. It is known that the average pretest score of students before being given treatment was 52.8 and after being given treatment the average posttest score increased by 83.5. The use of powtoon video media can improve the learning outcomes of class VIII SMP Negeri 3 Tanjungpinang students in the odd semester excretion system material for the 2021/2022 school year.

Keywords: Learning Media, Powtoon Media, Learning Outcomes.