PENGEMBANGAN MEDIA PEMBELAJARAN INTERAKTIF BERBANTUAN *ARTICULATE STORYLINE 3* PADA MATERI SISTEM EKSKRESI MANUSIA DI SMA

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui rancang bangun, validitas, dan kepraktisan media pembelajaran interaktif berbantuan *Articulate Storyline 3* pada materi sistem ekskresi manusia di SMA. Jenis penelitian ini adalah penelitian dan pengembangan, menggunakan model instruksional ADDIE yang terdiri dari 5 tahapan yaitu *analyze*, *design*, *development*, *implementation*, dan *evaluation*. Pada penelitian ini dilakukan uji validitas oleh masing-masing dua ahli materi, media, dan bahasa, serta uji kepraktisan yang terdiri empat guru Biologi dan 12 orang siswa kelas XI. Siswa yang menjadi subyek uji coba adalah siswa yang memiliki kemampuan yang berbeda-beda. Analisis data dilakukan secara deskriptif kualitatif dan kuantitatif. Berdasarkan hasil penelitian didapatkan bahwa, (1) rancang bangun penelitian pengembangan ini menghasilkan media pembelajaran interaktif berbantuan *Articulate Storyline 3* pada materi sistem ekskresi manusia di SMA, (2) Validitas media pembelajaran interaktif berbantuan *Articulate Storyline 3* pada materi sistem ekskresi manusia di SMA dari segi materi, media, dan bahasa masing-masing mendapatkan nilai 1,0 dengan kriteria sangat valid, (3) Berdasarkan uji kepraktisan oleh guru persentase kepraktisan media interaktif sebesar 93,7%, sehingga termasuk ke dalam kategori sangat praktis. Sementara, persentase kepraktisan oleh siswa sebesar 92,1%, sehingga termasuk ke dalam kategori sangat praktis. Berdasarkan hasil penelitian tersebut, media pembelajaran interaktif berbantuan *Articulate Storyline 3* pada materi sistem ekskresi manusia di SMA sangat valid dan sangat praktis untuk digunakan sebagai media pembelajaran pada materi sistem ekskresi.

Kata Kunci: Media Pembelajaran Interaktif, Sistem Ekskresi, ADDIE

DEVELOPMENT OF INTERACTIVE LEARNING MEDIA ASSISTED BY ARTICULATE STORYLINE 3 ON HUMAN EXCRETORY SYSTEM MATERIAL IN SENIOR HIGH SCHOOL

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ABSTRACT

This study aims to determine interactive learning media's design, validity, and practicality of interactive learning media assisted by Articulate Storyline 3 on human excretory system material in high school. This type of research is research and development, using the ADDIE instructional model which consists of 5 stages: analyze, design, development, implementation, and evaluation. In this study, the validity test was carried out by two material, media, and language experts, as well as a practicality test consisting of an individual test by four biology teachers and a small group test by 12 XI grade students. Students who became the test subjects were students who had different abilities. Data analysis was done descriptively qualitative and quantitative. Based on the results of the study, it was found that (1) the design of this development research produces interactive media assisted by Articulate Storyline 3 on human excretory system material in high school, (2) the validity of interactive learning media assisted by Articulate Storyline 3 on human excretory system material in high school in terms of material, media, and language each get a score of 1.0 with very valid criteria, (3) Based on the practicality test by teachers, the percentage of practicality of interactive media is 93.7%, so it is included in the efficient category. Meanwhile, the percentage of practicality by students was 92.1%, so it was included in the efficient category. Based on the results of this study, interactive learning media assisted by Articulate Storyline 3 on human excretory system material in high school is very valid and very practical to use as a learning media on excretory system material.

Keywords: Interactive Learning Media, Excretory System, ADDIE