

## **ABSTRACT**

*Animation video was one of the visual media that was pretty relevant to technological advancements and well liked by children. Children with hearing impairment had the same intellectual level as normal children. The only difference was they had hearing and language barriers that could cause delays in speaking and reading. Thus, it made them have limitations in gaining knowledge. These limitations could affect their knowledge on oral health. The purpose of this research was to make an animated video as a media for dental and oral health education for children with hearing impairment.*

*This study was conducted using Research and Development (R & D) type of research. ADDIE model was used in this research and development study. The stages of research were analysis, design and development. The contents validity test was done by experts using the CVR formula then the CVI was calculated.*

*The results of the research on making animation video analysis stage are the results of the validation of the script by the material experts, there are some suggestions and input and have a total CVR value of 12.32 and a CVI value of 0.821. The design stage of making media products is making scripts, storyboards and making 3D animations. The development phase to get the results of the CVR and CVI 1 which both enter the category of very relevant for use. Student readability test is worth 74.65% which means good response and teacher readability test worth 84.4% which means it was good response.*

*The conclusion of this research was that the analysis phase has been made according to the advice of the material experts, the design stage produces an animation product that contains images, writing, sound, and translator. The development phase has a very suitable validation result and has a good response.*

*Keyword: Animated Video, Children with Hearing Impairment, Dental and Oral Health*

## ABSTRAK

Video animasi adalah salah satu media visual yang cukup relevan dengan kemajuan teknologi dan disukai oleh anak. Anak tunarungu memiliki intelektual seperti anak normal, tetapi memiliki hambatan pendengaran dan bahasa yang dapat menimbulkan keterlambatan berbicara dan membaca, sehingga mengakibatkan keterbatasan dalam memperoleh pengetahuan. Keterbatasan yang dimiliki anak tunarungu dapat mempengaruhi pengetahuan tentang kesehatan gigi dan mulut. Tujuan penelitian ini merupakan pembuatan video animasi sebagai media penyuluhan kesehatan gigi dan mulut untuk anak tunarungu.

Penelitian ini menggunakan jenis penelitian Research and Development (R & D). Penelitian dan pengembangan ini menggunakan model ADDIE. Tahapan penelitian yaitu analisis, desain, dan pengembangan. Uji validitas konten oleh ahli menggunakan rumus CVR kemudian dihitung CVI.

Hasil penelitian pembuatan video animasi tahap analisis yaitu hasil validasi skrip oleh ahli materi terdapat beberapa saran dan masukan serta memiliki total nilai CVR 12,32 dan nilai CVI 0,821. Tahap desain pembuatan produk media yaitu membuat skrip, *storyboard* dan pembuatan animasi 3D. Tahap pengembangan mendapatkan hasil nilai CVR dan CVI 1 termasuk dalam kategori sangat relevan untuk digunakan. Uji keterbacaan siswa bernilai 74,65% yaitu respon baik dan uji keterbacaan guru bernilai 84,4% memiliki respon sangat baik.

Kesimpulan dari penelitian yaitu tahap analisis sudah dibuat sesuai saran dari ahli materi, tahap desain menghasilkan produk animasi yang berisi gambar, tulisan, suara, serta translator. Tahap pengembangan memiliki hasil validasi sangata sesuai dan memiliki respon baik.

Keyword: Video Animasi, Anak Tunarungu, Kesehatan Gigi dan Mulut