

PENGEMBANGAN VIDEO INTERAKTIF UNTUK MATA DIKLAT *MEDICAL FIRST RESPONDER (MFR)* DI BASARNAS

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ABSTRAK

Tujuan dari penelitian ini untuk menghasilkan inovasi berupa produk video interaktif untuk mata diklat *Medical First Responder (MFR)*. Penelitian menggunakan model *rapid prototyping* yang memiliki lima tahapan yaitu *Asses Needs and Analyze Content, Set objective, Construct prototype, Utilize prototype, Install and maintain system*. Hasil dari pengembangan produk telah melalui tahap evaluasi yang dilakukan *expert riview* yaitu ahli materi, ahli pembelajaran, dan ahli media. Peserta dalam penelitian ialah *rescuer* dari BASARNAS. Tahapan *expert review* dari hasil penilaian mendapatkan nilai 3.25 dari ahli materi dengan kategori baik, nilai 3.6 dari ahli pembelajaran dengan kategori sangat baik, nilai 2.4 dari ahli media dengan kategori kurang baik. Tahapan uji coba *one to one* mendapatkan nilai 3.2 dengan kategori baik. Hasil dari penelitian pengembangan video interaktif ini dapat digunakan sebagai sumber belajar bagi *rescuer*. Selain itu, video interaktif dapat juga digunakan ketika BASARNAS mengadakan pelatihan MFR.

Kata Kunci: Pengembangan, Video Interaktif, *Rapid Prototyping*, *Medical First Responder (MFR)*, BASARNAS.

INTERACTIVE VIDEO DEVELOPMENT FOR THE COURSES MEDICAL FIRST RESPONDER (MFR) IN BASARNAS

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ABSTRACT

The goal of this research is to produce innovations in the form of interactive video products for medical first responder (MFR) training courses. This research uses rapid prototyping model which has five stages, namely Asses Needs and Analyze Content, Set objectives, Construct prototype, Utilize prototype, Install and maintain system. The results of the product development have gone through various evaluation stages conducted by expert review namely domain expert, learning expert, and media expert. Participants in this research are the rescuer from BASARNAS. The stages of expert review show the score of 3,25 from domain expert which is in the "Good" category, the score of 3,6 from learning expert which is in the "Very Good" category, and the score of 2,4 from media expert which is in the "Poorly" category. The result of the one-on-one test shows the score of 3,2 which is in the "Good" category. The product of this development reseach can be used as a learning resource for the rescuer. In addition, the interactive video can also be used when BASARNAS conducts MFR training.

Keywords: Development, Interactive Video, Rapid Prototyping, Medical First Responder (MFR), BASARNAS.