PENGEMBANGAN KONTEN PEMBELAJARAN INTERAKTIF BERBASIS *PROBLEM BASE LEARNING* PADA MATA KULIAH ASUHAN KEBIDANAN GAWAT DARURAT MATERNAL NEONATAL DI PRODI KEBIDANAN UNDIKSHA

Oleh

Made Sri Utama Wijaya, NIM 1715051046
Program Studi Pendidikan Teknik Informatika
Jurusan Teknik Informatika
Fakultas Teknik dan Kejuruan
Universitas Pendidikan Ganesha
Email: madesriutamawijaya13@undiksha.ac.id

ABSTRAK

Penelitian ini bertujuan untuk menghasilkan produk konten interaktif berbasis *problem based learning* pada pada mata kuliah Asuhan Kebidanan Gawat Darurat Maternal Neonatal materi konsep umum Afiksia Neonatorum serta mendeskripsikan respon pendidik dan peserta didik terhadap konten interaktif tersebut dengan menggunakan model pengembangan model ADDIE yang terdiri dari lima tahapan, yaitu Analysis (Analisis), Design (Perencangan), Development (Pengembangan), Implementation (Implementasi), Evaluation (Evaluasi). Penelitian konten interaktif ini melibatkan 26 orang mahasiswi kebidanan dan 5 orang dosen. Penelitian pengembangan kontern interaktif ini menggunakan data yang di peroleh dari kuesioner dan angket yang di sebar ke mahasiswa dan dosen. Hasil penelitian yang dilakukan meperoleh hasil (1) Hasil implementasi konten pembelajaran interaktif ini berhasil diterapkan berdasarkan dari hasil uji media dan isi yang menhasilkan data yang layak digunakan, dengan menghasilkan nilai dengan kategori Valid dari uji ahli isi dan uji ahli media dengan kategori sangat valid. (2) Hasil dari perhitungan uji perorangan memperoleh kategori baik dengan kriteria valid, uji kelompok kecil diperoleh kategori sangat baik dan layak digunakan dalam pembelajaran, dan uji lapangan diperoleh kategori baik dengan kriteria yaitu valid. (3) Hasil dari perhitungan uji efektivitas diketahui bahwa perolehan nilai N-Gain yaitu 0.71 dengan kriteria efektif. Pada uji respon pendidik dengan rata-rata 48 dan peserta didik dengan rata-rata sebesar 60,88, mencapai kategori sangat positif dan kriteria sangat praktis. Dari hasil yang diperoleh dapat disimpulkan bahwa konten interaktif berbasis *problem based learning* pada mata kuliah Asuhan Kebidanan Gawat Darurat Maternal Neonatal materi konsep umum Afiksia Neonatorum telah memenuhi kriteria ideal sebuah produk dilihat dari kevalidan, keefektifan, dan kepraktisan.

Kata Kunci: Konten Interaktif, *Asfiksia Neonatorum*, *Problem Based Learning*

DEVELOPMENT OF INTERACTIVE LEARNING CONTENT ON CARBOHYDRATE METABOLISM MATERIAL BASED ON PROBLEM BASED LEARNING TO SUPPORT BIOCHEMISTRY LECTURES IN THE UNDERGRADUATE BIOLOGY PROGRAM, FACULTY OF MIPA, GANESHA EDUCATIONAL UNIVERSITY

By

Made Sri Utama Wijaya, NIM 1715051046
Education of Informatics Engineering Study Program
Majoring in Informatics Engineering
Faculty of Engineering and Vocational
Ganesha University of Education
Email: madesriutamawijaya13@undiksha.ac.id

ABSTRACT

This research aims to produce interactive content products based on problem based learning in the Maternal Neonatal Emergency Midwifery Care course, material on general concepts of Neonatal Aphyxia as well as describing the responses of educators and students to this interactive content using the ADDIE model development model which consists of five stages, namely Analysis, Design, Development, Implementation, Evaluation. This interactive content research involved 26 midwifery students and 5 lecturers. This interactive counter development research uses data obtained from questionnaires and questionnaires distributed to students and lecturers. The results of the research carried out obtained results (1) The results of the implementation of this interactive learning content were successfully implemented based on the results of media and content tests which produced data that was suitable for use, by producing a value in the Valid category from the content expert test and the media expert test in the very valid category. (2) The results of individual test calculations obtained a good category with valid criteria, small group tests obtained a very good category and were suitable for use in learning, and field tests obtained a good category with valid criteria. (3) The results of the effectiveness test calculation show that the N-Gain value is 0.71 with effective criteria. In the response test, educators with an average of 48 and students with an average of 60.88, reached the very positive category and the criteria were very practical. From the results obtained, it can be concluded that the interactive content based on problem based learning in the Maternal Neonatal Emergency Midwifery Care course, material on general concepts of Neonatal Aphyxia, meets the ideal criteria for a product in terms of validity, effectiveness and practicality.

Keywords: Interactive Content, Asphyxia Neonatorum, Problem Based Learning