

PENGARUH EDUKASI MULTIMEDIA BERBASIS VIDEO ANIMASI TERHADAP PENGETAHUAN DAN SIKAP CALON PENGANTIN TENTANG Pemeriksaan Kesehatan Pra Nikah Terintegrasi di Puskesmas Cijeungjing

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Pemeriksaan kesehatan pra nikah merupakan salah satu upaya promotif dan preventif untuk mendeteksi faktor risiko kesehatan sebelum memasuki kehidupan berumah tangga. Namun, masih banyak calon pengantin yang memiliki pengetahuan dan sikap yang kurang optimal mengenai pentingnya pemeriksaan kesehatan pra nikah. Edukasi menggunakan multimedia berbasis video animasi merupakan salah satu media pembelajaran yang mampu menyampaikan informasi secara menarik, interaktif, dan mudah dipahami. Menganalisis pengaruh edukasi multimedia berbasis video animasi terhadap pengetahuan dan sikap calon pengantin tentang pemeriksaan kesehatan pra nikah terintegrasi di wilayah kerja Puskesmas Cijeungjing. Penelitian ini menggunakan desain pre-experimental dengan pendekatan one group pretest-posttest. Penelitian dilaksanakan pada 42 calon pengantin yang dipilih menggunakan teknik total sampling. Instrumen penelitian berupa kuesioner pengetahuan dan sikap mengenai pemeriksaan kesehatan pra nikah terintegrasi. Analisis data dilakukan secara univariat dan bivariat menggunakan uji Wilcoxon Signed Rank Test dengan tingkat kemaknaan 95% ($\alpha=0,05$). Sebelum intervensi, sebagian besar responden memiliki pengetahuan kategori cukup (52,4%) dan sikap positif (57,1%). Setelah diberikan edukasi multimedia berbasis video animasi, pengetahuan kategori baik meningkat menjadi 66,7% dan sikap positif meningkat menjadi 64,3%. Rata-rata skor pengetahuan meningkat dari 58,10 menjadi 82,38, sedangkan rata-rata skor sikap meningkat dari 75,24 menjadi 93,52. Hasil uji Wilcoxon menunjukkan terdapat pengaruh yang signifikan edukasi multimedia berbasis video animasi terhadap peningkatan pengetahuan calon pengantin ($Z = -4,552$; $p = 0,000$). Edukasi multimedia berbasis video animasi efektif meningkatkan pengetahuan dan memperbaiki sikap calon pengantin mengenai pemeriksaan kesehatan pra nikah terintegrasi. Media ini dapat dijadikan alternatif dalam program promosi kesehatan bagi calon pengantin di fasilitas pelayanan kesehatan.

Kata Kunci: Calon pengantin; multimedia; pemeriksaan kesehatan pranikah; pengetahuan; sikap; video animasi.

**THE EFFECT OF ANIMATION VIDEO-BASED MULTIMEDIA EDUCATION ON
THE KNOWLEDGE AND ATTITUDES OF PROSPECTIVE BRIDES AND
GROOMS REGARDING INTEGRATED PRE-MARITAL HEALTH SCREENING
AT THE CIJEUNGJING COMMUNITY HEALTH CENTER**

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Abstract

Pre-marital health screening is an important promotive and preventive strategy to identify health risks before marriage. However, many prospective brides and grooms still have inadequate knowledge and attitudes regarding the importance of integrated pre-marital health examinations. Animation video-based multimedia education is an educational medium that combines visual and audio elements to improve learning effectiveness. To analyze the effect of animation video-based multimedia education on the knowledge and attitudes of prospective brides and grooms regarding integrated pre-marital health screening at the Cijeungjing Community Health Center. This study employed a pre-experimental design using a one-group pretest-posttest approach. A total of 42 prospective brides and grooms were recruited using total sampling. Data were collected using validated knowledge and attitude questionnaires. Univariate analysis was used to describe respondent characteristics, while the Wilcoxon Signed Rank Test was applied for bivariate analysis with a significance level of 95% ($\alpha=0.05$). Before the intervention, most respondents had moderate knowledge (52.4%) and positive attitudes (57.1%). After receiving animation video-based multimedia education, good knowledge increased to 66.7%, while positive attitudes increased to 64.3%. The mean knowledge score increased from 58.10 to 82.38, and the mean attitude score increased from 75.24 to 93.52. The Wilcoxon Signed Rank Test showed a statistically significant improvement in knowledge after the intervention ($Z = -4.552$; $p = 0.000$). Animation video-based multimedia education effectively improved the knowledge and enhanced the attitudes of prospective brides and grooms regarding integrated pre-marital health screening. This educational media can be considered an effective health promotion strategy for pre-marital counseling services at primary healthcare facilities.

Keywords: *Prospective bride and groom; multimedia; pre-marital health screening; knowledge; attitude; animated video..*