

THE EFFECTIVENESS OF VIDEO AND E-BOOKLET MEDIA IN HEALTH EDUCATION ON IMPROVING THE KNOWLEDGE OF PREGNANT WOMEN ABOUT THE PREGNANCY DANGER SIGNS AT JETIS 1 PUBLIC HEALTH CENTER OF BANTUL REGENCY

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ABSTRACT

Background: Danger signs of pregnancy before causing complications can be detected early independently through learning media such as videos and e-booklets

Objective: The purpose of this study was to determine the effectiveness of video and e-booklet media in improving the knowledge of pregnant women about the danger signs of pregnancy

Method: This study was conducted in December 2020-January 2021 at Jetis 1 Public Health Center, Bantul Regency and used the type of quasi-experimental research and pretest-posttest with control group design. The research subjects were pregnant women in the first, second and third trimesters as many as 24 people for each group. Sampling was collected using purposive sampling technique on respondents with the criteria of being willing to follow the research rules, there is no trouble in seeing/speaking/hearing, being capable to read and write. Respondents who resigned during the study, did not complete the questionnaire until the end and worked as health workers were not taken as research respondents. The measuring instrument used is a questionnaire that has been tested for validity and reliability. The data analysis used Wilcoxon test and Mann Whitney test

Result: The results of the analysis show that the two media have an effect on increasing the knowledge of pregnant women with p-value 0,000 for videos and p-value 0,000 for e-booklet

Conclusion: Video media is more effective than e-booklet in improving the knowledge of pregnant women (p-value 0,031). Thus the video media made by researchers can be used to provide health education about the danger signs of pregnancy

Keywords: e-booklets, knowledge, pregnancy danger signs, videos

EFEKTIVITAS MEDIA *VIDEO* DAN *E-BOOKLET* DALAM PENDIDIKAN KESEHATAN TERHADAP PENINGKATAN PENGETAHUAN IBU HAMIL TENTANG TANDA BAHAYA KEHAMILAN DI PUSKESMAS JETIS 1 KABUPATEN BANTUL

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ABSTRAK

Latar Belakang : Tanda bahaya kehamilan sebelum menimbulkan komplikasi dapat dideteksi sejak dini secara mandiri melalui media pembelajaran seperti *video* dan *e-booklet*

Tujuan : Tujuan penelitian ini adalah mengetahui efektivitas media *video* dan *e-booklet* dalam meningkatkan pengetahuan ibu hamil tentang tanda bahaya kehamilan

Metode : Penelitian ini dilakukan pada bulan Desember 2020-Januari 2021 di Puskesmas Jetis 1 Kabupaten Bantul dan menggunakan jenis penelitian eksperimen semu serta rancangan *pretest-posttest with control group*. Subyek penelitian adalah ibu hamil trimester I, II dan III sebanyak 24 orang untuk masing-masing kelompok. Pengambilan sampel dengan teknik *purposive sampling* pada responden dengan kriteria bersedia mengikuti peraturan penelitian, tidak ada gangguan melihat/berbicara/mendengar dan dapat membaca serta menulis sedangkan responden yang mengundurkan diri saat penelitian berlangsung, tidak menyelesaikan pengisian kuesioner hingga akhir dan bekerja sebagai tenaga kesehatan tidak akan diambil sebagai responden penelitian. Alat ukur yang digunakan berupa kuesioner yang telah diuji validitas dan reliabilitas. Analisis data menggunakan uji *Wilcoxon test* dan *Mann Whitney test*

Hasil : Hasil analisis menunjukkan bahwa kedua media berpengaruh terhadap peningkatan pengetahuan ibu hamil dengan *p-value* 0,000 untuk *video* dan *p-value* 0,000 untuk *e-booklet*

Kesimpulan : Media *video* lebih efektif dibandingkan *e-booklet* dalam meningkatkan pengetahuan ibu hamil (*p-value* 0,031). Maka media *video* yang dibuat peneliti dapat dimanfaatkan untuk memberikan pendidikan kesehatan tentang tanda bahaya kehamilan.

Kata Kunci : *e-booklet*, pengetahuan, tanda bahaya kehamilan, *video*