

ABSTRACT

THE COMPARATION OF EDUCATIONAL VIDEOS AND PAMPHLETS ON INCREASING KNOWLEDGE ABOUT ANTIBIOTICS-AT THE RANDU RUSUN COMMUNITY SURABAYA

Uswatun Hasanah

Antibiotics are substances that function to kill or inhibit the growth of bacteria which used to treat bacterial infections. However, improper use of antibiotics can lead to antibiotic resistance. In Indonesia, antibiotic resistance has killed 1.27 million people. This study was aimed to determine the effectiveness of providing educational videos and pamphlets in increasing knowledge about antibiotics among the residents of Rusun Randu, Surabaya. The inclusion criteria were residents aged 18-59 years who willing to complete a questionnaire. A total of 100 respondents were recruited and were divided into two groups (50 in the video group and 50 in the pamphlet group). The majority of respondents were aged 26-40 years, female, worked as housewives or were unemployed, and had an income of Rp. 0-500,000. The results showed that the participants' knowledge in the video and pamphlet groups increased. The high knowledge score for the video group increased from 12.0% to 46.0% (p-value 0,00), while for the pamphlet group increased from 3.0% to 22.0% (p-value 0,00). The provision of educational media in the form of videos and pamphlets proved to increase the knowledge of the community in Rusun Randu Surabaya.

Keyword : Antibiotics, Knowledge, Educations, Educational video, Pamphlet.