

**KEMENTERIAN KESEHATAN REPUBLIK INDONESIA  
POLITEKNIK KESEHATAN RIAU  
PROGRAM STUDI SARJANA TERAPAN KEBIDANAN**

**SKRIPSI, JULI 2026  
NADILLASARI**

**PENGARUH EDUKASI VIDEO ANIMASI *MOTION GRAPHIC*  
TERHADAP PENGETAHUAN REMAJA TENTANG INFEKSI  
MENULAR SEKSUAL DI SMK NASIONAL PELALAWAN**

**ix + 47 Halaman + 4 Tabel + 10 Lampiran**

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**ABSTRAK**

Infeksi Menular Seksual (IMS) merupakan masalah kesehatan reproduksi yang sering terjadi pada remaja akibat rendahnya pengetahuan tentang penularan, gejala, dampak, dan pencegahannya. Edukasi menggunakan video animasi berbasis *motion graphic* diharapkan dapat meningkatkan pengetahuan remaja mengenai IMS. Penelitian ini bertujuan mengetahui pengaruh edukasi video animasi berbasis *motion graphic* terhadap pengetahuan remaja tentang IMS di SMK Nasional Pelalawan. Penelitian ini menggunakan metode kuantitatif dengan desain *Pre-Experimental One Group Pretest–Posttest Design*. Sampel berjumlah 80 responden yang dipilih menggunakan teknik *total sampling*. Data dikumpulkan melalui kuesioner pengetahuan sebelum (*pretest*) dan sesudah (*posttest*) intervensi. Analisis univariat digunakan untuk mendeskripsikan data, sedangkan analisis bivariat menggunakan *Paired Sample t-Test*. Hasil menunjukkan sebagian besar responden memiliki pengetahuan kategori cukup sebelum intervensi (76,2%) dengan rata-rata 48,06. Setelah edukasi, sebagian besar berada pada kategori baik (97,5%) dengan rata-rata meningkat menjadi 89,12. Hasil uji *Paired Sample t-Test* menunjukkan *p-value* = 0,000 ( $p < 0,05$ ). Disimpulkan bahwa edukasi menggunakan video animasi berbasis *motion graphic* efektif meningkatkan pengetahuan remaja tentang IMS dan dapat dijadikan sebagai alternatif media edukasi kesehatan reproduksi di sekolah.

**Kata kunci:** *Edukasi kesehatan, Motion graphic, Infeksi menular seksual, Pengetahuan, remaja.*

**Referensi :** 21 Referensi (2018-2025)

**MINISTRY OF HEALTH OF THE REPUBLIC OF INDONESIA  
RIAU HEALTH POLYTECHNIC  
BACHELOR OF APPLIED MIDWIFERY STUDY PROGRAM**

**THESIS, JULY 2026  
NADILLASARI**

**THE EFFECT OF MOTION GRAPHIC ANIMATION VIDEO  
EDUCATION ON ADOLESCENTS' KNOWLEDGE OF SEXUALLY  
TRANSMITTED INFECTIONS AT SMK NASIONAL PELALAWAN**

**ix + 47 pages + 4 tables + 10 Appendices**

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**ABSTRACT**

Sexually Transmitted Infections (STIs) are a reproductive health problem that commonly occurs among adolescents due to their limited knowledge of the modes of transmission, symptoms, impacts, and prevention. Health education using motion graphic-based animated videos is expected to improve adolescents' knowledge of STIs. This study aimed to determine the effect of motion graphic-based animated video education on adolescents' knowledge of STIs at SMK Nasional Pelalawan. This study employed a quantitative method with a Pre-Experimental One Group Pretest–Posttest Design. The sample consisted of 80 respondents selected using the total sampling technique. Data were collected using a knowledge questionnaire administered before (pretest) and after (posttest) the intervention. Univariate analysis was used to describe the data, while bivariate analysis was performed using the Paired Sample t-Test. The results showed that before the intervention, most respondents had a moderate level of knowledge (76.2%) with a mean score of 48.06. After the educational intervention, the majority achieved a good level of knowledge (97.5%) with the mean score increasing to 89.12. The Paired Sample t-Test showed a p-value of 0.000 ( $p < 0.05$ ). It was concluded that health education using motion graphic-based animated videos was effective in improving adolescents' knowledge of STIs and can be used as an alternative medium for reproductive health education in schools.

**Keywords:** Health education, Motion graphics, Sexually transmitted infections, Knowledge, Adolescents.

**References:** 21 references (2018–2025)