

# THE EFFECT OF DENTAL HEALTH EDUCATION WITH VIDEO MEDIA ON KNOWLEDGE AND INTEREST ODONTECTOMY PROCEDURES

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## ABSTRACT

**Background :** Tooth extraction is the act of removing a tooth from its socket, caused by poor dental health and can cause anxiety. The 2013 Riskesdas results show that the proportion of dental and oral problems is 25.9%. Odontectomy is a method of extracting or removing teeth that cannot grow or grow partially.

**Purpose of Research :** The influence of dental health education using video media on knowledge and interest in odontectomy procedures is known.

**Methods :** This research design is quasi-experimental with a Non-Equivalent Control Group design. The research was conducted in February 2024, the research population was patients at dental practices in Sumberadi Sleman with a sample of 64 respondents. Data were collected using a knowledge and interest questionnaire for odontectomy procedures. Data analysis used the Wilcoxon Test and Mann Whitney Test.

**Result :** The results of the pretest knowledge treatment group for good criteria were 18.8%, sufficient criteria were 71.9% and poor criteria were 9.4. The interest pretest results in the interest pretest group in the low criteria treatment group were 15.6, the medium criteria were 68.8 and the high criteria were 15.6, after *DHE* the high criteria were 93.8%. The Wilcoxon test showed that there was a significant difference before and after being given education about odontectomy using video media with a p value  $<0.05$ . The results of the Mann Whitney test showed that there was a significant difference between promotion using video media and lecture media on knowledge and interest in odontectomy procedures, with a p value  $<0.05$ .

**Conclusion :** Education about odontectomy using media influential videos to increase knowledge and interest in odontectomy procedures.

**Keywords :** Dental Health Education, Odontectomy, Videos, Knowledge, Interests

## **PENGARUH DENTAL HEALTH EDUCATION DENGAN MEDIA VIDEO TERHADAP PENGETAHUAN DAN MINAT TINDAKAN ODONTEKTOMI**

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### **ABSTRAK**

**Latar Belakang:** Pencabutan gigi merupakan suatu tindakan mengeluarkan gigi dari soketnya, disebabkan karena kesehatan gigi yang tidak dipelihara dan dapat menimbulkan kecemasan. Hasil Riskesdas 2013 menunjukkan bahwa proporsi masalah gigi dan mulut 25,9%. Odontektomi merupakan metode dalam proses pencabutan atau pengeluaran gigi yang tidak dapat tumbuh atau tumbuh sebagian.

**Tujuan:** Diketuinya pengaruh dental health education menggunakan media video terhadap pengetahuan dan minat tindakan odontektomi.

**Metode:** Desain penelitian ini adalah *quasi experimental* dengan rancangan *Non-Equivalent Control Group*. Penelitian dilaksanakan pada bulan Februari 2024, populasi penelitian pasien di praktek dokter gigi di Sumberadi Sleman dengan sampel 64 responden. Pengambilan data menggunakan kuisioner pengetahuan dan minat tindakan odontektomi. Analisis data menggunakan Uji *Wilcoxon* dan Uji *Mann Whitney*.

**Hasil:** Hasil kelompok perlakuan pengetahuan *pretest* pada kriteria baik sebanyak 18,8% dan kriteria cukup 71,9% dan kriteria kurang 9,4. Hasil *pretest* minat pada kelompok *pretest* minat pada kelompok perlakuan kriteria rendah sebanyak 15,6, kriteria sedang 68,8 dan kriteria tinggi 15,6, setelah dilakukan *DHE* kriteria tinggi sebanyak 93,8%. Uji *Wilcoxon* menunjukkan terdapat perbedaan bermakna sebelum dan setelah diberikan edukasi tentang tindakan odontektomi dengan media video dengan nilai  $p < 0,05$ . Hasil uji *Mann Whitney* menunjukkan terdapat perbedaan bermakna antara promosi menggunakan media video dengan media ceramah terhadap pengetahuan dan minat tindakan odontektomi didapatkan nilai  $p < 0,05$ .

**Kesimpulan:** Edukasi tentang tindakan odontektomi menggunakan media video berpengaruh untuk meningkatkan pengetahuan dan minat tindakan odontektomi.

**Kata Kunci:** Dental Health Education, Odontektomi, Video, Pengetahuan, Minat