

# PENGARUH MEDIA LEAFLET TERHADAP TINGKAT PENGETAHUAN KARIES GIGI DAN MINAT PERAWATAN SALURAN AKAR PADA PASIEN DI RUMAH SAKIT

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## ABSTRAK

**Latar Belakang:** Penyakit gigi dan mulut merupakan masalah kesehatan yang paling banyak dikeluhkan di dunia, khususnya di Indonesia sebesar 56,9%. Proporsi paling besar adalah masalah gigi rusak/berlubang/sakit (43,6%) sedangkan proporsi tidak menerima perawatan sebesar 18,6%. Kendala tindakan perawatan saluran akar adalah pasien tidak memiliki pengetahuan yang memadai dan minat. Edukasi dibutuhkan untuk meningkatkan pengetahuan dan minat pasien.

**Tujuan:** Mengetahui pengaruh media leaflet terhadap tingkat pengetahuan karies gigi dan minat perawatan saluran akar pada pasien di Rumah Sakit.

**Metode:** Jenis penelitian eksperimen semu dengan desain *untreated control group design with dependent pretest and posttest*. Sampel penelitian adalah pasien karies gigi di Poliklinik Gigi RS dr. Soetarto Yogyakarta terdiri dari 31 kelompok eksperimen dan 31 kelompok kontrol dengan teknik pengambilan sampel menggunakan *accidental sampling*. Analisis data menggunakan uji *mann withney*.

**Hasil:** Pengetahuan sebelum diberikan media *leaflet* kategori kurang (64,5%) dan sesudahnya baik (83,9%). Minat perawatan saluran akar gigi sebelum diberikan media *leaflet* kategori rendah (87,1%) dan sesudahnya tinggi (71,0%). Ada pengaruh media *leaflet* terhadap nilai selisih tingkat pengetahuan karies gigi dan minat perawatan saluran akar pada pasien dengan nilai signifikan sebesar 0,045 dan 0,048.

**Kesimpulan:** Ada pengaruh media *leaflet* terhadap tingkat pengetahuan karies gigi dan minat perawatan saluran akar pada pasien di Rumah Sakit.

**Kata kunci:** media *leaflet*, minat, perawatan saluran akar, tingkat pengetahuan

**THE INFLUENCE OF LEAFLET MEDIA ON THE LEVEL OF DENTAL  
CARIES KNOWLEDGE AND INTEREST IN ROOT CANAL TREATMENT  
IN PATIENTS AT THE HOSPITAL**

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**ABSTRACT**

**Background:** Dental and oral diseases are the most commonly reported health problems worldwide, particularly in Indonesia, where they affect 56.9% of the population. The largest proportion of cases involve damaged/decayed/painful teeth (43.6%), while 18.6% of patients do not receive treatment. The main obstacles to root canal treatment are patients' lack of adequate knowledge and interest. Education is needed to increase patients' knowledge and interest.

**Objective:** To determinants the effect of leaflet media on the level of dental caries knowledge and interest in root canal treatment in patients at Hospital.

**Methods:** This was a quasi-experimental study with an untreated control group design with dependent pretest and posttest. The study sample consisted of dental caries patients at the Dr. Soetarto Hospital Dental Clinic in Yogyakarta, comprising 31 experimental groups and 31 control groups, with accidental sampling used as the sampling technique. Data analysis was performed using the Mann-Whitney test.

**Results:** Knowledge before being given the leaflet was low (64,5%) and after being given the leaflet was good (83,9%). Interest in root canal treatment before being given the leaflet was low (87,1%) and after being given the leaflet was high (71,0%). There was an effect of the leaflet on the difference in dental caries knowledge and interest in root canal treatment among patients, with significant values of 0,045 and 0,048, respectively.

**Conclusion:** There is an effect of leaflet media on the level of dental caries knowledge and interest in root canal treatment in patients at Hospital.

**Keywords:** leaflet media, interest, root canal treatment, knowledge level