

**HUBUNGAN PENGETAHUAN KESEHATAN GIGI DAN MULUT
DENGAN PENGALAMAN KARIES SISWA KELAS V DI SDN 2
MUKTISARI KECAMATAN LANGENSARI
KOTA BANJAR**

Pramesti Aulia Ningrum

Mahasiswa Jurusan Kesehatan Gigi Poltekkes Kemenkes Tasikmalaya
pampampramesti7@gmail.com

ABSTRAK

Latar Belakang: Karies merupakan penyakit infeksi gigi yang dialami oleh sekitar 95% populasi dunia. Karies terjadi akibat kerusakan email gigi oleh bakteri *Streptococcus mutans* yang ada pada plak. Salah satu faktor yang memengaruhi timbulnya karies adalah pengetahuan individu mengenai kesehatan gigi dan mulut. **Tujuan Penelitian:** Mengetahui hubungan antara pengetahuan kesehatan gigi dan mulut dengan pengalaman karies pada siswa kelas V di SDN 2 Muktisari Kecamatan Langensari Kota Banjar. **Metode Penelitian:** Penelitian ini menggunakan desain observasional analitik dengan pendekatan *cross-sectional*. Sampel berjumlah 26 siswa kelas V yang diambil menggunakan teknik total sampling. Pengumpulan data dilakukan dengan kuesioner pengetahuan dan pemeriksaan indeks *DMF-T*, serta dianalisis menggunakan uji *Spearman Rank*. **Hasil Penelitian:** Mayoritas siswa memiliki pengetahuan kategori kurang (61,5%) dan cukup (38,5%). Berdasarkan pemeriksaan indeks *DMF-T*, ditemukan 19,2% siswa ber kriteria sedang, 42,3% tinggi, dan 38,5% sangat tinggi. **Kesimpulan:** Terdapat hubungan signifikan antara pengetahuan kesehatan gigi dan mulut dengan pengalaman karies siswa kelas V SDN 2 Muktisari dengan diperoleh nilai koefisien korelasi sebesar -0,637 dengan nilai signifikan sebesar 0,000 ($p < 0,01$), menunjukkan bahwa semakin rendah pengetahuan, semakin tinggi tingkat karies.

Kata Kunci: Karies Gigi, Pengetahuan Kesehatan Gigi dan Mulut, Siswa Sekolah Dasar **Daftar Pustaka:** 33 buah (2015-2023)

**RELATIONSHIP BETWEEN DENTAL AND ORAL HEALTH
KNOWLEDGE AND CARIES EXPERIENCE OF GRADE V CHILDREN
AT SDN 2 MUKTISARI, LANGENSARI DISTRICT, BANJAR CITY**

Pramesti Aulia Ningrum

Student of the Department Dental Health Poltekkes Kemenkes Tasikmalaya
pampampramesti7@gmail.com

ABSTRACT

Background: Dental caries is an infectious disease affecting approximately 95% of the global population. It occurs due to enamel demineralization caused by *Streptococcus mutans* in dental plaque. One of the main contributing factors is a person's knowledge of oral and dental health. Adequate knowledge may encourage better hygiene practices and help prevent caries. **Research Objective:** This study aims to determine the relationship between dental and oral health knowledge and caries experience among fifth-grade students at SDN 2 Muktisari, Langensari District, Banjar City. **Research Methods:** This was an analytical observational study with a *cross-sectional* design was conducted. A total sampling technique was applied to 26 fifth-grade students. Data were collected through a knowledge questionnaire and clinical examination using the *DMF-T* index, then analyzed using the *Spearman Rank* correlation test. **Research Results:** The majority of students had poor (61.5%) or fair (38.5%) knowledge. *DMF-T* index findings showed 19.2% of students had moderate caries, 42.3% high, and 38.5% very high. **Conclusion:** There is a statistically significant relationship between dental and oral health knowledge and caries experience $p = 0.000$ ($p < 0,01$), The lower the students' knowledge, the higher their caries experience.

Keywords : Dental Caries, Oral and Dental Health Knowledge, Elementary School Children

References : 33 Pieces (2015-2023)