

THE CORRELATION BETWEEN THE TEETH BRUSHING HABITS AND THE  
NUMBER OF DENTAL CARIES ON STUDENTS OF SEKOLAH DASAR MASEHI  
(*CHRISTIAN ELEMENTARY SCHOOL*) PAYETI 1  
EAST SUMBA REGENCY

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**ABSTRACT**

**Background:** The elementary school students are a very strategic group for dental and oral health management. The elementary-school age is the ideal time to train a child's motoric abilities, among them including brushing teeth, so the researchers are interested in doing this research, whether there is a correlation between the habit of teeth brushing and the number of dental caries.

**Research Objective:** To find out the correlation between the teeth brushing habit and the number of dental caries on the students of Sekolah Dasar Masehi Payeti I of East Sumba Regency.

**Research Method:** This research uses the cross-sectional analytic observation, and the sampling technic uses the Purposive Sampling, while this research was conducted from November to December 2018. The research population is the 75 students of Sekolah Dasar Masehi Payeti I of East Sumba Regency. The data analysis uses the Kendall's Tau test.

**Research Result:** the respondents' teeth brushing habit with the moderate criterion is 48.9%). The number of dental caries with the moderate criterion is 66.7%. There is a correlation between the teeth brushing habit with the number of dental caries.

**Conclusion:** There is a correlation between the teeth brushing habit with the number of dental caries on the students of Sekolah Dasar Masehi Payeti I of East Sumba Regency.

**Keywords:** Teeth Brushing Habit, Number of Dental Caries.

# HUBUNGAN KEBIASAAN MENYIKAT GIGI DENGAN JUMLAH KARIES GIGI PADA SISWA SDM PAYETI I KABUPATEN SUMBA TIMUR

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## ABSTRAK

**Latar Belakang :** Murid Sekolah Dasar (SD) merupakan suatu kelompok yang sangat strategis untuk penanggulangan kesehatan gigi dan mulut. Usia sekolah dasar merupakan saat yang ideal untuk melatih kemampuan motoric seorang anak, termasuk diantaranya menyikat gigi sehingga peneliti tertarik melakukan penelitian apakah ada hubungan antara kebiasaan menyikat gigi dengan jumlah karies gigi

**Tujuan Penelitian :** Mengetahui hubungan kebiasaan menyikat gigi dengan jumlah karies gigi pada siswa SDM Payeti I Kabupaten Sumba Timur

**Metode Penelitian :** Penelitian ini menggunakan *observasi analitik* yang bersifat *cross sectional*, Teknik pengambilan sampel menggunakan *Purposive Sampling*, waktu pelaksanaan penelitian pada bulan November - Desember 2018. Populasi penelitian adalah 75 siswa SDM Payeti I Kabupaten Sumba Timur. Analisa data menggunakan uji *Kendall's tau*

**Hasil Penelitian :** Kebiasaan menyikat gigi responden dengan kriteria sedang (48.9%). Jumlah karies gigi dengan kriteria sedang (66.7%). Ada hubungan kebiasaan menyikat gigi dengan jumlah karies gigi

**Kesimpulan :** Terdapat hubungan kebiasaan menyikat gigi dengan jumlah karies gigi pada siswa SDM Payeti I

**Kata Kunci :** Kebiasaan Menyikat Gigi, Jumlah Karies gigi