

## **The Relationship Between Mother's Knowledge About Caries with Teeth Brushing Habit of Children**

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### **ABSTRACT**

**Background :** Mother's knowledge has an effect on the maintenance children's dental and oral health. Efforts to prevent caries through teeth brushing habit of children will be difficult to do without basic knowledge from the mother. Based on a preliminary study conducted on mothers in Tanjung Puri Village, it was found that 60% of mothers did not understand caries disease and did not understand good and correct teeth brushing habit of children.

**Research Purposes :** To determine the relationship between mother's knowledge about caries and teeth brushing habit of children.

**Research Methods :** Type study is analytical survey with design cross sectional. The population of this research is mothers who have children aged 6-11 years in Tanjung Puri Village, Sungai Raya, Kubu Raya, West Borneo. The sampling method used purposive sampling technique with a total of 58 respondents. Data collection using a questionnaires submitted to respondents through the google form application. Data analysis using *Kendall's Tau-b* test.

**Research Results :** The results showed that 75,9% mothers had good caries knowledge. In addition, as many as 62,1% mothers mostly have good knowledge about teeth brushing habit of children as well. There was a significant relationship between mother's knowledge about caries and teeth brushing habit of children ( $p = 0.000$  therefore  $p < 0,05$ ).

**Conclusion :** There is a significant relationship between mother's knowledge about caries and teeth brushing habit of children.

**Keywords :** Knowledge, caries, teeth brushing habit

## **Hubungan Pengetahuan Ibu tentang Karies dengan Kebiasaan Menyikat Gigi Anak**

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### **ABSTRAK**

**Latar Belakang :** Pengetahuan ibu berpengaruh dalam pemeliharaan kesehatan gigi dan mulut anak. Upaya pencegahan karies melalui kebiasaan menyikat gigi anak akan sulit dilakukan tanpa adanya pengetahuan yang mendasar dari ibu. Berdasarkan studi pendahuluan yang dilakukan pada Ibu di RW 06 Dusun Tanjung Puri diperoleh data sebesar 60% ibu kurang memahami tentang penyakit karies dan kurang memahami mengenai kebiasaan menyikat gigi yang baik dan benar pada anak.

**Tujuan Penelitian :** Diketahuinya hubungan pengetahuan ibu tentang karies dengan kebiasaan menyikat gigi anak.

**Metode Penelitian :** Jenis penelitian adalah survei analitik dengan rancangan *cross sectional*. Populasi meliputi ibu yang mempunyai anak berusia 6-11 tahun di RW 06 Dusun Tanjung Puri, Sungai Raya, Kubu Raya, Kalimantan Barat. Cara pengambilan sampel menggunakan teknik *purposive sampling* dengan jumlah 58 responden. Pengambilan data menggunakan kuesioner yang disampaikan kepada responden melalui aplikasi *google form*. Analisis data menggunakan Uji *Kendall's Tau-b*.

**Hasil Penelitian :** Hasil penelitian menunjukkan sebanyak 75,9% ibu memiliki pengetahuan karies yang baik. Selain itu, sebanyak 62,1% ibu memiliki pengetahuan kebiasaan menyikat anak dalam kriteria yang baik pula. Terdapat hubungan signifikan antara pengetahuan ibu tentang karies dengan kebiasaan menyikat gigi anak ( $p = 0,000$  sehingga  $p < 0,05$ ).

**Kesimpulan :** Ada hubungan yang signifikan antara pengetahuan ibu tentang karies dengan kebiasaan menyikat gigi anak.

**Kata kunci :** Pengetahuan, Karies, Kebiasaan Menyikat Gigi Anak