

HUBUNGAN KONSUMSI SUSU FORMULA DENGAN *pH SALIVA* DAN PENGALAMAN KARIES PADA ANAK PRASEKOLAH DI SPS TA'AM MATHLAUL ANWAR KOTA TASIKMALAYA

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ABSTRAK

Karies gigi adalah kerusakan jaringan keras gigi yang disebabkan oleh asam yang ada di dalam karbohidrat melalui perantaraan mikroorganisme yang ada di dalam saliva. Proses karies merupakan multifaktorial akibat interaksi antara gigi sebagai inang dengan saliva, bakteri mulut, dan makanan yang mudah difermentasi. Pemberian susu formula dapat menimbulkan masalah bagi kesehatan anak, salah satunya berkaitan dengan kesehatan gigi dan mulut anak. Laporan global *Burden of Disease Study 2019*, 520 juta anak menderita karies gigi. **Tujuan:** untuk menganalisis hubungan konsumsi susu formula dengan *pH saliva* dan pengalaman karies pada anak prasekolah di SPS TA'AM Mathlaul Anwar Kota Tasikmalaya. **Metode:** Desain penelitian yang digunakan dalam penelitian ini adalah survei analitik dengan menggunakan pendekatan *cross sectional study*. Analisa data yang digunakan adalah Uji Korelasi *Spearman* dan Uji Korelasi *Pearson*. **Hasil:** Sebagian besar anak prasekolah mengalami kasus karies sedang dengan asam *pH saliva* dan frekuensi konsumsi susu formula 3 kali. **Hasil:** penelitian diperoleh bahwa terdapat hubungan signifikan antara konsumsi susu formula dengan *pH saliva* ($p=0,001$) dan untuk pengalaman karies ($p=0,001$). **Kesimpulan:** Terdapat hubungan antara konsumsi susu formula dengan *pH saliva* dan pengalaman karies.

Kata Kunci : Karies Gigi, *pH Saliva*, Susu Formula, Anak Prasekolah

Referensi : 41 (2010-2022)

THE RELATIONSHIP BETWEEN FORMULA MILK CONSUMPTION AND SALIVARY PH AND CARIES EXPERIENCE IN PRESCHOOL CHILDREN AT SPS TA'AM MATHLAUL ANWAR TASIKMALAYA CITY

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ABSTRACT

Dental caries is damage to the hard tissues of the teeth caused by acids present in carbohydrates through the intermediary of microorganisms present in saliva. The process of caries is multifactorial due to the interaction between the teeth as a host with saliva, oral bacteria, and easily fermented food. Giving formula milk can cause problems for children's health, one of which is related to the health of children's teeth and mouth. According to the global *Burden of Disease Study* 2019, 520 million children suffer from dental caries. **Objective:** to analyze the relationship between formula milk consumption with *salivary pH* and caries experience in preschool children at SPS TA'AM Mathlaul Anwar Tasikmalaya City. **Method:** The research design used in this study was an analytical survey using a cross sectional study approach. The data analysis used is the *Spearman Correlation Test* and the *Pearson Correlation Test*. **Result:** Most preschoolers experience moderate cases of caries with *salivary pH* acid and the frequency of formula milk consumption is 3 times. **Results:** the study found that there was a significant relationship between formula milk consumption and *salivary pH* ($p = 0.001$) and for caries experience ($p = 0.001$). **Conclusion:** There is a relationship between formula milk consumption and *salivary pH* and caries experience

Keywords : Dental Caries, *Salivary pH*, Formula Milk, Preschoolers

References : 41 (2010-2022)