

# HUBUNGAN ANTARA POLA PEMBERIAN SUSU FORMULA DENGAN KESEHATAN GIGI BALITA DI POSYANDU HARAPAN BANGSA PINGIT DESA KECAMATAN PRINGSURAT TEMANGGUNG

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## INTISARI

**Latar Belakang:** Pemberian susu formula dapat meningkatkan risiko oklusi gigi pada anak. Dampak kerusakan gigi pada balita akan mempengaruhi tumbuh kembang anak nantinya. Balita yang mengalami kerusakan gigi akan menyebabkan nafsu makan menurun, hal ini yang akan mempengaruhi perkembangan fisik anak terganggu. Dari studi pendahuluan terhadap 10 balita di Posyandu Harapan Bangsa Pingit Desa kecamatan Pringsurat Temanggung terdapat 6 balita diantaranya yang mengalami kerusakan berupa karies gigi.

**Tujuan Penelitian:** Diketuainya hubungan antara pola pemberian susu formula dengan kesehatan gigi balita.

**Metode Penelitian:** Penelitian ini adalah *kuantitatif, non eksperimental* dengan rancangan *cross sectional* dengan metode *diskriptif*. Lokasi penelitian Posyandu Harapan Bangsa Pingit Desa Kecamatan Pringsurat Temanggung. Teknik pengambilan sampel menggunakan teknik *purposive sampling* dengan responden sebanyak 34 responden. Teknik analisa data menggunakan uji *Spearman Brown* dan uji  $x^2$  dengan kontingensi 2x2.

**Hasil:** Hasil penelitian yang dilakukan peneliti terhadap 34 balita yang mengkonsumsi susu formula, 16 diantaranya mengalami kerusakan berupa karies gigi. Hasil uji statistic *Chi Square* diperoleh nilai p sebesar 0,002 lebih kecil dari  $(\alpha)=0,05$ , sehingga  $H_0$  diterima, atau ada hubungan yang signifikan antara pola pemberian susu formula dengan kesehatan gigi balita.

**Kesimpulan:** Ada hubungan antara pola pemberian susu formula dengan kesehatan gigi balita di Posyandu Harapan Bangsa Pingit Desa Kecamatan Pringsurat Temanggung.

**Kata Kunci:** Pola pemberian susu formula, Balita, Kesehatan gigi.

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**THE RELATION BETWEEN FORMULA MILK ADMINISTRATION  
PATTERN WITH UNDER FIVE CHILDREN'S TEETH HEALTH IN  
HARAPAN BANGSA INTEGRATED CARE CENTER PINGIT  
DESA PRINGSURAT DISTRICT TEMANGGUNG**

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**ABSTRACT**

**BACKGROUND:** Formula milk may raise the risk of teeth occlusion on children. The effect of teeth occlusion on under five children will affect the children's growth, under five children who have teeth occlusion will have low appetite which will bring disorder to children's physical development. From initial study on 10 under five children in Harapan Bangsa integrated care center pingit desa pringsurat district temanggung there are 6 under five children who have teeth carries.

**Objective:** To figure out the relation between formula milk administration and under five children's teeth health.

**Method:** This is a quantitative research non experimental with cross sectional and descriptive method. The location of research is in Harapan Bangsa integrated care center pingit desa pringsurat district temanggung. Sampling technique uses purposive sampling technique with 34 respondent. Data analysis technique uses spearman brown test and  $X^2$  test with contingency 2x2.

**Result:** 16 under five children have teeth carries. The result of Chi square statistical test shows p-value 0,02 lower than  $(\alpha) = 0,05$ , so that  $H_a$  is accepted, or there is a significant relation between formula milk administration pattern and under five children's teeth health.

**Conclusion:** There is relation between formula milk administration pattern and under five children's teeth health.

**Keyword:** Formula milk administration pattern, Under five children, teeth health.

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