

THE ASSOCIATION BETWEEN PARENTAL SOCIOECONOMIC STATUS AND DENTAL CARIES IN 6-7 YEARS OLD CHILDREN IN KEDUNGWINONG VILLAGE, NGUTER, SUKOHARJO

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ABSTRACT

Background: Dental caries is the most common dental and oral disease found in Indonesia, especially in children. The incidence of caries in children is influenced by various risk factors, including parental education level and income. The aim of this study was to determine the relationship between education and parental income with the incidence of caries in children aged 6-7 years in Kedungwinong Village.

Subjects and Methods: This was an analytic observational study with a cross-sectional design. The study was conducted at Kedungwinong elementary school I, Kedungwinong elementary school II, and Kedungwinong muhammadiyah elementary school, in August 2022. The population were parents and children aged 6-7 years in Kedungwinong Village, 41 samples were selected with total sampling technique according to the inclusion and exclusion criteria. The dependent variable was the child's caries status. The independent variables were parental socioeconomic status including the level of education and income. Primary data was collected using questionnaire to determine the socioeconomic status of parents and observation method to determine the caries status of children. The data were analyzed by odd ratio and chi-square.

Results: There was no relationship between mother's education (OR= 2,955; 95%CI= 0.310 to 28.140; p=0.645), father's education (OR= 1.182; 95%CI= 0.189 to 7.372; p= 1.000), and parental income (OR= 0.238; 95%CI= 0.025 to 2.248; p= 0.373) on the incidence of caries in children.

Conclusion: There was no relationship between parental education level and income with caries status in children.

Keywords: socioeconomic status, education, income, caries

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