

ASSOCIATION PARENTING STYLES WITH FEEDING STYLES OF EARLY CHILDHOOD CARIES (ECC) (Study of Children 3-5 Years Old in Depok District)

Nirmalasari¹, Rosa Amalia², and Al Supartinah³

ABSTRACT

Background: Parenting styles defined as activities of parents with an aim of helping their child to bring forth. A three parenting styles are authoritarian, authoritative and permissive. High intake of foods containing sugar without parental control can increase the incidence of ECC. Early Childhood Caries (ECC) defined as the presence of one or more decayed (non-cavitated or cavitated lesions), missing (due to caries) or filled tooth surfaces in any primary tooth in children <71 months of age. Feeding styles influenced by the way parents interact with their children can cause ECC. **Objective:** To study the association of parenting styles parents with feeding styles of ECC. Ages of children ranged from 3-5 years old.

Method: The research was analytical cross-sectional study. Samples were selected by purposive sampling technique. Data were collected from 105 paired mothers and children divided into three parenting styles (authoritarian, authoritative and permissive) in Depok District. Parenting styles and feeding styles are obtained through questionnaires for mothers while intraoral examination to see the ECC in children using the dmft index of WHO. Data were collected and analyzed using path analysis with regression logistic multinomial of $p < 0,05$.

Result: A statistically significant association was noted between parenting styles and ECC ($p < 0,05$), parenting styles and feeding styles ($p < 0,05$), but there was no significant association between feeding styles and ECC ($p = 0,625$). The caries prevalence of children having permissive parents was 63,84%, authoritarian 26,21% and authoritative 9,95%. Authoritative parenting is associated with children having low of ECC and consumption of cariogenic foods.

Conclusion: Parenting styles have direct association with feeding styles and ECC.

Keywords: Parenting style, Feeding style, Cariogenic food, Children, ECC, Depok.

¹ *Master of Dental Science in Prevention and Promotion of Dental Health, Faculty of Dentistry, Universitas Gadjah Mada*

² *Department of Preventive and Community Dentistry Faculty of Dentistry, Universitas Gadjah Mada*

³ *Department of Pediatric Dentistry, Faculty of Dentistry, Universitas Gadjah Mada*