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Impact of Nutritional Status on Eruption of Toddler Teeth Raudatul Agva Zahira

ABSTRACT

Nutritional status is a condition of the body that is influenced by food consumption or nutrient intake. Factors that influenced nutritional status include food intake, availability of food, knowledge, and health facilities. The imbalance between nutrient intake and needs will lead to nutritional problems. Nutritional problems consist of malnutrition and excess nutrition. Toddlers with malnutrition problems will experience delayed eruption of deciduous teeth compared to children without malnutrition problems. Indonesia has 16.29% of underweight children, 27.6% of children under five suffer from stunting, and 7.44% of children under five suffer from wasting. The purpose of writing this literature review is to provide an overview of the impact of nutritional status on toddler tooth eruption. The nutritional status of children under five is assessed according to 3 indices, namely body weight for age (BW/U), height for age (TB/U), and body weight according to height (BW/U). The results from the nutritional status index of the toddler will determine the z-score of the toddler. Based on several studies, it can be concluded that toddlers with overweight experience faster tooth eruptions. Toddlers with mild malnutrition and severe malnutrition have fewer deciduous teeth at the age of 1-2.5 years, toddlers with short and very short conditions have fewer deciduous teeth at 1-3 years old, and toddlers with thin and very thin conditions have a smaller number of deciduous teeth at the age of 0.5-3 years. This delay can be different for each type of nutritional problem suffered and the region or country occupied by the child. The delay in deciduous teeth will affect speech function, occlusion and aesthetics.

EDJAJAAN

Keywords: toddlers, tooth eruption, nutritional status.