

SEVERITY OF ORAL AND DENTAL HEALTH AT MUKIM AGE 10 – 12  
YEARS AT ISLAMIC BOARDING SCHOOL ROUDHOTUL MUTA'ALIMIN  
MUTA'ALIMAT IN PASURUAN

**ABSTRACT**

**Background :** *The Untreated dental caries could effects infection of pulpa and abnormalities of surrounding soft tissue. According to the RISKEDAS 2007 the prevalence of dental caries was 23.2% to 25.9% in 2013, despite the fact that the dental and oral care gradually increased from 29.7% to 31.1%. Most of the students of Islamic Boarding School which is also known as Mukim, have a lack of health awareness because of lack of supervisions from adults so that they face high risk to experience oral diseases. The rarity of brushing teeth, causing a buildup of plaque that causes dental caries. Most of Mukim are 10-12 year-old. Generally, they have a high caries risk, because at this age, they usually eat a lot of unhealthy snacks and drinks. Therefore DMFT index used to measure dental caries, while the index of PUFA to measure the severity of dental and oral diseases which is caused by untreated caries.* **Purpose:** *The main aim of this study is to know the severity of dental and oral diseases based on PUFA index and the DMF-T index on students aged 10-12 years in Islamic Boarding School.* **Method:** *The research is use descriptive method and total sampling. The study was conducted at Roudhotul Muta'allimin Muta'allimat Islamic Boarding School in Pasuruan. The data was obtained by clinical examination based on DMFT index and PUFA index through screening directly into the oral cavity. The data will be described with the factors that cause caries both internally and externally.* **Results:** *According to the data which is obtained from clinical examination to the students, the average DMF-T index in this study amounted to 4.7 indicating that caries occurs on most of the respondents based on the assessment criteria scores DMF-T. The PUFA index obtained with an average value 2,4 from the total number of untreated teeth with caries that causes severity of dental and oral diseases.* **Conclusion:** *This research shows that the index value of PUFA on students aged 10-12 years in Roudhotul Muta'allimin Muta'allimat Islamic Boarding School is as many as 129 with an average of 2,4. The value obtained by D (decay) DMF-T from who have untreated caries that causes the severity of dental and oral diseases.*

**Key word: Keywords:** *Severity of dental and oral diseases, DMFT index, PUFA index*