Caries Severity of Sememi Elementary Students of Grade V and VI in Surabaya

ABSTRACT

Background. Dental caries is still one of the highest oral health problems in Indonesia, especially for kids. Children who suffered from dental caries tend to ignore this problem as long as it was not interfere with their activities. In fact, ignoring dental caries could come to an untreated dental caries that could cause dental caries severity that will affect their activities. Purpose. The aim of this study was to find out about the caries severity of dental caries of students in peripheral area of Surabaya, Indonesia. Method. This research was done in Sememi Elementary School for students grade V and VI. Their oral condition was observed and the dental caries was noted. To calculate the severity of dental caries, researcher use PUFA Index which calculate the severity as the presence of Pulpal involvement, Ulcer, Fistulae, and Abscess that caused by dental caries. The severity was then cross-tabbed with its possible risk factor. Results. The PUFA index was 59.43% and the possible risk factor was bad sweets consumption habits, bad brushing habits, and behavior of accessing dentist. Conclusion. The result showed that 59.43% of student’s teeth that suffered from dental caries were turned to severe condition.

Keywords: caries severity, PUFA Index, elementary children