ABSTRACT

KEPARAHAN GINGIVITIS PADA PASIEN POLI GIGI PUSKESMAS SAWAHAN SURABAYA TAHUN 2016 MENGGUNAKAN *GINGIVAL INDEX* (GI)

GINGIVITIS SEVERITY OF PATIENTS AT DENTAL CLINIC PUSKESMAS SAWAHAN SURABAYA IN 2016 USING GINGIVAL INDEX

ABSTRACT

Background: According to Riskesdas 2013, Indonesia has a prevalence of gingivitis as high as 96,5%. Gingivitis is an inflammation in gingival tissue caused by many factors, usually bacterial invasion from plaque. Progression of gingivitis will cause inflammatory process which can harm periodontal tissue of the teeth, called periodontitis. In the end, inflammation in periodontal tissue cause loss of teeth that will influence masticatory function. Thus, it is very important to realize the clinical signs of gingivitis to prevent more severe medical conditions. *Purpose: The aim of this study was to identify the gingivitis description of patients in Puskesmas Sawahan based on gender, age, education and habitual factors.* *Method: A cross sectional study was conducted at the dental clinic of Puskesmas Sawahan in a month period. This study involved 100 patients with random sampling method. The gingival tissue of patients was examined with gingival index (GI). A periodontal probe is inserted into the gingival sulcus on the tooth of 16, 21, 26, 36, 41, and 46.* *Results: According to GI score category, from 100 patiens there were 15 patients had mild gingivitis, 80 patients had moderate gingivitis, and 5 patients had severe gingivitis. Patients who have the highest GI score were men, patient with low education, patient with age >60 years and patients who brush their teeth one time a day.* *Conclusion: Mostly of patients in Puskesmas Sawahan had moderate gingivitis category.*

Keywords: gingivitis, gingival inflammation, bleeding on probing, gingival index