THE INFLUENCE OF THE GRANTING OF THE DECOCTION OF CINNAMON (CINNAMOMUN BURMANII) AGAINST A DECREASE INPATIENTS WITH HALITOSIS TARTAR IN WORKING AREA CLINICS SUKORAME KEDIRI

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ABSTRACT

Background: On patient with tartar susceptible have halitosis because there is accumulation of bacteria in the mouth. One alternative measures to reduce the level of halitosis is to gargle using cinnamon stew. Purpose of this research is to determine influence of giving the cinnamon stew against decrease halitosis on patient with tartar in the work area of Sukorame Public Health Center Kediri City.

Method: The research design which used pre-experimental research with one group pre test–post test design. Population in this research were all patients with tartar in the work area of Sukorame Public Health Center Kediri City as many as 20 respondents with using purposive sampling obtained the samples 19 respondents. Instrument which used Helimeter with Willcoxon Test.

Results: The level of halitosis on patient with tartar in the work area of Sukorame Public Health Center Kediri City before giving the cinnamon stew (Cinnamomun burmannii) be discovered that almost respondents in the category of bad breath (medium) as many as 16 respondents (84%). The level of halitosis on patient with tartar in the work area of Sukorame Public Health Center Kediri City after giving the cinnamon stew (Cinnamomun burmannii) be discovered that almost respondents have decrease halitosis in the category of no bad breath as many as 13 respondents (68%). Result of data analysis showing that p-value = 0.000 at significant level α = 0.05. Because p-value < α then rejected and H1 is accepted which means there influence of giving the cinnamon stew against decrease halitosis on patient with tartar in the work area of Sukorame Public Health Center Kediri City. In the cinnamon contains essential oils and tannin which can reduce bacteria in the mouth so that can reduce the bad breath.

Keywords: cinnamon stew, halitosis, tartar