

FACTORS THAT CORELATION TO THE INCIDENCE OF OCCUPATIONAL CONTACT DERMATITIS ON THE WORKERS OF CAR WASHES IN SUKARAME VILLAGE BANDAR LAMPUNG CITY

**By
Donna Rozalia Mariz**

Abstract

Occupational contact dermatitis is one of the most occurs skin disease of the worker that get contact with chemical and biological material frequently. This disease may reduce worker productivities. Therefore, prevention is recommended to this disease. Knowing the factors related to occupational contact dermatitis, we wished the prevention easier to done. So that, the objective of this research is to investigate factors related to occupational contact dermatitis on workers at car washes in Sukarame Village Bandarlampung City.

The study design of this analytic research is cross-sectional, which is conducted on workers at Carwash in Sukarame Village Bandarlampung City. The research subjects were selected using a total sampling, and the total subjects were 50 respondents. Data collecting procedure was carried out by questionnaire to each of 50 respondents. This research used Fisher exact statistical test because the expected value is less than 5 in any of the cells.

From the results of the study found that 78% of respondents experienced occupational contact dermatitis. Based on statistical tests, frequency of contact, duration of contact, personal hygiene and the use of Self Protection Device (SPD) obtained a result of $p < 0.05$, which means there is a meaningful relationship to the incidence of occupational contact dermatitis. Whereas the factors of age, gender, and history of previous illness have no meaningful relationship ($p < 0.05$) with the incidence of occupational contact dermatitis.

Keywords: Factors that correlation, occupational contact dermatitis, workers