

ABSTRACT

RELATION BETWEEN THE USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE) AND PERIODS OF EMPLOYMENT ON CLEANING SERVICE OFFICERS SUFFERED FROM OCCUPATIONAL CONTACT DERMATITIS IN RSUD DR. H. ABDUL MOELOEK LAMPUNG PROVINCE

BY

BELA RISKI DINANTI

Occupational skin disease is the most common occupational diseases, with approximately 50-75% cases worldwide. Occupational contact dermatitis is a skin disorder that is often encountered. Occupational diseases can affect all workers in hospital, both medical (such as nurses, doctors and dentists) and non-medical such as cleaners (cleaning service officers).

This study used a descriptive analytical method with cross-sectional approach. These study population were 104 cleaning service officers in RSUD Dr. H. Abdul Moeloek Lampung Province by using total sampling method and Chi square test ($\alpha=5\%$).

The results showed that 29,4 % of the officers do not use Personal Protective Equipment (PPE) and 70,6% use PPE, 46,1% of the officers have <3 years periods of employment and 53,9% have ≥ 3 years periods of employment. Statistical analysis showed a significant relation between the use of PPE and occupational contact dermatitis ($p=0,02$) and there was no significant relation between the period of employment and occupational contact dermatitis ($p=0,59$). The recommendation for all cleaning service officers is to use a standardized PPE while working to prevent an occupational contact dermatitis.

Keywords: *Cleaning service officers, Occupational contact dermatitis, Periods of employment, The use of Personal Protective Equipment (PPE)*