

ABSTRACT

CORRELATION BETWEEN ATOPIC HISTORY, PERSONAL HYGIENE AND TIME OF EXPOSURE ON CLEANING SERVICE WITH OCCUPATIONAL IRRITANT CONTACT DERMATITIS IN RSUD DR. H. ABDUL MOELOEK LAMPUNG PROVINCE

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Irritant contact dermatitis is the clinical result of exposure to non specific toxic materials that cause damaging to epidermis and dermis. This disease is often found on cleaning service because always contact with chemical materials. This study aims to determine relation between atopic history, personal hygiene, and time of exposure on cleaning service with occupational irritant contact dermatitis. This is a cross sectional study. The study was conducted in October – November 2014 on cleaning service in RSUD Dr. H. Abdul Moeloek Lampung Province with total sample 102 people. Sampling method was total sampling. the data was analysed by using chi square. The result was found incidence of contact dermatitis on cleaning service are 46,1%. Respondents with good personal hygiene more than bad personal hygiene. Respondents with atopic history are less than without atopic history. Respondents with ≤ 3 hours exposure are less than >3 hours exposure. Conclusion of this study are there is a relation between personal hygiene ($p=0,001$), atopic history ($p=0,008$) and rime of exposure ($p=0,042$) with incident of contact dermatitis

Keyword: cleaning service, irritant contact dermatits, occupational disease, skin.