



CONTACT DERMATITIS AND OCCUPATIONAL DERMATOSES

THE CORRELATION OF OCCUPATIONAL CONTACT DERMATITIS WITH QUALITY OF LIFE OF THE LEATHER CRAFTSMEN IN THE CENTER OF LEATHER CRAFTS INDUSTRY MANDING DAERAH ISTIMEWA YOGYAKARTA

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Introduction: Occupational Contact Dermatitis (OCD) is an inflammation of the skin due to contact of various materials used in the work environment. Leather crafts industry has a high potential to cause OCD on its workers. Pigment alteration of the affected skin and general discomfort due to skin structure damage from OCD can potentially reduce the worker's Quality of Life (QoL).

Objective: To determine the correlation between Occupational Contact Dermatitis and Quality of Life of the Leather Craftsmen in the Center of Leather Crafts Industry Manding Daerah Istimewa Yogyakarta.

Methods: Observational analytic study with a cross-sectional design. 56 Leather Craftsmen were interviewed using Indonesian-translated version of Nordic Occupational Skin Questionnaire 2002 (NOSQ-2002) and Dermatology Life Quality Index (DLQI). Data were analyzed using Chi-Square ($p < 0,05$).

Results: Occupational Contact Dermatitis was suspected in 39,3% subjects with mean DLQI score ($9,05 \pm 2,98$). There was a statistically significant correlation between OCD with QoL ($p = 0,000$) with strong correlation ($r = -0,71$).

Conclusion: OCD has a significant role in reducing QoL of leather craftsmen in the Center of Leather Crafts Industry Manding Daerah Istimewa Yogyakarta.

Keywords: Occupational Contact Dermatitis, Quality of Life, Leather Craftsmen

