HUBUNGAN PENGETAHUAN TENAGA KERJA PADA BAGIAN PRODUKSI DENGAN KEPATUHAN PENGGUNAAN MASKER DI PERCETAKAN UANG KERTAS DI KARAWANG

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Abstrak

Percetakan uang Republik Indonesia merupakan bagian vital dari sektor pemerintahan. Saat ini Perusahaan Umum Percetakan Uang Republik Indonesia (Perum Peruri) merupakan satu-satunya Badan Usaha Milik Negara (BUMN) yang bergerak dalam bidang pencetakan uang Rupiah. Infeksi Saluran Pernafasan Akut (ISPA) menjadi kasus penyakit terbanyak di Kabupaten Karawang pada tahun 2018 sebanyak 175.891 kasus menurut Dinas Kesehatan Kabupaten Karawang. Tujuan penelitian ini adalah untuk mengetahui hubungan antara pengetahuan dengan kepatuhan penggunaan masker pada tenaga kerja bagian produksi di percetakan uang kertas di Karawang. Desain penelitian yang digunakan oleh peneliti yaitu *cross sectional study*. Data dikumpulkan menggunakan kuesioner. Populasi pada penelitian ini adalah tenaga kerja pada bagian produksi Perum Peruri Karawang dengan sampel 128 orang. Teknik pengambilan sampel menggunakan *consecutive sampling*. Data dianalisis menggunakan uji korelasi bivariat spearman. Hasil uji didapatkan nilai (p=0,026) dan nilai OR (3,54). Berdasarkan dari hasil uji korelasi didapatkan hubungan yang cukup signifikan antara pengetahuan dengan kepatuhan penggunaan masker.

Kata kunci: pengetahuan, kepatuhan penggunaan masker, percetakan uang.

CORRELATIONS OF LABOR KNOWLEDGE IN THE PRODUCTION SECTION WITH COMPLIANCE WITH THE USE OF MASK IN PRINTING INDUSTRY IN KARAWANG

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Abstract

The printing industry is one of the industrial sectors that has a risk of occupational disease through high inhalation exposure, especially for workers in the production department. Printing machines used in the printing industry contain titanium dioxide, iron oxide, silica, and polycyclic aromatic hydrocarbons that have nanoparticle sizes (500,000 particles/cm3), so they have the potential to settle in the lungs. Workers in the production room reported exposure to chemicals that affect the respiratory system (50.9%), causing shortness of breath and chronic coughing. These conditions are not found in workers who work in the administration room. Acute Respiratory Infections (ARI) became the most disease cases in Karawang Regency in 2018 with 175,891 cases according to the Karawang Regency Health Office. The purpose of this study was to determine the relationship between knowledge and compliance with the use of masks in production workers in printing in Karawang. The research design used by the researcher is a cross-sectional study. Data were collected using a questionnaire. The population in this study were workers in the production section of Perum Peruri Karawang with a sample of 128 people. The sampling technique used consecutive sampling. Data were analyzed using the Spearman bivariate correlation test. The test results obtained a value ($p = 0.026$) and an OR value (3.54). Based on the results of the correlation test, there was a significant relationship between knowledge and compliance with the use of masks.

Keywords: knowledge, compliance with the use of masks, printing.