

# Analisis Determinan Perilaku Penerapan Protokol Kesehatan (3M) Dalam Pencegahan Covid-19 Pada Pekerja Industri Manufaktur di Kawasan Industri Kab.Karawang Tahun 2022 = Determinant Analysis of the Behaviour in Implementing Health Protocols (3M) for the Prevention of Covid-19 among Manufacturing Industry Workers in the Karawang Regency Industrial Area in 2022

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## Abstrak

Latar Belakang : Kabupaten Karawang adalah salah satu daerah dengan kawasan industri terbesar di Indonesia. Tingginya jumlah pekerja di industri tersebut membuat klaster industri menjadi penyumbang kasus Covid-19 di wilayah Kab.Karawang. Tujuan : Penelitian ini bertujuan untuk mengetahui hubungan antara faktor individu, faktor specific health belief, dan faktor lingkungan dengan perilaku penerapan protokol kesehatan (3M) pencegahan Covid-19 pada pekerja industri manufaktur. Metode : Desain studi yang digunakan adalah cross sectional. Data dikumpulkan pada bulan Agustus – September 2022 melalui survei online secara non-probablity sampling dengan sampel 454 pekerja. Hasil : Sebagian besar responden pekerja industri manufaktur memiliki perilaku yang baik (50.2%) dalam perilaku penerapan protokol kesehatan (3M). Hasil analisis multivariat menunjukkan bahwa variabel yang memiliki hubungan bermakna dengan perilaku penerapan protokol kesehatan (3M) pencegahan Covid-19 adalah pengetahuan (p value = 0.038, OR=1.66), dukungan keluarga (p value = 0.001, OR=2.23), & penerapan kebijakan pencegahan Covid-19 di tempat kerja (p value = 0.034, OR=1.66). Pekerja dengan dukungan keluarga yang rendah berpeluang 2.2 kali lebih tinggi memiliki perilaku penerapan protokol kesehatan (3M) yang kurang dibandingkan pekerja dengan dukungan keluarga inti yang tinggi setelah dikontrol variabel pengetahuan, penerapan kebijakan pencegahan Covid-19, sikap, persepsi kerentanan, persepsi manfaat, dukungan rekan kerja, & dukungan tenaga kesehatan. Kesimpulan : Untuk meningkatkan perilaku penerapan pencegahan Covid-19 pekerja tetap perlu diberikan edukasi yang rutin oleh tenaga kesehatan dengan melibatkan keluarga pekerja serta didukung dengan pengawasan dari penerapan kebijakan pencegahan Covid-19 dari manajemen perusahaan.

.....Background: Karawang Regency is one of the areas with the largest industrial estate in Indonesia. The high number of workers in the industry makes the industrial cluster a contributor to Covid-19 cases in the Karawang Regency area. Objective: This study aims to determine the relationship between individual factors, specific health belief factors, and environmental factors with the behavior of implementing health protocols (3M) to prevent Covid-19 in manufacturing industry workers. Methods: The study design used was cross sectional. Data were collected in August - September 2022 through an online survey by non-probability sampling with a sample of 454 workers. Results: Most respondents of manufacturing industry workers have good behavior (50.2%) in the behavior of implementing health protocols (3M). The results of multivariate analysis show that the variables that have a significant relationship with the behavior of implementing health protocols (3M) for Covid-19 prevention are knowledge (p value = 0.038, OR = 1.66), family support (p value = 0.001, OR = 2.23), & implementation of Covid-19 prevention policies in the workplace (p value = 0.034, OR = 1.66). Workers with low family support were 2.2 times more likely to

have poor health protocol implementation behavior than workers with high nuclear family support after controlling for variables of knowledge, implementation of Covid-19 prevention policies, attitudes, perceived vulnerability, perceived benefits, coworker support, & health worker support. Conclusion: To improve the behavior of implementing Covid-19 prevention, workers still need to be given routine education by health workers by involving workers' families and supported by supervision of the implementation of the Covid-19 prevention policy from company management.