

## ABSTRAK

Nama : Via Novizar

Program studi : Kesehatan Masyarakat

Judul : Faktor-Faktor Yang Berhubungan Dengan Kejadian Kristalisasi Urin di *Plant A PT Jembo Cable Company Tbk* Tahun 2018

Berdasarkan data RISKESDAS tahun 2013 prevalensi kristalisasi urin pada pekerja sebesar (0,7%). Berdasarkan data klinik PT Jembo *Cable Company Tbk* tahun 2018 sebanyak 194 pekerja mengalami kristalisasi urin. Tujuan penelitian ini untuk menganalisis Faktor-Faktor Yang Berhubungan Dengan Kejadian Kristalisasi Urin di *Plant A PT Jembo Cable Company Tbk* Tahun 2018. Penelitian dengan desain *cross sectional* dan sampel sebesar 90 pekerja analisis data dengan univariat dan bivariat dengan menggunakan uji *chi square* . Penelitian dilakukan pada bulan Agustus-Januari tahun 2019. Hasil penelitian ditemukan sebanyak 53 pekerja (59,9%) tidak mengalami kristalisasi urin.. hasil uji univariat menunjukkan bahwa lebih banyak yang tidak kristalisasi urin sebanyak 53 pekerja (58,9%), 45 pekerja (50%), memiliki kebiasaan minum air putih tidak berisiko 52 pekerja (57,8%), tidak memiliki riwayat penyakit ginjal 61 pekerja (67,8%), dan tidak obesitas 60 pekerja (66,7%). Terdapat hubungan antara kebiasaan minum air putih (PR= 2,526, 95% CI 1,487-4,291), riwayat penyakit ginjal (PR= 4,382, 95% CI 2,586-7,427), obesitas (PR=2,625 95% CI 1,623-2,625) dengan kristalisasi urin. Diharapkan perusahaan dapat memaksimalkan program yang telah dibuat dengan cara menambah personil SDM K3, adanya sanksi tegas kepada pekerja yang melanggar peraturan.

Kata Kunci: Kristalisasi Urin; pekerja; umur; masa kerja; kebiasaan minum air putih; riwayat penyakit ginjal; obesitas

6 Bab, 55 halaman, 1 gambar, 14 tabel, 14 lampiran

Pustaka: 55 (1970-2017)

## ABSTRACT

Name : Via Novizar

Major : Public Health

Title : Factors Related to urine crystallization in Production workers A at PT Jembo *Cable Company* Tbk in 2018

Based on data of Basic Health Research (RISKESDAS) the prevalence of urine crystallization in workers was (0.7%). Based on clinical data from PT Jembo *Cable Company* Tbk in 2018 as many as 194 workers reported crystallization of urine. The purpose of this study was to analyze the factors related to the incidence of urine crystallization at PT Jembo *Cable Company* Tbk's Factory in 2018. The study was a cross-sectional design and a sample of 90 workers analyzed data with univariate and bivariate using the chi square test. Research conducted in August-January 2019. The results of the study found that 53 workers (59.9%) did not succeed in crystallizing urine. Univariate test results showed more who did not crystallize urine as much as 53 workers (58.9%), 45 workers (50%), have the habit of drinking water at no risk of 52 workers (57.8%), have no risk of kidney disease 61 workers (67.8%), and not obese 60 workers (66.7%). There was a relationship between drinking water habits (PR = 2,526, 95% CI 1,487-4,291), history of kidney disease (PR = 4,382, 95% CI 2,586-7,427), obesity (PR = 2,625 95% CI 1,623-2,625) with crystallization urine. It is expected that the company can maximize the program that has been made by adding K3 HR employees, the agreed tolerance for workers who are violated by regulations.

Keyword: urine crystallization; age, years of service, White water habit of drinking, Kidney disease history, obese.

6 chapters, 55 pages, 1 picture, 14 tables, 14 attachments

Library: 55 (1970-2017)