

THE RELATIONSHIP BETWEEN THE LEVEL OF EMERGENCY ROOM DENSITY WITH THE WORK STRESS OF NURSES AT THE EMERGENCY ROOM RSUP dr. SOERADJI TIRTONEGORO KLATEN

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ABSTRACT

Background: The density of the emergency room has impacts including increased mortality, increased length of stay, decreased patient satisfaction. The impact of overcrowding for nurses is work stress and results in increased medical errors.

Objectives: To knowing the relationship between the level of emergency room density with the work stress of nurses at the emergency room RSUP dr. Soeradji Tirtonegoro Klaten.

Methods: The type of this research is descriptive non-experimental quantitative with correlation study method and cross sectional design. This research was conducted in December 2019 until March 2020. The population of this research were all emergency nurses of RSUP dr. Soeradji Tirtonegoro. The sampling technique in this research was total sampling with inclusion and exclusion criteria so that the respondents numbered 20 nurses. Data analysis using *rank-spearman*.

Result: The most frequently occurring density level is level 4 (overcrowded) of 13 measurements (61.91%) out of 21 measurements, while nurses' work stress that most often appears is moderate stress as many as 56 measurements (62.3%) of 90 measurements. The results of research on the condition of the level of density level 4 (overcrowded) nurses experiencing moderate stress as many as 40 measurements (44.4%). The *rank-spearman* test results obtained *Sig. (2-tailed)* 0,000 so the value of *Sig. (2-tailed)* <0.05. The visible correlation coefficient is 0.725 so it is between 0.6 - 0.799. H_a is accepted.

Conclusion: A strong relationship between the level of emergency room density with the work stress of nurses in the emergency room of RSUP dr. Soeradji Tirtonegoro Klaten.

Keywords: density level, emergency department, work stress, nurses

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HUBUNGAN TINGKAT KEPADATAN IGD DENGAN STRES KERJA PERAWAT DI IGD RSUP dr. SOERADJI TIRTONEGORO KLATEN

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ABSTRAK

Latar Belakang: Kepadatan IGD mempunyai dampak antara lain peningkatan mortalitas, peningkatan *length of stay*, penurunan kepuasan pasien. Dampak kepadatan bagi perawat adalah stres kerja dan berakibat peningkatan *medical error*.

Tujuan: Mengetahui hubungan tingkat kepadatan IGD dengan stres kerja perawat di IGD RSUP dr. Soeradji Tirtonegoro Klaten.

Metode: Jenis penelitian ini adalah deskriptif kuantitatif non eksperimental dengan metode *correlation study* dan rancangan *cross sectional*. Penelitian ini dilaksanakan pada bulan Desember 2019 sampai Maret 2020. Populasi penelitian ini adalah seluruh perawat IGD RSUP dr. Soeradji Tirtonegoro. Menggunakan teknik *total sampling* dengan kriteria inklusi dan eksklusi sehingga responden berjumlah 20 orang. Analisis data menggunakan *rank-spearman*.

Hasil: Tingkat kepadatan yang paling sering muncul adalah level 4 (*overcrowded*) sebanyak 13 pengukuran (61,91%) dari 21 pengukuran, sedangkan stres kerja perawat yang paling sering muncul adalah stres sedang sebanyak 56 pengukuran (62,3%) dari 90 pengukuran. Hasil penelitian pada kondisi tingkat kepadatan level 4 (*overcrowded*) perawat mengalami stres sedang sebanyak 40 pengukuran (44,4%). Hasil uji *rank-spearman* di dapatkan nilai *Sig. (2-tailed)* 0,000 sehingga nilai *Sig. (2-tailed)* < 0.05. Nilai koefisien korelasi yang tampak yaitu 0,725 sehingga berada di antara 0,6 – 0,799. Ha diterima.

Kesimpulan: Adanya hubungan yang kuat antara tingkat kepadatan IGD dengan stres kerja perawat di IGD RSUP dr. Soeradji Tirtonegoro Klaten.

Kata Kunci: kepadatan, intsalasi gawat darurat, stres kerja, perawat

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