

## Hubungan tingkat kebisingan di lingkungan kerja dengan kejadian gangguan pendengaran pada pekerja PT X = The relationship between noise level in working environment with hearing loss occurrence in workers in PT X

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### Abstrak

Penelitian ini membahas hubungan tingkat kebisingan di lingkungan kerja dengan kejadian gangguan pendengaran pada pekerja PT X. Desain penelitian yang digunakan adalah coss sectional. Sampel penelitian berjumlah 110 pekerja pada area kerja AC dan mesin cuci. Terdapat 33 pekerja yang mengalami gangguan pendengaran setelah dilakukan pemeriksaan menggunakan garpu tala. Intensitas kebisingan di dua area kerja antara 86,4 dB-90,1 dB setelah diukur menggunakan Sound Level Meter. Hasil penelitian menunjukkan tidak ada hubungan bermakna, tetapi tingkat kebisingan di dua area kerja telah melebihi nilai ambang batas.

.....This study aims to determine the relationship between noise levels in working environment with hearing loss occurrence in workers in PT X. The study design used was cross sectional study. Sample of this study is 110 workers in AC and laundry system areas. There are 33 workers that suffer of hearing loss after measured by tuning fork. The noise intensity in two area is between 86,4 dB - 90,1 dB after measured by Sound Level Meter. The study result showed there is no significant relation, but noise level in two areas exceed the limit.