

# Pengaruh sistem kerja next cell dan faktor risiko lainnya terhadap kecelakaan kerja di perusahaan elektronik Daerah Depok Jawa Barat = Influence nex cell system and other work accident risk factors to accidents in the electronics company Depok West Java

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## Abstrak

[<b>ABSTRAK</b><br>

Latar belakang: Penelitian ini bertujuan mencari pengaruh sistem kerja nextcell yang bersifat multitasking dan faktor risiko lainnya terhadap kecelakaan di industri elektronik daerah depok pada tahun 2010-2013. Angka severity rate kecelakaan kerja pada periode kerja 2010-2012 (4,47 manhour;8,46/1000 manhour;28,91/1000 manhour) yang menjadikan dasar untuk dilakukan penelitian ini.

Metode: Penelitian menggunakan disain kasus kontrol berpadanan, kasus berjumlah 49 responden diambil dari data kecelakaan kerja periode 2010-2013 dan kontrol 98 responden, kontrol dipilih berdasarkan matching departemen kerja, tempat kerja serta diskripsi kerja yang sama. Variabel kecelakaan kerja merupakan variabel dependen dan sistem kerja, masa kerja, status pekerja, kerja shift, alat pelindung diri dan kebisingan. usia, jenis kelamin dan riwayat kesehatan merupakan variabel independen.

Hasil: Jumlah responden dengan kerja sistem nextcell 70 (47,61%) responden dan bukan nextcell berjumlah 77 (52,39%) responden. Responden dengan kerja nextcell mengalami kecelakaan 25 (35,7%). Penelitian ini mendapatkan sistem kerja next cell tidak berpengaruh menimbulkan kejadian kecelakaan kerja. Variabel yang mempengaruhi kecelakaan kerja adalah adanya riwayat penyakit OR=7,44;CI(95% 3,33-16,64) dan jenis kelamin laki-laki OR= 0,31 CI (95% 0,11-0,86).

Kesimpulan: Sistem nextcell tidak mempengaruhi timbulnya kejadian kecelakaan kerja. Variabel risiko yang mempengaruhi kecelakaan kerja adalah riwayat penyakit berisiko dan jenis kelamin laki-laki.

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<b>ABSTRACT</b><br>

Background: This study aims to find the influence nextcell system that is multitasking and other risk factors to accidents in the electronics industry area depok 2010-2013. There is an increasing number of work accident severity rate in the period 2010-2011-2012 (4,47 manhour;8,46/1000 manhour;28,91/1000 manhour) which forms the basis for this research.

Methods: The study used case-control design with matched, cases amounted to 49 respondents drawn from the data of occupational accidents in 2010-2013 and 98 control respondents. Matched controls were selected by the department on work, workplace, descriptions of the same work. Variable dependent is occupational accidents and work systems, job tenure, employment status, shift work, personal protective equipment and noise. age, sex and medical history is an independent variable.

Results: The number of respondents with a working system nextcell 70 (47.61%) respondents and not nextcell 77 (52.39%) respondents. Respondents with nextcell have work accident 25 (35.7%). This research next cell does not affect cause incidence of workplace accidents. Variables health status have affect to work accidents OR = 7.44; CI (95% 3.33 to 16.64) and male gender OR = 0.31 CI (95% from 0.11 to 0.86) .

Conclusion: The nextcell system does not affect to incidence work accident. Variables health status and male can affect the risk of workplace accidents.

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