

Investigation on occupational stress of workers in clean workshops of electric company

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The survey was carried out in an electronic company in Wuxi city to learn the situation of work stress in clean workshops. The subjects including all the 391 employees in clean workshops and 202 in ordinary workshops were asked to fill in an anonymous cross-sectional questionnaire, in which the distributions of age, gender, job duration, working time and working strength were similar between two kinds of workshops. The rates of burnout, depression and stress were 19.6%, 24.5% and 87.2%, respectively. The stress score in clean workshops was higher than that of ordinary workshop ($P=0.015$). Further stratified analysis found that stress score of male in clean workshop was higher than that of female ($P=0.002$), while it was inverse in ordinary workshops ($P=0.034$). In addition, the stress score of male in clean workshops was significantly higher than that of male in ordinary one ($P=0.003$). The stress score of workers with age ≥ 22 year old was higher than that of age less than 22 years in clean workshops, while the stress rate of workers with job duration ≥ 1.6 years was more than that of those with the shorter job duration. The risk of stress in clean workshops was as 3.78 times as ordinary one and the 95% CI was 1.54-9.31 after adjusted age and gender. There were negative correlations between stress and society support in both clean and ordinary workshops. In conclusion, the work stresses were high in clean workshops of the electronic company.

Biography

Sun Ya-qiang is a MPH student of Nanjing Medical University. He carried out his research item of investigation on occupational stress of workers in clean workshops of electric company under the instruction of professor Ni. Now his daily work is mainly involved in supervision of occupational safety and health in Wuxi city.

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