

Excessive sleepiness scale, Is it recommended in pre employment and periodic medical examination?

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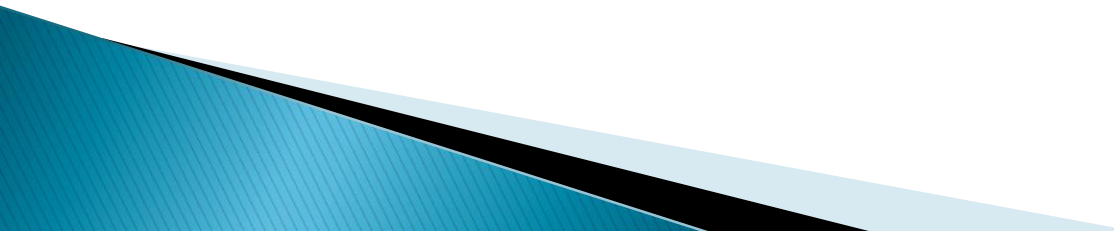
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Abstract

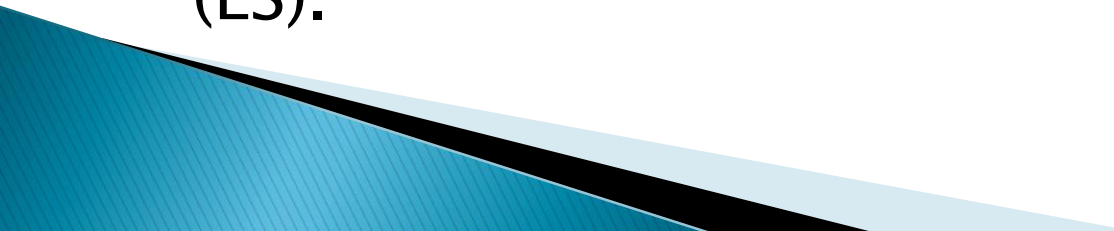
Background

Excessive sleepiness (ES) is a common complaint that has a wide range of causes, including primary sleep disorders, medical and psychiatric conditions, drugs, alcohol, and medications.

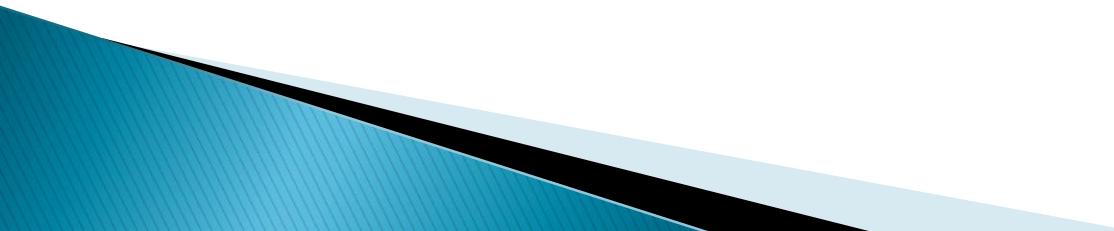
ES causes significant impairments in occupational and academic functioning, adversely affecting quality of life with compromised work productivity and risk for accidents and injuries.



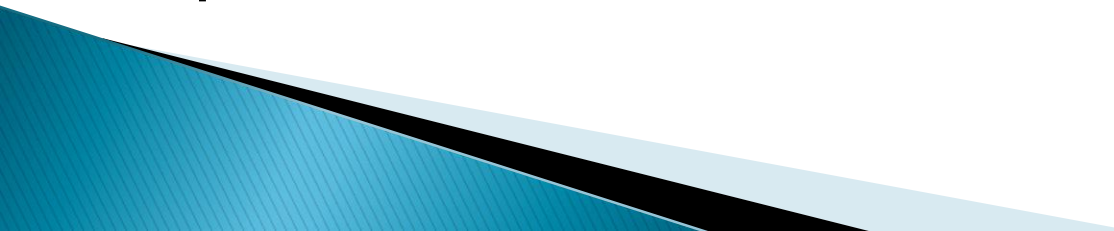
Objectives

- ▶ To find out the incidence rate of (ES) among the workers in the selected factory during their pre employment medical examination.
 - ▶ To determine the incidence rate of (ES) among the already employed workers.
 - ▶ To find out the prevalence rate of accidents and injuries among the affected workers.
 - ▶ To assess work performance among workers with (ES).
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Methodology

- ▶ Self-administered questionnaires (Epworth Sleepiness Scale) has used as a screening tools for ES.
 - ▶ Data of accidents and injuries were collected from records and analyzed to find the association between the positive cases of (ES) and the prevalence of injuries and their work performance.
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Results

- ▶ Cases were categorized into different dozing based on the results of the self-administrated questionnaire.
 - ▶ These dozing were; no chance of dozing, slight, moderate and high chance of dozing.
 - ▶ The degree of association between the different categories of dozing and the recorded accidents, injuries and work performance were statistically analyzed.
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Conclusion and Recommendation

Excessive sleepiness might be a useful routine tool in pre employment and periodic medical examination.

