

## EPV0713

### Impact of social support on the outcomes of occupational injuries in the construction sector

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**Introduction:** Occupational injuries in the construction sector constitute an important health problem affecting workers in their most productive years. The professional environment influences the outcomes of these accidents. The impact of social support among this vulnerable population may explain the difference in terms of outcomes of occupational injury.

**Objectives:** Evaluating the impact of social support in occupational injuries' outcomes among construction workers.

**Methods:** A cross-sectional analysis was conducted during 9 months among construction sector workers victim of an occupational injury consulting for an Impairment Rating Evaluation and working. Socio-professional data and the accident' outcomes were collected. Social support was evaluated by the Social Support Scale. The pain was evaluated by a Visual Analogue Scale.

**Results:** Out of 51 injured workers, 96.1% were male. The mean age was  $43.66 \pm 10.79$  years. The majority of accidents took place in 2020 (49%). Upper arm injuries represented 41.2% of injured sites. The mean pain scale was  $6.98 \pm 1.69$  and the mean length of absence was  $227.88 \text{ days} \pm 292.23$ . A proportion of 9.8 % had Low social support. Twenty-three subjects (45.1%) had not returned to work. Low social support was associated with a perception of stigma and discrimination ( $p=0.000$ ), negative outlook of the future ( $p=0.003$ ), low job satisfaction ( $p=0.000$ ) and non-return to work ( $p=0.009$ ). No association was found with pain, length of absence and sleep disorders.

**Conclusions:** Social support may influence occupational injury outcomes. This finding highlights the need for further examination of social factors among this vulnerable population.

**Disclosure of Interest:** None Declared

## EPV0714

### Satisfaction at work as a determinant of the mental health of electricians

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**Introduction:** The workplace environment influences employees' health. Authors widely recognise job dissatisfaction as a workplace. Work satisfaction can influence employees' psychological health statuses.

**Objectives:** We aimed to assess the impact of satisfaction at work on the mental health of electricians.

**Methods:** The study concerned a group of electricians who agreed to answer a face-to-face interview concerning working conditions and mental health status. Data was collected using a pre-designed questionnaire that included socio-professional characteristics, a 10-point scale of job satisfaction, and the Kessler Psychological Distress Scale (K6) between January and June 2022.

**Results:** Our study included 74 male electricians. The mean age was  $39.3 \pm 10.5$  years. The average job tenure was  $15.5 \pm 11.2$  years. The mean score of K6 was  $5.4 \pm 4.8$  (range = 0–22). The proportion of respondents with high levels of psychological distress (K6 score of 13 or greater) was 9.5 %. The mean score of satisfaction at work was  $7.7 \pm 1.8$ . Low satisfaction at work was correlated with high levels of psychological distress ( $p = 0.012$ ;  $r = -0.29$ ).

**Conclusions:** High job satisfaction was correlated with low levels of psychological distress. Policies and practices should focus on improving working conditions to enhance the mental health of employees.

**Disclosure of Interest:** None Declared

## EPV0715

### Tobacco and hypertension: a descriptive study in a psychiatric short care unit.

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**Introduction:** Patients affected by mental disorders are known to have a decreased life expectancy.

One of the main reasons are cardiovascular diseases. It is known that tobacco and hypertension are risk factors to develop them. WHO estimates that hypertension is diagnosed and treated in less than half of adults with hypertension, and even less in patients with severe mental illness.

**Objectives:** To describe the demographic characteristics of patients with tobacco consumption and hypertension admitted to a short-term hospitalization unit.

**Methods:** A three-month retrospective observational study. Data were collected by interviewing incoming patients and performing a blood pressure measurement, with no exclusion criteria.

**Results:** Of 172 patients admitted, 100 were smokers of whom 49 were men and 51 were women. Among the smokers, a total of 18 patients were diagnosed with hypertension and 79 were not diagnosed. Within the group of patients not diagnosed with hypertension, elevated blood pressure was recorded in 5 of them. A total of 67 patients were non-smokers, 23 of whom were male and 44 female. Among the non-smokers, 19 were diagnosed with hypertension and 48 were not, despite which elevated blood pressure levels were recorded in 4 of them. No data were collected from 5 patients.