implementation, in accordance with the Colombian requirements and regulations in this matter, having a recent policy and advancing in the design of processes, procedures and manuals; There are no tangible results of the evaluation of the system and specific improvement actions.

Discussion There is a need to refine the planning and implementation of strategies that contribute to the proper implementation of the SGSST; To train a greater number of the brigade, minimising the impact by the rotation of the staff. Disseminate in greater degree the politics, strategies and activities in the university community. It is necessary to design workshops according to their functions that allow them to make use of the protection elements available to them, since their perception shows that the main cause of accidents is caused by human errors.

SAFE EMPLOYMENT INTEGRATION OF NEWCOMERS TO CANADA

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Discussion There is a need to refine the planning and implementation of strategies that contribute to the proper implementation of the SGSST; To train a greater number of the brigade, minimising the impact by the rotation of the staff. Disseminate in greater degree the politics, strategies and activities in the university community. It is necessary to design workshops according to their functions that allow them to make use of the protection elements available to them, since their perception shows that the main cause of accidents is caused by human errors.

DO SELF-REPORTS OF MUSCULOSKELETAL SYMPTOMS PREDICT OCCUPATIONAL ACCIDENTS? EVIDENCES FROM A HOSPITAL-BASED CASE-CONTROL STUDY IN BRAZIL

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Introduction It was estimated that there were over 313 million non-fatal occupational accidents worldwide in 2010. In order to reduce occupational accident rate, it is necessary to determine its associated factors. Musculoskeletal symptoms have been shown: to act as a mediating factor between ergonomic conditions and occupational accidents; to be associated with perceived risk of injury; and to increase the probability of accidents. Therefore, the aim of this study was to investigate whether self-reports of musculoskeletal symptoms were associated with occupational accidents occurrence.

Methods A hospital-based case control study was conducted among workers aged 17–59 years and residing in Botucatu, Brazil. The study included cases of occupational accidents that required hospitalisation. Controls were patients who suffered a non-work-related accident. Altogether, 80 cases and 125 controls were included. Self-reports of musculoskeletal symptoms were obtained using the Nordic Musculoskeletal Questionnaire, while a standardised questionnaire was used to assess socio-demographic factors. Frequency statistics and logistic regression were conducted to analyse the data.

Result The highest musculoskeletal symptoms prevalence was for the low back, followed by shoulders and the upper back. Self-reports of upper back musculoskeletal symptoms in the last 7 days and the occurrence of occupational accidents were associated (OR=3.670, 95% CI: 1.503 to 8.963).

Discussion According to our results, musculoskeletal symptoms in the upper back do predict occupational accidents. However, we believe that further studies, with a method of musculoskeletal symptoms assessment capable of discriminating between serious and minor complaints, are necessary to determine whether self-reports of musculoskeletal symptoms in other regions are also associated with the occurrence of occupational accidents.

PUSHING AND PULLING ASSESSMENT: HOW TO DEAL WITH INTER-OPERATOR VARIABILITY

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Introduction Snook and Ciriello has been the leading methods to assess pushing and pulling for roughly 30 years. ISO11228-2 integrated it providing useful add-ons. On duties, workers apply excessive amount of force, for reasons either related to organisational, technical or legal issues. Therefore, inter-operator variability still remains a main issue to be addressed.