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Interdisciplinary intervention for Work-related musculoskeletal disorders (MSD)

¹Kern F., ¹Zuercher K., ¹Gonik V., ¹Danuser B.

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The proposed research aims to address the work-related MSD management issue through an interdisciplinary intervention involving clinical and occupational health competencies (rheumatology, occupational medicine, ergonomics).

Workers enduring MSD (especially back-pain) and absent from work are selected from volunteering companies (construction, hospitals, public transport, delivery networks). The workers are randomly placed into two groups : the control group benefits from an usual MSD management strategy and the intervention group benefits from a case-management strategy including work-hardening treatment (work oriented reeducation) and ergonomic intervention in the workplace.

The comparison of health and work-related variables prior and after intervention in the two groups will be used to assess the intervention efficiency and its economic benefits.

We expect to produce new strategies for the management of MSD and workplace rehabilitation as well as guidelines for both authorities and companies.

Keywords : Back-pain, MSD, reeducation, rehabilitation, return to work, interdisciplinary



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