

Study on Effects of Vibration among Workers Using Vibration Tools: Pilot Study

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Study on Effects of Vibration among Workers Using Vibration Tools (Pilot Study)

Abstract

Noises and vibration in the occupational setting frequently emanates from the same source. Unlike noise however, where cause-effect relationship with deafness has been clearly established, relationship between vibration and its health effects has not been fully correlated probably because it has only been relatively recent that vibration has been recognized as a trauma-inducing physical agent.

Occupational exposure to vibration may come from different sources, entering the body at various points which became the basis for its classification into local or segmental and whole body vibration. Vibration can elicit various body sensation ranging from pleasure, discomfort and pain. It can produce physiological and pathological effects and may interfere with a wide range of activities.

This pilot study involving 50 workers aims to identify the objective and subjective manifestation of segmental vibration and to formulate practical control measures adaptable to local setting.