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Title: Ergonomics and Occupational Health Promotion: The Role of Occupational Health Education in Libraries

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Abstract: Introduction: Ergonomics is a scientific discipline concerned with improving productivity, health, safety, and comfort, as well as helping people and technology work together. Ergonomics is the study of work in relation to the environment in which it is performed (the workplace) and those who perform it (workers). In the past, libraries were designed more, for their aesthetic and service functions, rather than for "industrial process" mind. Given the increasing demand for information in today's world, library design is forced to embrace the technologies and materials flow considerations long employed in manufacturing.

Materials and methods: This study was conducted as a systematic review method. A search strategy was used to find out the extent literatures in the databases. Citations were then assessed for subject and duplication records. The review was only done on the remaining citation which was not duplicated and met the reviews objective.

Result: For the total of 23 articles investigated, results showed that a large percentage of the libraries didn't have ergonomic principle and librarians exposed serious injuries related with their jobs due to awareness of ergonomic principles.

Discussion and Conclusion: Within the library environment there is a growing awareness of ergonomic issues and the literature reflects the concerns with workstation design, purchase of ergonomic equipment and furnishings, posture and work habits, development of ergonomic programs, and staff training in ergonomics. Every workstation should be designed with both the worker and the task in mind, so that the work can be performed comfortably, smoothly, and efficiently. Libraries must seek to move materials as quickly and efficiently as possible by utilizing new technologies and processes while helping reduce the physical stresses and straining experience by employees.

Education, Ergonomics, Occupational Health

Presentation: Poster