

Evaluation of Computer Usage and Related Health Hazards

Authors : B. O. Adegoke, B. O. Ola, D. T. Ademiluyi

Abstract : This paper examines the use of computer and its related health hazard among computer users in South-Western zone of Nigeria. Two hundred and eighteen (218) computer users constituted the population used to evaluate association between posture, extensive computer use and related health hazard. The instruments for the study are a questionnaire on demographics, lifestyle, body features and work ability index while mean rating, standard deviation and t test were used for data analysis. Identified health related hazard include damages to the eyesight, bad posture, arthritis, musculoskeletal disorders, headache, stress and so on. The results showed that factors such as work demand, posture, closeness to computer screen and excessive working hours on computers constitute health hazards in both old and young computer users of various gender. It is therefore recommended that total number of hours spent with computer should be monitored and controlled.

Keywords : computer-related health hazard, musculoskeletal disorders, computer usage, work ability index

Conference Title : ICCITE 2015 : International Conference on Computers and Information Technology in Education

Conference Location : Zurich, Switzerland

Conference Dates : January 13-14, 2015