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The perception on school footwear comfort among primary school female teachers in Terengganu
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Abstract

This research explores the characteristics of footwear choice to be worn and also identifies the feet discomfort prevalence while wearing shoes during school sessions among primary school female teachers. A total of 212 female teachers from 6 primary schools participated in this study. The teachers fulfilled all the survey questionnaires in their place of work which is in their school. Results showed that 38.2% of the teachers reported discomfort on feet during school hours with the forefoot region (29.8%) contributing to most discomfort, followed by hindfoot (20.1%) and midfoot region (15.6%). Overall, 34% of teachers choose comfort as their main criteria when selecting the footwear, followed by price with 20%, quality with 19%, durability with 14% and lastly style with 13%. In addition to this survey, top three attributes for shoe functionality that were chosen by the teachers were support (20%), cushioned (17%) and slip resistance/grip (16%). The least shoe functionality that chosen by teachers were weight (2%), durability (5%), breathability (7%), safety (10%), easy donning/doffing (11%), and proper fitting (12%). Lastly, according to the perception of school teachers, shoe insoles (51%) are more preferable for ergonomics interventions compared to anti-fatigue mat (20%), shoe massager (15%) and footrest (14%). Footwear perception comfort is an important factor in the design; purchasing and use of shoes and subjective evaluations are needed to design ergonomic footwear as intervention especially to school teachers who tend to develop MSDs. © 2020, Advanced Scientific Research. All rights reserved.

Author Keywords

Comfort; Ergonomic Intervention; Feet Discomfort; Female Teacher; Footwear Perception; Primary School

Index Keywords

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