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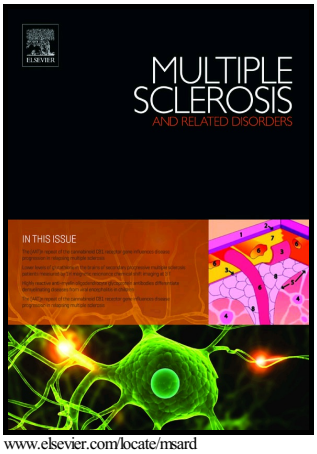

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Investigating the Dynamic Plantar Pressure Distribution and Loading Pattern in Subjects with Multiple Sclerosis

Hilal Keklicek[a1], Baris Cetin[b], Yeliz Salci[b], Ayla Fil Balkan[b], Umut Altinkaynak[c], Kadriye Armutlu[a]

[a]trakya university, faculty of health sciences, department of physiotherapy and rehabilitation, edirne, republic of turkey

[b]hacettepe university, faculty of health sciences, department of physiotherapy and rehabilitation, ankara, republic of turkey

[c]gercek prosthetics and orthotics research and development group, ankara, republic of turkey

hhotaman23@gmail.com

baris1143@gmail.com

fztyeliz@hotmail.com

aylafil@gmail.com

umutaltinkaynak@gmail.com

kadriyearmutlu@yahoo.com

[*]Corresponding author. 00902842133042

Abstract:

Background:

Multiple sclerosis (MS) is a complex disorder affecting subjects by multiple system impairments. Gait problems are common in subjects with MS and various factors such as; ataxia, hypertonic muscles or/and seconder musculoskeletal system deformities affect the normal plantigrade contact by disturbing accommodation of foot to the ground while walking. The aim of this study was investigating the dynamic plantar pressure distribution and time of maximum pressure in subjects with MS and determining the differences from healthy subjects (HS).