

Juha M. Hijmans

Title of the lecture:

Optimizing rocker shoes

Employer/affiliation:

Department of Rehabilitation Medicine,
University Medical Center Groningen



Brief introduction about the presentation:

In this presentation I will introduce the design parameters of rocker shoes. The next step is an explanation on how these design parameters can influence the biomechanics of gait, including kinetics, kinematics and plantar pressure. The lecture will finish with the role of rocker profile shoes in the management of different pathologies and why individualization is essential

Brief presentation of the speaker:

Juha Hijmans is a Movement Scientist from Groningen, the Netherlands. He works as an Associate Professor at the Department of Rehabilitation Medicine of the University Medical Center Groningen, both in clinical gait analysis and in research. His research focusses of gait and assistive devices with a special interest in footwear optimization.