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Name of Journal: *World Journal of Orthopedics*

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Observational Study

Abnormal ground reaction forces lead to a general decline in gait speed in knee osteoarthritis patients

Anatole Vilhelm Wiik, Adeel Aqil, Mads Brevadt, Gareth Jones, Justin Cobb

Abstract

AIM

To analyse ground reaction forces at higher speeds using another method to be more

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ground reaction force and spatiotemporal data was captured for both limbs ... reaction force and

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Osteoarthritis (OA) is the most frequent cause of disability in the United States, ... Correcting abnormalities of tibiofemoral rotation and/ or decreasing the Madd ... In patients with ACL tears, 60–90% of these knees develop OA within 15 years. ... Increasing gait speed increases the ground reaction force, and net joint forces ...

Differences in gait parameters between healthy subjects and persons ...

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