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Barefoot Plantar Pressure Measurement in Chronic Exertional Compartment Syndrome

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Highlights

- Intramuscular Compartment Pressure (IMCP) is gold standard for diagnosis of CECS
- Patients with CECS have increased rate of plantarflexion (IFFC) after heel strike
- CECS cases appear less able to adapt foot progression angle to walking speed
- Predictive value of plantarflexion rate similar to post-exercise IMCP
- Further studies of IFFC in presence of CECS pain symptoms now indicated

ABSTRACT

Background

Patients with Chronic Exertional Compartment Syndrome (CECS) have exercise-limiting pain that subsides at rest. Diagnosis is confirmed by intramuscular compartment pressure (IMCP) measurement. Accompanying CECS, subjective

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