RECTUS FEMORIS TENOTOMY AS A TREATMENT OF THE STIFF KNEE GAIT IN STROKE PATIENTS

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Stiff knee gait is defined as the lack of knee flexion in the swing phase of gait. It’s a frequent condition among stroke patients responsible for low gait speed and high energy expenditure. Botulinum toxin injections at the rectus femoris muscle is the treatment of choice. However, the effect is transient necessitating repeated injections supporting the need for a permanent solution such as rectus femoris proximal tenotomy. The aim of this study is to perform an RCT with assessor-blinded evaluation to compare the effect of botulinum toxin and tenotomy in stiff knee gait using gait analysis.

AWARD

Fondation Mont-Godinne for the project “Rectus femoris tenotomy as a treatment of the stiff knee gait in stroke patients”

SELECTED PUBLICATIONS


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