

Clinical Image

Exclusive Image Gallery on Human Spinal Cord Regeneration

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Received: 22 May, 2019

Accepted: 15 June, 2019

Published: 16 June, 2019

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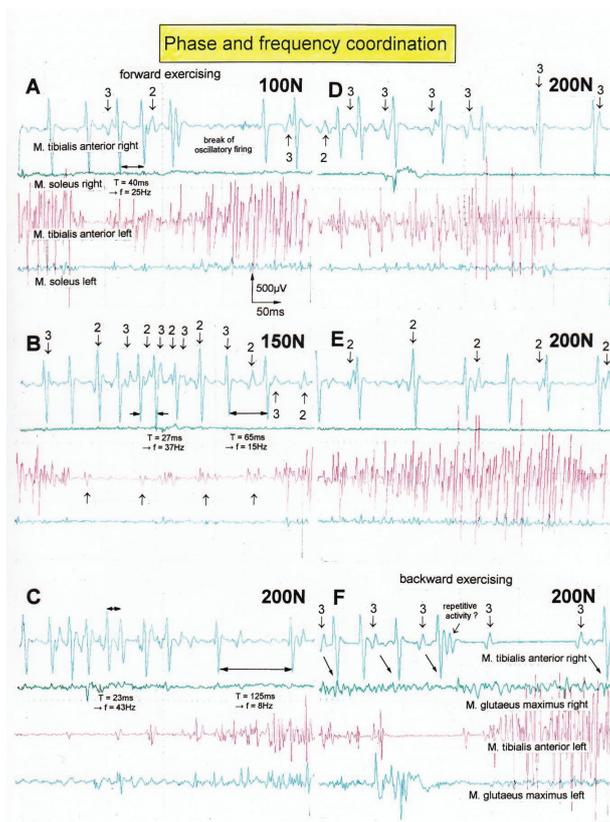


Figure 12: Phase and frequency coordination between oscillatory firing motor units (FF-type) during the generation of a motor program during exercise on the special coordination dynamics therapy device at loads increasing from 100 to 200N. Oscillation periods (T) and oscillation frequencies (f [Hz]) of oscillatory firing motor unit 1 are partly indicated. 'A,B,D,E' same recording situation as in Figure 23; 'C,F' soleus electrodes shifted to gluteus muscles to check early re-innervation upon therapy. The waveforms of the 3 identified FF-type motor unit potentials '1', '2', and '3' are the same as in Figure 23; motor units '2' and '3' are partly marked. In 'F', some coordination's between motor unit '3' and '1' are marked.

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