

研究業績 英文表記

和文	
表題	輪ゴム牽引装置を装着した健常者ボランティアの長母指伸筋活動における筋電図評価
著者名	Chimi Miyamoto, <u>Akira Miyamoto</u> , Kenji Kanekiyo
所属	神戸国際大学, リハビリテーション学部
英文	
Title	Electromyography-based evaluation of extensor pollicis longus muscle activities in healthy volunteers fitted with a rubber band traction apparatus
Author	Chimi Miyamoto, <u>Akira Miyamoto</u> , Kenji Kanekiyo
Affiliation	Department of Rehabilitation, Kobe International University, et al
Abstract	<p>The objective of this study was to investigate the influence of forearm, hand and thumb positions on electromyography (EMG) activity of the abductor pollicis longus (APL) and the extensor carpi ulnaris (ECU) muscles. EMG activity of the right hand of 17 subjects was scaled relative to the mean EMG value at maximum voluntary isometric contraction to compare relative muscle activity in the tests. The results show that the position of the forearm does influence activity of the APL, but not of the ECU.</p>
keyword	Electromyography (EMG) , Abductor pollicis longus (APL) , Extensor carpi ulnaris (ECU)

※本データの英文表記は実際の論文上の表記とは異なります。