



Three-Dimensional Force Variability: Assessment of Impairments in Motor Control during Fatigue and Pain

Author: Sauro Emerick Salomoni, Center for Sensory-Motor Interaction (SMI), Department of Health Science and Technology, Aalborg University, Aalborg, Denmark

e-ISBN: 9788792329608

Available From: January 2012

Price: € 0.00

Description:

This Ph.D. thesis is based on three studies performed at the Center for Sensory- Motor Interaction (SMI), Pain and Motor Control Laboratory, Department of Health Science and Technology, Aalborg University, Denmark, from 2009 to 2012.

Study I

Salomoni S.E., Graven-Nielsen T., Muscle fatigue increases the amplitude of fluctuations of tangential forces during isometric contractions, Human Movement Science (2012), In Press.

Study II

Salomoni S.E., Graven-Nielsen T., Experimental muscle pain increases variability of multidirectional forces during isometric contractions, European Journal of Applied Physiology (2012), In Press.

Study III

Salomoni S.E., Ejaz A., Laursen A.C., Graven-Nielsen T., Experimental knee pain increases variability of three-dimensional force components during isometric contractions, Submitted.



Keywords: Muskelkontraktioner

Denmark Head Office

Alsbergvej 10
9260 Gistrup
Denmark
www.riverpublishers.com
Email: info@riverpublishers.com

USA Office

Indianapolis, IN
USA
Tel.: +1-3176899634
Email: rajeev.prasad@riverpublishers.com

UK Office

River Publishers
Email: philippa.jefferies@riverpublishers.com