

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

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### 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.

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