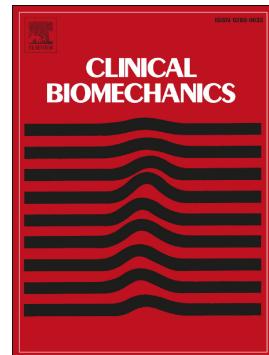


# Accepted Manuscript

Patterns of upper limb muscle activation in children with unilateral spastic cerebral palsy: Variability and detection of deviations



Aurélie Sarcher, Sylvain Brochard, François Hug, Guy Letellier, Maxime Raison, Brigitte Perrouin-Verbe, Morgan Sangeux, Raphaël Gross

PII: S0268-0033(18)30273-0

DOI: [doi:10.1016/j.clinbiomech.2018.09.005](https://doi.org/10.1016/j.clinbiomech.2018.09.005)

Reference: JCLB 4594

To appear in: *Clinical Biomechanics*

Received date: 12 April 2018

Accepted date: 3 September 2018

Please cite this article as: Aurélie Sarcher, Sylvain Brochard, François Hug, Guy Letellier, Maxime Raison, Brigitte Perrouin-Verbe, Morgan Sangeux, Raphaël Gross , Patterns of upper limb muscle activation in children with unilateral spastic cerebral palsy: Variability and detection of deviations. Jclb (2018), doi:[10.1016/j.clinbiomech.2018.09.005](https://doi.org/10.1016/j.clinbiomech.2018.09.005)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Patterns of upper limb muscle activation in children with unilateral spastic cerebral palsy: variability and detection of deviations**

Aurélie Sarcher<sup>a,b</sup>, Sylvain Brochard<sup>b,c</sup>, François Hug<sup>d</sup>, Guy Letellier<sup>e</sup>, Maxime Raison<sup>f</sup>, Brigitte Perrouin-Verbe<sup>a</sup>, Morgan Sangeux<sup>g</sup>, Raphaël Gross<sup>a,d</sup>

Corresponding author :

Aurélie SARCHER

Laboratoire d'analyse du mouvement, Hôpital Saint Jacques, 85 Rue Saint Jacques,  
44093 NANTES Cedex 1, FRANCE

E-mail: aurelie.sarcher@chu-nantes.fr

sylvain.brochard@chu-brest.fr ; francois.hug@univ-nantes.fr ; g.letellier@esean.fr ;  
maxime.raison@polymtl.ca ; brigitte.perrouinverbe@chu-nantes.fr ;  
morgan.sangeux@rch.org.au ; raphael.gross@chu-nantes.fr

<sup>a</sup> Motion analysis laboratory, Physical Medicine and Rehabilitation, University Hospital of  
Nantes, Nantes, FRANCE

<sup>b</sup> Laboratory of Medical Information Processing (LaTIM), INSERM UMR 1101, Brest,  
FRANCE

Download English Version:

<https://daneshyari.com/en/article/10081619>

Download Persian Version:

<https://daneshyari.com/article/10081619>

[Daneshyari.com](https://daneshyari.com)