

Accepted Manuscript

Title: Preoperative hip rotation moments do not predict long-term development after femoral derotation osteotomy in children with Cerebral Palsy

Authors: Frank Braatz, Thomas Dreher, Sebastian I. Wolf, Mirjam Niklasch



PII: S0966-6362(18)30028-6
DOI: <https://doi.org/10.1016/j.gaitpost.2018.01.017>
Reference: GAIPOS 5931

To appear in: *Gait & Posture*

Received date: 16-9-2017
Revised date: 30-12-2017
Accepted date: 21-1-2018

Please cite this article as: Braatz Frank, Dreher Thomas, Wolf Sebastian I, Niklasch Mirjam. Preoperative hip rotation moments do not predict long-term development after femoral derotation osteotomy in children with Cerebral Palsy. *Gait and Posture* <https://doi.org/10.1016/j.gaitpost.2018.01.017>

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.

Preoperative hip rotation moments do not predict long-term development after femoral derotation osteotomy in children with Cerebral Palsy

Braatz, Frank ¹⁾; (braatz@pfh.de)

Dreher, Thomas ²⁾; (thomas.dreher@med.uni-heidelberg.de)

Wolf, Sebastian I. ²⁾; (sebastian.wolf@med.uni-heidelberg.de)

Niklasch, Mirjam ²⁾ *; (mirjam.niklasch@med.uni-heidelberg.de)

¹⁾University Medical Center Göttingen

Department of Trauma Surgery and Orthopaedics and Plastic Surgery

Robert-Koch-Straße 40

37075 Göttingen

Germany

²⁾University Hospital Heidelberg

Clinic for orthopaedic and trauma surgery

Schlierbacher Landstr. 200a

69115 Heidelberg

Germany

*corresponding author

Research highlights:

- Femoral derotation osteotomy leads to changes in hip rotation moments.
- Preoperative hip rotation moment isn't a predicting factor for recurrence of IRG.
- FDO changes the externally rotating moment to an internally rotating moment.

Download English Version:

<https://daneshyari.com/en/article/8798518>

Download Persian Version:

<https://daneshyari.com/article/8798518>

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