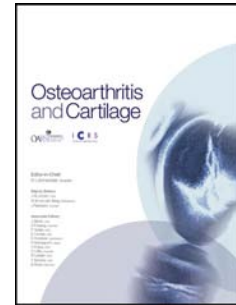


# Accepted Manuscript

Patient-specific Analysis of Cartilage and Labrum Mechanics in Human Hips with Acetabular Dysplasia

Corinne R. Henak, Christine L. Abraham, Andrew E. Anderson, Steve A. Maas, Benjamin J. Ellis, Christopher L. Peters, Jeffrey A. Weiss



PII: S1063-4584(13)01008-X

DOI: [10.1016/j.joca.2013.11.003](https://doi.org/10.1016/j.joca.2013.11.003)

Reference: YJOCA 3020

To appear in: *Osteoarthritis and Cartilage*

Received Date: 27 August 2013

Revised Date: 6 November 2013

Accepted Date: 9 November 2013

Please cite this article as: Henak CR, Abraham CL, Anderson AE, Maas SA, Ellis BJ, Peters CL, Weiss JA, Patient-specific Analysis of Cartilage and Labrum Mechanics in Human Hips with Acetabular Dysplasia, *Osteoarthritis and Cartilage* (2013), doi: 10.1016/j.joca.2013.11.003.

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.

# Patient-specific Analysis of Cartilage and Labrum Mechanics in Human Hips with Acetabular Dysplasia

Corinne R Henak<sup>1+</sup>, Christine L Abraham<sup>1,2</sup>, Andrew E Anderson<sup>1,2,3</sup>, Steve A Maas<sup>1</sup>,  
Benjamin J Ellis<sup>1</sup>, Christopher L Peters<sup>2</sup>, Jeffrey A Weiss<sup>1,2</sup>

<sup>1</sup>Department of Bioengineering, and  
Scientific Computing and Imaging Institute  
University of Utah  
Salt Lake City, UT 84112

<sup>2</sup>Department of Orthopedics  
University of Utah  
Salt Lake City, UT 84108

<sup>3</sup>Department of Physical Therapy  
University of Utah  
Salt Lake City, UT 84108

<sup>+</sup>Current Address: Department of Biomedical Engineering  
Cornell University  
Ithaca, NY 14853

*Osteoarthritis and Cartilage, First Revision*

November 6, 2013

Corresponding Author:

Jeffrey A. Weiss, PhD  
Department of Bioengineering, University of Utah  
72 South Central Campus Dr., Room 3750  
Salt Lake City, UT 84112  
Phone: 801-634-5442  
FAX: 801-585-5361

Email addresses for each co-author: CRH corinne.henak@gmail.com, CLA c.abraham@utah.edu, AEA Andrew.Anderson@hsc.utah.edu, SAM steve.maas@utah.edu, BJE ben@sci.utah.edu, CLP Chris.Peters@hsc.utah.edu

Running headline: Chondrolabral mechanics of hip dysplasia

Word count: 3,796

Download English Version:

<https://daneshyari.com/en/article/6125492>

Download Persian Version:

<https://daneshyari.com/article/6125492>

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