Accepted Manuscript

Does the Dual-Mobility Hip Prosthesis Produce Better Joint Kinematics during Extreme Hip Flexion Task?

Danilo S. Catelli, MSc, Erik Kowalski, MSc, Paul E. Beaulé, MD FRCSC, Mario Lamontagne, PhD

PII: S0883-5403(17)30390-X

DOI: 10.1016/j.arth.2017.04.049

Reference: YARTH 55851

To appear in: The Journal of Arthroplasty

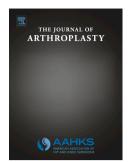
Received Date: 28 February 2017

Revised Date: 13 April 2017

Accepted Date: 24 April 2017

Please cite this article as: Catelli DS, Kowalski E, Beaulé PE, Lamontagne M, Does the Dual-Mobility Hip Prosthesis Produce Better Joint Kinematics during Extreme Hip Flexion Task?, *The Journal of Arthroplasty* (2017), doi: 10.1016/j.arth.2017.04.049.

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.



Title:

Does the Dual-Mobility Hip Prosthesis Produce Better Joint Kinematics during Extreme Hip Flexion Task?

Author names and affiliations:

Danilo S. Catelli, MSc^a – danilo.catelli@uottawa.ca Erik Kowalski, MSc^a – e.kowalski@uottawa.ca Paul E. Beaulé, MD FRCSC^b – pbeaule@toh.ca Mario Lamontagne, PhD^{a,b,c,*} – mlamon@uottawa.ca

^a School of Human Kinetics, University of Ottawa, Ottawa, Ontario, Canada

^b Division of Orthopaedic Surgery, University of Ottawa, Ottawa, Ontario, Canada

^c Department of Mechanical Engineering, University of Ottawa, Ottawa, Ontario, Canada

* Corresponding author: Mario Lamontagne

University of Ottawa 200 Lees Avenue (E 020) Ottawa, ON, K1N 6N5, Canada

Phone: +1-613-562-5800 ext. 4137 Fax: +1-613-562-5328 Email: mlamon@uottawa.ca

Statement of the location where the work was performed:

The investigation was performed at the Human Movement Biomechanics Laboratory and at The Ottawa Hospital, University of Ottawa.

Download English Version:

https://daneshyari.com/en/article/5708597

Download Persian Version:

https://daneshyari.com/article/5708597

Daneshyari.com