Accepted Manuscript

Inferior Radiographic and Functional Outcomes With Modular Stem in Metal-on-Metal Total Hip Arthroplasty

I. Laaksonen, MD, PhD, V. Galea, BA, J.W. Connelly, BA, S. Matuszak, BA, O. Muratoglu, PhD, H. Malchau, MD, PhD

PII: S0883-5403(17)30765-9

DOI: 10.1016/j.arth.2017.08.042

Reference: YARTH 56072

To appear in: The Journal of Arthroplasty

Received Date: 5 May 2017

Revised Date: 25 August 2017

Accepted Date: 30 August 2017

Please cite this article as: Laaksonen I, Galea V, Connelly J, Matuszak S, Muratoglu O, Malchau H, Inferior Radiographic and Functional Outcomes With Modular Stem in Metal-on-Metal Total Hip Arthroplasty, *The Journal of Arthroplasty* (2017), doi: 10.1016/j.arth.2017.08.042.

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.



Inferior Radiographic and Functional Outcomes with

Modular Stem in Metal-on-Metal Total Hip Arthroplasty

Laaksonen I, MD, PhD^{a, b}, Galea V, BA^a, Connelly JW, BA^a, Matuszak S, BA^a, Muratoglu O, PhD^{a, b}, Malchau H, MD, PhD^{a, b}

^a Harris Orthopaedic Laboratory Massachusetts General Hospital 55 Fruit St. GRJ 1231 Boston, MA 02114 USA

^b Harvard Medical School, Department of Orthopaedic Surgery 25 Shattuck St. Boston, MA 02115 USA

> Henrik Malchau, M.D., Ph.D., Orthopaedic Department, Massachusetts General Hospital 55 Fruit Street, GRJ 1126 Boston, Massachusetts 02114-2696 E-mail: <u>hmalchau@mgh.harvard.edu</u> Tel: 617.726.3866 Fax: 617.726.3883

Download English Version:

https://daneshyari.com/en/article/8799561

Download Persian Version:

https://daneshyari.com/article/8799561

Daneshyari.com