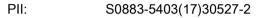
## Accepted Manuscript

The effect of pelvic tilt and femoral head size on hip range-of-motion to impingement

Thomas F. McCarthy, BS, MBA, Jim Nevelos, PhD, Randa K. Elmallah, MD, Morad Chughtai, MD, Anton Khlopas, MD, Vincent Alipit, BS, Timothy C. Wagner, MD, Michael A. Mont, MD



DOI: 10.1016/j.arth.2017.06.016

Reference: YARTH 55942

To appear in: The Journal of Arthroplasty

Received Date: 30 January 2017

Revised Date: 18 May 2017

Accepted Date: 6 June 2017

Please cite this article as: McCarthy TF, Nevelos J, Elmallah RK, Chughtai M, Khlopas A, Alipit V, Wagner TC, Mont MA, The effect of pelvic tilt and femoral head size on hip range-of-motion to impingement, *The Journal of Arthroplasty* (2017), doi: 10.1016/j.arth.2017.06.016.

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.



## The effect of pelvic tilt and femoral head size on hip range-of-motion to impingement

Thomas F. McCarthy, BS, MBA<sup>1</sup> Jim Nevelos, PhD<sup>1</sup> Randa K. Elmallah MD<sup>2</sup> Morad Chughtai, MD<sup>3</sup> Anton Khlopas, MD<sup>3</sup> Vincent Alipit, BS<sup>1</sup> Timothy C. Wagner, MD<sup>3</sup> Michael A. Mont, MD<sup>3</sup>

<sup>1</sup>Stryker Orthopaedics Mahwah, New Jersey

<sup>2</sup>Department of Orthopaedic Surgery University of Mississippi Jackson, Mississippi

<sup>3</sup>Department of Orthopaedic Surgery Cleveland Clinic Cleveland, Ohio

Correspondence to: Michael A. Mont, M.D. Chairman, Department of Orthopaedics Cleveland Clinic Phone: 216-444-2434 Fax: 216-445-6255 E-mail: montm@ccf.org and rhondamont@aol.com Download English Version:

## https://daneshyari.com/en/article/5708481

Download Persian Version:

https://daneshyari.com/article/5708481

Daneshyari.com