

# Accepted Manuscript

Does high hip center decrease range of motion in total hip arthroplasty? A computer simulation study

Keisuke Komiyama, MD, Yasuharu Nakashima, MD, PhD, Masanobu Hirata, MD, PhD, Daisuke Hara, MD, Yusuke Kohno, MD, Yukihide Iwamoto, MD, PhD



PII: S0883-5403(16)00250-3

DOI: [10.1016/j.arth.2016.03.014](https://doi.org/10.1016/j.arth.2016.03.014)

Reference: YARTH 55034

To appear in: *The Journal of Arthroplasty*

Received Date: 8 January 2016

Revised Date: 1 March 2016

Accepted Date: 7 March 2016

Please cite this article as: Komiyama K, Nakashima Y, Hirata M, Hara D, Kohno Y, Iwamoto Y, Does high hip center decrease range of motion in total hip arthroplasty? A computer simulation study, *The Journal of Arthroplasty* (2016), doi: 10.1016/j.arth.2016.03.014.

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.

Original research article

**Does high hip center decrease range of motion in total hip arthroplasty? A computer simulation study**

Keisuke Komiyama, MD<sup>1</sup> (E-mail: [kkomi@ortho.med.kyushu-u.ac.jp](mailto:kkomi@ortho.med.kyushu-u.ac.jp))

Yasuharu Nakashima, MD, PhD<sup>1</sup> (E-mail: [yasunaka@ortho.med.kyushu-u.ac.jp](mailto:yasunaka@ortho.med.kyushu-u.ac.jp))

Masanobu Hirata, MD, PhD<sup>1</sup> (E-mail: [masa-hi@ortho.med.kyushu-u.ac.jp](mailto:masa-hi@ortho.med.kyushu-u.ac.jp))

Daisuke Hara, MD<sup>1</sup> (E-mail: [dhara@ortho.med.kyushu-u.ac.jp](mailto:dhara@ortho.med.kyushu-u.ac.jp))

Yusuke Kohno, MD<sup>1</sup> (E-mail: [y-kohno@ortho.med.kyushu-u.ac.jp](mailto:y-kohno@ortho.med.kyushu-u.ac.jp))

Yukihide Iwamoto, MD, PhD<sup>1</sup> (E-mail: [seikei@ortho.med.kyushu-u.ac.jp](mailto:seikei@ortho.med.kyushu-u.ac.jp))

<sup>1</sup>Department of Orthopedic Surgery, Graduate School of Medical Sciences, Kyushu University, 3-1-1 Maidashi, Higashi-ku, Fukuoka, 812-8582, Japan

Corresponding author: Yasuharu Nakashima, M.D., Ph.D.

Department of Orthopedic Surgery, Kyushu University

3-1-1 Maidashi, Higashi-ku, Fukuoka, Japan 812-8582

TEL: +81-92-642-5487 FAX: +81-92-642-5507

E-mail: [yasunaka@ortho.med.kyushu-u.ac.jp](mailto:yasunaka@ortho.med.kyushu-u.ac.jp)

Download English Version:

<https://daneshyari.com/en/article/5708856>

Download Persian Version:

<https://daneshyari.com/article/5708856>

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