## **Accepted Manuscript**

Total hip arthroplasty after transtrochanteric rotational osteotomy for osteonecrosis of the femoral head: a mean 10-year follow-up

Yusuke Osawa, MD, Taisuke Seki, MD, PhD, Daigo Morita, MD, Yasuhiko Takegami, MD, PhD, Toshiaki Okura, MD, Naoki Ishiguro, MD, PhD

PII: S0883-5403(17)30445-X

DOI: 10.1016/j.arth.2017.05.020

Reference: YARTH 55887

To appear in: The Journal of Arthroplasty

Received Date: 23 February 2017

Revised Date: 4 May 2017 Accepted Date: 9 May 2017

Please cite this article as: Osawa Y, Seki T, Morita D, Takegami Y, Okura T, Ishiguro N, Total hip arthroplasty after transtrochanteric rotational osteotomy for osteonecrosis of the femoral head: a mean 10-year follow-up, *The Journal of Arthroplasty* (2017), doi: 10.1016/j.arth.2017.05.020.

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.



## ACCEPTED MANUSCRIPT

Total hip arthroplasty after transtrochanteric rotational osteotomy for osteonecrosis of the femoral head: a mean 10 year follow-up

Yusuke Osawa, MD<sup>a</sup>, Taisuke Seki, MD, PhD<sup>a</sup>, Daigo Morita, MD<sup>a</sup>,

Yasuhiko Takegami, MD, PhDa, Toshiaki Okura, MD, Naoki Ishiguro, MD, PhDa

<sup>a</sup>Department of Orthopaedic Surgery, Nagoya University Graduate School of Medicine

Corresponding author: Yusuke Osawa

Department of Orthopaedic Surgery, Nagoya University Graduate School of Medicine,

65 Tsurumai-cho, Showa-ku, Nagoya, Japan 466-8550

Phone:+81-52-741-2111

FAX:+81-52-744-2260

E-mail: ysk0568@yahoo.co.jp

## Download English Version:

## https://daneshyari.com/en/article/5708578

Download Persian Version:

https://daneshyari.com/article/5708578

<u>Daneshyari.com</u>