Accepted Manuscript

Primary Total Hip Arthroplasty with 4th Generation Ceramic on Ceramic: Analysis of Complications in 939 Consecutive Cases Followed for 2 to 10 Years

Martin Buttaro, Gerardo Zanotti, Fernando Comba, Francisco Piccaluga

PII: \$0883-5403(16)30456-9

DOI: 10.1016/j.arth.2016.07.032

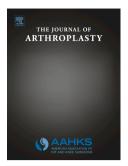
Reference: YARTH 55333

To appear in: The Journal of Arthroplasty

Received Date: 30 March 2016
Revised Date: 16 June 2016
Accepted Date: 22 July 2016

Please cite this article as: Buttaro M, Zanotti G, Comba F, Piccaluga F, Primary Total Hip Arthroplasty with 4th Generation Ceramic on Ceramic: Analysis of Complications in 939 Consecutive Cases Followed for 2 to 10 Years, *The Journal of Arthroplasty* (2016), doi: 10.1016/j.arth.2016.07.032.

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

Primary Total Hip Arthroplasty with 4th Generation Ceramic on Ceramic: Analysis of Complications in 939 Consecutive Cases Followed for 2 to 10 Years

Martin Buttaro, Gerardo Zanotti, Fernando Comba, Francisco Piccaluga

The Hip Surgery Unit, Institute of Orthopaedics "Carlos E. Ottolenghi," Italian Hospital of Buenos Aires, Buenos Aires, Argentina.

Correspondence to: Martín A. Buttaro, The Hip Surgery Unit, Institute of Orthopaedics "Carlos E. Ottolenghi," Italian Hospital of Buenos Aires, Potosí 4247 (C1199ACK), Buenos Aires, Argentina. Phone/Fax: 54-11-4959-0200 ext 8314; E-mail: martin.buttaro@hospitalitaliano.org.ar

Download English Version:

https://daneshyari.com/en/article/5709270

Download Persian Version:

https://daneshyari.com/article/5709270

Daneshyari.com