Accepted Manuscript

Recent Trends in Blood Utilization After Revision Hip and Knee Arthroplasty

Robert A. Burnett, B.S, Nicholas A. Bedard, M.D, David E. DeMik, Pharm.D, Yubo Gao, PhD, Steve S. Liu, M.D, John J. Callaghan, M.D

PII: S0883-5403(17)30761-1

DOI: 10.1016/j.arth.2017.08.038

Reference: YARTH 56068

To appear in: The Journal of Arthroplasty

Received Date: 9 May 2017

Revised Date: 25 July 2017

Accepted Date: 24 August 2017

Please cite this article as: Burnett RA, Bedard NA, DeMik, Pharm.D DE, Gao Y, Liu SS, Callaghan JJ, Recent Trends in Blood Utilization After Revision Hip and Knee Arthroplasty, *The Journal of Arthroplasty* (2017), doi: 10.1016/j.arth.2017.08.038.

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.



Recent Trends in Blood Utilization After Revision Hip and Knee Arthroplasty

Robert A. Burnett, B.S.¹ Nicholas A. Bedard, M.D.¹ David E. DeMik, Pharm.D.¹ Yubo Gao, PhD.¹ Steve S. Liu, M.D.¹ John J. Callaghan, M.D.¹

Affiliations:

1. University of Iowa, Iowa City, IA

Corresponding Author: John Callaghan, MD University of Iowa Hospitals and Clinics Department of Orthopaedics 200 Hawkins Drive, 01029 JPP Iowa City, IA 52242 john-callaghan@uiowa.edu Download English Version:

https://daneshyari.com/en/article/8799705

Download Persian Version:

https://daneshyari.com/article/8799705

Daneshyari.com