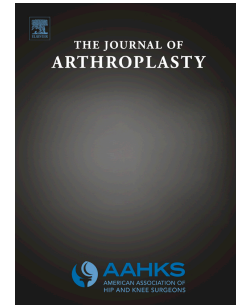


Accepted Manuscript

The Extended Direct Anterior Approach for Column Augmentation in the Deficient Pelvis: A Novel Surgical Technique, and Case Series Report

Jonathon Spanyer, MD, Christopher Beaumont, BS, Jonathan Yerasimides, MD



PII: S0883-5403(16)30511-3

DOI: [10.1016/j.arth.2016.08.012](https://doi.org/10.1016/j.arth.2016.08.012)

Reference: YARTH 55363

To appear in: *The Journal of Arthroplasty*

Received Date: 3 August 2015

Revised Date: 29 July 2016

Accepted Date: 9 August 2016

Please cite this article as: Spanyer J, Beaumont C, Yerasimides J, The Extended Direct Anterior Approach for Column Augmentation in the Deficient Pelvis: A Novel Surgical Technique, and Case Series Report, *The Journal of Arthroplasty* (2016), doi: 10.1016/j.arth.2016.08.012.

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 Extended Direct Anterior Approach for Column Augmentation in the Deficient Pelvis: A Novel Surgical Technique, and Case Series Report

Jonathon Spanyer MD^{ab}, Christopher Beaumont BS^{bc}, Jonathan Yerasimides MD^{bd}

^a Massachusetts General Hospital, Harvard Medical School
55 Fruit Street
Boston, MA, USA 02114

^b University of Louisville, Department of Orthopaedic Surgery
550 S. Jackson St., 1st Floor ACB
Louisville, KY, USA 40202

^c University of Louisville, School of Medicine
Abell Administration Building
323 East Chestnut Street
Louisville, KY, USA 40202

^d Norton Healthcare
Norton Medical Plaza II
Orthopaedic and Hand Center
9880 Angies Way, Suite 250
Louisville, KY, USA 40241

Corresponding Author:
Christopher Beaumont, BS
University of Louisville School of Medicine
Abell Administration Building
323 East Chestnut Street
Louisville, KY, USA 40202
cmbeau01@louisville.edu
770-639-6811

Download English Version:

<https://daneshyari.com/en/article/5709276>

Download Persian Version:

<https://daneshyari.com/article/5709276>

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