

Accepted Manuscript

Title: Scrotal Ultrasound for Pain: Low Frequency of Absolute Surgical Indications

Author: James A. Kashanian, Daniel J. Mazur, Marah C. Hehemann, Christopher D. Morrison, Daniel T. Oberlin, Valary T. Raup, Andrew W. Choi, Brian Trinh, Mohammed A Said, Mary Kate Keeter, Robert E. Brannigan

PII: S0090-4295(17)30620-9
DOI: <http://dx.doi.org/doi: 10.1016/j.urology.2017.06.007>
Reference: URL 20502

To appear in: *Urology*

Received date: 18-10-2016
Accepted date: 18-3-2017

Please cite this article as: James A. Kashanian, Daniel J. Mazur, Marah C. Hehemann, Christopher D. Morrison, Daniel T. Oberlin, Valary T. Raup, Andrew W. Choi, Brian Trinh, Mohammed A Said, Mary Kate Keeter, Robert E. Brannigan, Scrotal Ultrasound for Pain: Low Frequency of Absolute Surgical Indications, *Urology* (2017), <http://dx.doi.org/doi: 10.1016/j.urology.2017.06.007>.

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.



Scrotal Ultrasound for Pain: Low Frequency of Absolute Surgical Indications

James A. Kashanian M.D.^a, Daniel J. Mazur M.D.^b, Marah C. Hehemann M.D.^c, Christopher D. Morrison M.D.^b, Daniel T. Oberlin M.D.^b, Valary T. Raup M.D.^d, Andrew W. Choi B.A.^b, Brian Trinh B.A.^b, Mohammed A Said M.D.^e, Mary Kate Keeter M.P.H.^b, Robert E. Brannigan M.D.^{b*}

^a Department of Urology, Weill Cornell Medical College, Weill Cornell Medicine, New York, NY, USA; ^b Department of Urology, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA; ^c Department of Urology, Loyola University Health System, Maywood, IL, USA; ^d Department of Surgery, Division of Urology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA; ^e Department of Urology, Emory University School of Medicine, Atlanta, GA, USA

Disclosures: Nothing to disclose

***Corresponding author:**

Robert E. Brannigan, MD

303 East Chicago Avenue, Tarry 16-703, Chicago, Illinois 60611 USA

Phone: (312) 503-3238 Fax: (312) 908-7275

Email: r-brannigan@northwestern.edu

Disclosures: Nothing to disclose

Key Words: Scrotum; Testicle; Testicular diseases; Testicular neoplasms; Ultrasonography

Word count of text: 1,503

Word count of abstract: 173

Download English Version:

<https://daneshyari.com/en/article/5690322>

Download Persian Version:

<https://daneshyari.com/article/5690322>

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