Accepted Manuscript

Screening for Mullerian anomalies in patients with unilateral renal agenesis: leveraging early detection to prevent complications

M. Alexandra Friedman, Liza Aguilar, Quetrell Heyward, Carol Wheeler, Anthony Caldamone

PII: S1477-5131(18)30038-X

DOI: 10.1016/j.jpurol.2018.01.011

Reference: JPUROL 2746

To appear in: Journal of Pediatric Urology

Received Date: 14 April 2017

Accepted Date: 9 January 2018

Please cite this article as: Friedman MA, Aguilar L, Heyward Q, Wheeler C, Caldamone A, Screening for Mullerian anomalies in patients with unilateral renal agenesis: leveraging early detection to prevent complications, *Journal of Pediatric Urology* (2018), doi: 10.1016/j.jpurol.2018.01.011.

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.



EDUCATIONAL ARTICLE

Screening for Mullerian anomalies in patients with unilateral renal agenesis: leveraging early detection to prevent complications

M. Alexandra Friedman ^{a,*}, Liza Aguilar ^b, Quetrell Heyward ^c, Carol Wheeler ^d, and Anthony Caldamone ^b

^a Brown University, Department of Obstetrics and Gynecology, The Warren Alpert Medical School, Providence, RI, USA

^b Brown University, Division of Pediatric Urology, Hasbro Children's Hospital, The Warren Alpert Medical School, Providence, RI, USA

^c Brown University, The Warren Alpert Medical School, Providence, RI, USA

^d Brown University, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, The Warren Alpert Medical School, Providence, RI, USA

* Corresponding author. 101 Dudley Street, Providence, RI 02905, USA. *E-mail address:* mfriedman@wihri.org

Summary *Background:* Mullerian anomalies have a known association with renal agenesis yet, to date, there are no formal recommendations for screening women with certain renal anomalies for associated genital tract disorders.

Objective: The objective of this study is to review current data regarding the association between renal and Mullerian anomalies, and propose screening recommendations. *Study design:* A comprehensive review of the literature was performed to identify relevant articles using the keywords "unilateral renal agenesis," "renal anomalies," and "Mullerian anomalies."

Results: Over 30% of patients with unilateral renal agenesis have an associated Mullerian anomaly. However, diagnosis is frequently delayed in this population until after menarche when complications of retrograde menstruation with obstructive anomalies lead to significant problems including endometriosis, pelvic inflammatory Download English Version:

https://daneshyari.com/en/article/8811597

Download Persian Version:

https://daneshyari.com/article/8811597

Daneshyari.com