

Images in medicine

Incidental radiological discovery of a hydrocalyx by a reno-vascular obstruction in a woman: Fraley's syndrome

Amine Slaoui^{1,&}, Ahmed Ibn Attya Andaloussi¹

¹Urology B Ibn Sina Hospital Rabat, Mohammed V University Rabat, Rabat, Morocco

[&]Corresponding author: Amine Slaoui, Urology B Ibn Sina Hospital Rabat, Mohammed V University Rabat, Rabat, Morocco

Key words: Fraley, hydrocalycosis, compression, vascular pedicle

Received: 14/03/2016 - Accepted: 15/05/2016 - Published: 27/05/2016

Pan African Medical Journal. 2016; 24:95 doi:10.11604/pamj.2016.24.95.9340

This article is available online at: <http://www.panafrican-med-journal.com/content/article/24/95/full/>

© Amine Slaoui et al. The Pan African Medical Journal - ISSN 1937-8688. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/2.0>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Image in medicine

A 47-year old patient without significant antecedents consulted for a single episode of hematuria. The urine culture was negative. CT highlighted a hydrocalycosis related to extrinsic compression by a vascular pedicle. It corresponds to Fraley's syndrome. The patient was asymptomatic so the treatment consisted of a survey with regular clinical examinations.

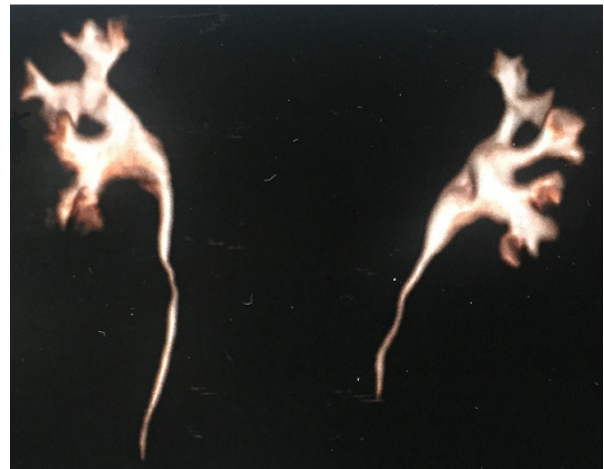


Figure 1: hydrocalycosis related to extrinsic compression by a vascular pedicle (reconstruction)