

Accepted Manuscript

Crossing the canal: looking beyond hernias - Spectrum of common, uncommon and atypical pathologies in the inguinal canal

Subramaniyan Ramanathan, Yegu Palaniappan, Adnan Sheikh, John Ryan, Ania Kielar

PII: S0899-7071(16)30171-1
DOI: doi:[10.1016/j.clinimag.2016.11.004](https://doi.org/10.1016/j.clinimag.2016.11.004)
Reference: JCT 8145

To appear in: *Journal of Clinical Imaging*

Received date: 16 September 2016
Revised date: 25 October 2016
Accepted date: 4 November 2016



Please cite this article as: Ramanathan Subramaniyan, Palaniappan Yegu, Sheikh Adnan, Ryan John, Kielar Ania, Crossing the canal: looking beyond hernias - Spectrum of common, uncommon and atypical pathologies in the inguinal canal, *Journal of Clinical Imaging* (2016), doi:[10.1016/j.clinimag.2016.11.004](https://doi.org/10.1016/j.clinimag.2016.11.004)

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.

Crossing the canal: Looking beyond hernias - Spectrum of common, uncommon and atypical pathologies in the inguinal canal

SUBRAMANIYAN RAMANATHAN, MD, DNB, FRCR; Yegu Palaniappan, MD; Adnan Sheikh, MD; John Ryan, MD, FRCPC; Ania Kielar, MD, FRCPC
Al Wakra Hospital, Doha, India

Abstract

Inguinal canal can have diverse range of pathologies due to its complex anatomy and multiple different contents in the males and females. Imaging plays a dominant role in the appropriate diagnosis and management as inguinal pathologies have fairly similar clinical presentation with pain and swelling. Various pathologies in the inguinal region include congenital, infectious/inflammatory, vascular, neoplastic and iatrogenic. This paper gives an overview of the role of various modalities like Ultrasound, CT and MRI in the evaluation of inguinal pathologies.

Keywords: Inguinal, Hernias, cryptorchidism, neoplastic, inflammatory, funiculitis.

Teaching points

1. Inguinal pathologies have diverse etiologies due to complex anatomy and numerous contents
2. A working knowledge of cross-sectional anatomy of inguinal canal is essential .
3. Imaging plays a crucial role as the clinical presentation is often non-specific
4. Radiologists need to be familiar with various other etiologies apart from hernia

Download English Version:

<https://daneshyari.com/en/article/8821713>

Download Persian Version:

<https://daneshyari.com/article/8821713>

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