

Brought to you by [INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA](#)

Scopus

[Back](#)

# A rare cause of acute urinary retention in a young man: A median raphe penile cyst

[Malaysian Family Physician](#) • Article • [Open Access](#) • 2021 • DOI: 10.51866/CR1016

[Kamarulzaman, Mohd. Nazli](#)<sup>a</sup> ; [Chik, Azhani](#)<sup>b</sup>; [Ghazali, Hamid](#)<sup>c</sup>

<sup>a</sup> Department of Surgery Kulliyyah of Medicine, International Islamic University Malaysia  
Kuantan, Pahang, Malaysia

[Show all information](#)

0

Citations

[View PDF](#)[Full text](#) [Export](#) [Save to list](#) [Document](#)[Impact](#)[Cited by \(0\)](#)[References \(10\)](#)[Similar documents](#)

## Abstract

**Background:** A penile median raphe cyst is an uncommon congenital lesion that is formed due to failure of the median raphe to close completely during embryo development. The majority of the cysts are asymptomatic and often go unnoticed. Here, we report acute urinary retention as a very rare complication of a penile median raphe cyst. **Case presentation:** A 21-year-old single man presented with a sudden onset of acute urinary retention of one days' duration. Urethral catheterization was done at the Emergency Department and this drained 800 ml of urine. On further questioning, he claimed that he had had a painless nodule at the glans penis since childhood. The swelling increased in size in the past week causing discomfort. He denied any history of genitalia trauma or recent sexual intercourse. On examination, there was a bluish lesion over the ventral aspect of the glans penis measuring about 3 x 2 cm. The lesion was later excised and histopathology revealed a median raphe cyst of the penis. **Conclusion:** A penile median raphe cyst is a rare lesion.

Acute urinary retention caused by this lesion is very rare. © 2021, Academy of Family Physicians of Malaysia. All rights reserved.

## Author keywords

Acute urinary retention; Median raphe cyst of the penis

## Corresponding authors

Corresponding  
author

M.O. Kamarulzaman

---

Affiliation

Department of Surgery Kulliyah of Medicine, International Islamic  
University Malaysia Kuantan, Pahang, Malaysia

---

Email address

nazlikamarulzaman@gmail.com

---

© Copyright 2021 Elsevier B.V., All rights reserved.

Abstract

Author keywords

Corresponding authors

---

## About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

## Language

[日本語版を表示する](#)