



AB126. SOH23ABS_090. Intrauterine device migrated into the bladder: case report

Mohamed Zeid, Olwyn Lynch,
Mohammed Ibnouf, Silviu David,
Mohammed Abdelrahman, Subhasis Giri

Department of Urology, University Hospital Limerick, Limerick,
Ireland

Background: Intrauterine devices (IUD) are widely used all over the world. One of the most serious complications is uterine perforation and it is very rare for IUD to penetrate the bladder after perforation. Here we report case report of IUD migration into bladder.

Methods: A 41-year-old female who presented lower urinary tract symptoms and visible haematuria for 2 years with history of IUD insertion in 2015. Her doctor believed that the IUD had spontaneously expelled and new IUD was inserted. Pelvic ultrasound showed linear echogenic foreign body identified in the anterior bladder. CT scan demonstrated a hyper dense foreign body within the bladder measuring 3.8 cm in length.

Results: Her foreign body was removed by cystoscopy without any intra-operative and post-operative complications. Total theatre time was 20 min with estimated blood loss of 0 mL. He was discharged on post-operative day 5 after the removal of urethral catheter. Subjectively he was asymptomatic after procedure and very happy with the outcome.

Conclusions: Patient with IUD should be suggested to check the device regularly and those who with a missed

IUD have to rule out the possibility of IUD migration. For patient with IUD who present with lower urinary tract symptoms, it is necessary to be aware of IUD may perforate the bladder.

Keywords: Intrauterine devices; perforation; foreign body; bladder; colonoscopy

Acknowledgments

Funding: None.

Footnote

Conflicts of Interest: The authors have no conflicts of interest to declare.

Ethical Statement: The authors are accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Open Access Statement: This is an Open Access article distributed in accordance with the Creative Commons Attribution-NonCommercial-NoDerivs 4.0 International License (CC BY-NC-ND 4.0), which permits the non-commercial replication and distribution of the article with the strict proviso that no changes or edits are made and the original work is properly cited (including links to both the formal publication through the relevant DOI and the license). See: <https://creativecommons.org/licenses/by-nc-nd/4.0/>.

doi: 10.21037/map-23-ab126

Cite this abstract as: Zeid M, Lynch O, Ibnouf M, David S, Abdelrahman M, Giri S. AB126. SOH23ABS_090. Intrauterine device migrated into the bladder: case report. Mesentery Peritoneum 2023;7:AB126.