



RECURRENT INSERTION OF FOREIGN BODY IN URINARY BLADDER AT JLNMC BHAGALPUR- A CASE REPORT.

General Surgery

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ABSTRACT

Foreign bodies are occasionally reported in the bladder. The present case involved an electric wire in the bladder. A male young patient came to our hospital with retention of urine and pelvic pain. The X-Ray showed a metallic foreign body in the bladder which was subsequently removed by suprapubic cystostomy.

KEYWORDS

1. INTRODUCTION

Foreign bodies in the urinary bladder pose urological challenges in terms of diagnosis and treatment. Foreign bodies into the urinary bladder are found due to self insertion, iatrogenic, migration from adjacent organs and penetrating ballistic trauma. The major route of entry is by self insertion through the urethra mainly for sexual gratification, or associated conditions like dementia, psychiatric disorders, drug intoxication and to procure abortion. This is more common in male patients. A great diversity of objects has been found in the bladder as foreign objects. These include electric wires, bullets, mobile charger cable, eyelid pencils, pieces of foley catheter, intra uterine contraceptive devices (IUCD), surgical gauzes. Diagnosis is by detail clinical examination and appropriate investigations. Most of these patients may present with both irritative and obstructive lower urinary tract symptoms (urinary frequency, urgency, urinary retention), hematuria, urinary incontinence, and chronic pelvic pain. Radiopaque foreign bodies will be seen on plain radiographs while ultrasonography will identify others. Urethroscopy will visualize the object and its position in the urinary bladder.

2. Case Report

A 26 years old male patient presented to surgical emergency with complain of retention of urine and pain lower abdomen. The patient has a history of similar episode 3 years ago. He underwent suprapubic cystostomy for removal of mobile charging wire during that episode.

On Examination

Patient's general condition was good and his vital parameters were normal.

On Abdominal examination interspinous skin crease was absent , Dullness found in suprapubic region. Suprapubic tenderness was present.

Investigation

A plain radiograph of KUB showed a Radiopaque foreign body in the pelvis (Fig.1).

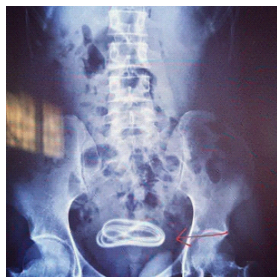


Fig. 1) A coiled radiopaque foreign body in urinary bladder

3. Management

Under Spinal Anaesthesia & strict aseptic conditions suprapubic cystostomy was done. A coiled Foreign body in the form of electric

wire is felt which was extracted out. The length of foreign body was 28 cm.

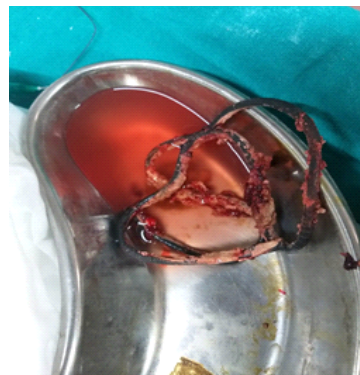


Fig. 2

The post operative period went uneventful. The patient was sent to a Psychiatrist for further management.

4. DISCUSSION

In the urinary tract, a foreign body is most commonly found in the urinary bladder. Self-insertion of a foreign body during masturbation has been associated with dementia and psychiatric abnormality [1]. It is anatomically very difficult for a man to self-insert a long object into the bladder. One previous case report discussed insertion of a foreign body, 95 cm in length, under similar circumstances [2], and another report discussed the case of a 12-year-old girl who inserted a 142-cm-long electrical cord into her bladder [3]. The unusual feature of the present case is that the object was left unattended for two years. In most cases, foreign bodies in the bladder are removed by cystoscopy, but in this case, an open surgery was required because of the large size of the foreign body.

5. CONCLUSION

Foreign bodies in the urinary bladder still remain a great challenge to the surgeon; removal of the foreign body without injury to the urinary bladder gives good outcome. Self inserted foreign body cases require a psychiatry evaluation and patients should be counselled about the complications associated with such acts and not to repeat such incidences in future.

REFERENCES

1. A. Bantis, P. Sountoulides, C. Kalaitzis et al., "Perforation of the urinary bladder caused by transurethral insertion of a pencil for the purpose of masturbation in a 29-year-old female," Case Reports in Medicine.
2. B. Jani, S. Aldujaily, and N. Katiyar, "Case report of a very long foreign body in urinary bladder," The Internet Journal of Urology, vol. 4, no. 1, 2006.
3. G. Mukerji, A. R. Rao, A. Hussein, and H. Motiwala, "Self-introduction of foreign body into urinary bladder," Journal of Endourology, vol. 18, no. 1, pp. 123-125, 2004.
4. An Unusual Foreign Body in the Urinary Bladder Mimicking a Parasitic Worm Bryan H. Schmitt, Marc T. Feder, Denise L. Rokke, Thomas P. Moyer, Bobbi S. Pritt.
5. Foreign body (kidney beans) in urinary bladder: An unusual case report Ankita Jain , Manish Gupta, Trilok Chand Sadasukhi , Krishan Kumar Dangayache

6. Rare foreign body in bladder A case report Li, Yubing MD*; Gao, Yunqiu MD; Chen, Xiangdong PhD; Jiang, Shaobo MD
7. FOREIGN BODIES IN THE URINARY BLADDER – CASE SERIES CA Odoemene and CA Onuh
8. Foreign Bodies in the Urinary Bladder and Their Management: A Single-Centre Experience From North India Ankur Bansal, Priyank Yadav, Manoj Kumar, Satyanarayan Sankhwar, Bimalesh Purkait, Ankur Jhanwar, and Siddharth Singh
9. A Bladder Calculus on a Long Standing Foley Catheter - Neglected for Six Years Dr Marshall D. Kerketta, Dr Kavita Topno.