

UNUSUAL FOREIGN BODY URINARY BLADDER

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INTRODUCTION

We report a case of self insertion of unusual foreign body (plastic cover of disposable syringe needle) in the lower urinary tract. The object was used for sexual gratification. The reason for consultation was dysuria, frequency and hypogastric discomfort. Treatment was by cystotomy.

CASE REPORT

A 22 years old young man presented with pain hypogastrium, dysuria and frequency of one month duration. Clinical examination revealed deep tenderness in hypogastrium but no other clinical sign. Urine examination revealed field full of pus cells and 15-20 RBCs/HPF. K.U.B showed a transversely placed linear radio-opaque shadow in the pelvic region. Ultrasound study revealed a linear calculus in the urinary bladder, while rest of the urinary tract was normal.

The patient was admitted for vesicolithotomy. On operation there was a foreign body, plastic cover of disposable syringe needle which was covered with phosphatic encrustation Fig-1. Later on further interrogation, patient admitted that he used it for sexual pleasure and at one occasion it slipped high up in the urethra and in an attempt to milk it out it slipped into the bladder. Patient has uneventful recovery.

DISCUSSION

Manipulation of Foreign Body (F.B) into the urethra is usually in psychiatric patients or for sexual gratification (Rada and Jans 1982).

The object may be retained in the bladder and eventually lead to medical advice as in our case. Such patients usually do not confess by may come up with truth on deep interrogation. F.B are more common in men than in women and have included variety of objects e.g pencils, straws, pens, lipsticks, hairpins etc.^{1,3,5,7} Review of world literature on the subject shows that every conceivable object have been inserted into the bladder.⁹ For the object to reach the male bladder it must have travelled 20-25 cm often also against the flow of urine. In this particular patient it was accidentally pushed in to the bladder while attempting to retrieve it.¹¹

Many cases of F.B urinary bladder are for masturbatory purposes but psychologically ill and handicapped have been recorded.^{6,8,9} The most common reason for presentation is dysuria as was the case in this patient. Diagnosis is made on history/clinical examination, radiology, Ultrasound and endoscopy. Possibility of intravesical F.B should be considered in any patient with chronic unexplained lower urinary symptoms.



Treatment is based on type of F.B whether can be retrieved by endoscope or open cystotomy^{4,5} magnetic retrieval and chemical dissolution e.g xylol and wax foreign body.

Management is aimed at complete extraction of foreign body with minimal trauma to urinary bladder and urthra. Psychiatric patient also require psychiatric referrel.⁶ Complications include stone formation, bladder perforation, fistula, chronic irritation and sepsis.¹³

REFERENCES

1. Frozanpour D. Foreign body in the bladder
Br J Clin Pract. 1975; 30: 115.

2. Desai M, Brown HE. Multiple foreign bodies in urethra. Urology. 1983; 9: 669.

3. Villani U, Leoni S. An unusual foreign body in the urethra. Br J Urol. 1983; 55: 129.

4. Walmsley BH. Removal of foreign body from female bladder. Br J Urol. 1987; 59: 196.

5. Hickling DJ, Lupton EW. A timely cystoscopy Br J Urol. 1989; 63: 328.

6. Kenny RD. Adolescent male who insert genitourinary foreign bodies: Is psychiatric referral required? Urology. 1989; 23: 127.

7. Abdulla MM. Foreign body in the bladder Br J Urol. 1990; ; : 420.

8. Osca JM, Broseta E, Server G, et al. Unusual foreign bodies in the urethra and bladder. Br J Urol 1991; 68: 510.

9. Eckford SD, Persad RA, Brewster SF, et al. Intravesical foreign bodies: Five years review. Br J Urol 1992; 69: 41.

10. Al Durazi M, Saleem I, Mohammad AA. Urthral foreign bodies Br J Urology 1992; 92.

11. Sharma VP, Nobeebux Y, Patni J. Unusual foreign body in the bladder. Br J Urolo 1992; 92.

12. Noble JG, Chapple CR. Formation of urethral calculus around unusual foreign body. Br J Urol 1992; 248.

13. AJ Harding Rain, H David Ritchie. The urinary bladder, Bailey s and love short practice of surgery. London, HK Lewis and Co Ltd. 1981; 1233.