



Re: Unusual intravesical foreign body in a young female migrated from the vagina due to autoerotism

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To the editor,

We read with interest the recent case of an unusual intravesical foreign body reported by Bansal et al. (1). A case is presented of an 18 year old female who presented with lower tract symptoms and was found to have a supratrigonal fistula following self insertion of a plastic pen per vagina for sexual gratification 6 months earlier. The operative management is described and high quality radiological and cystoscopic images are provided.

The authors allude to the array of intravesical bodies that have been reported and mention the psychological reasons for self insertion (1). It should be acknowledged that in certain patient cohorts, urethrovesical foreign body insertion is a form of manipulative behaviour as it requires mandatory transfer to an acute hospital (2) and that the practice is frequently mimicked by other institutionalised patients(3). Specific to the incarcerated population higher rates of emergency surgical intervention have been reported following urethral foreign body insertion (4).

The important role of radiology in determining the lucency, location and size of foreign bodies is discussed and the preference for endoscopic management is mentioned (1). The increasing role of the interventional radiologist in imaged guided retrieval of self inserted foreign bodies, should not be underestimated as illustrated by Young et al. (5).

The authors conclude by discussing urogenital fistulae as a consequence of foreign body insertion. Recent reports have highlighted the additional acute complication of urethral avulsion following polyembolokoilamania necessitating emergency urethroplasty (6).

Finally, it should be acknowledged that not all cases of self embedding behaviour require intervention as some patients deliberately request no intervention (7) and reports exist of cases that have been managed conservatively (8).

REFERENCES

1. Bansal A, Kumar M, Kanodia G, Aeron R, Goel S. Unusual intravesical foreign body in young female migrated from vagina due to autoerotism. *Int Braz J Urol.* 2017;43:556-60.
2. Mastromichalis M, Sackman D, Tycast JF, Chehval MJ. Urethral foreign body insertion for secondary gain in the incarcerated population. *Can J Urol.* 2011;18:5916-7.
3. Rada RT, James W. Urethral insertion of foreign bodies. A report of contagious self-mutilation in a maximum-security hospital. *Arch Gen Psychiatry.* 1982;39:423-9.
4. Floyd Jr MS, Mistry R, Williamson EP, Machin DG, Baird AD. Urology on the inside: Managing the needs of the incarcerated. *J Clin Urol.* 2013;6:100-5.

5. Young AS, Shiels WE 2nd, Murakami JW, Coley BD, Hogan MJ. Self-embedding behavior: radiologic management of self-inserted soft-tissue foreign bodies. *Radiology*. 2010;257:233-9.
6. Chan G, Mamut A, Tatzel S, Welk B. An unusual case of polyembolokoilomania: Urethral avulsion from foreign object use during sexual gratification. *Can Urol Assoc J*. 2016;10:E181-E183.
7. Floyd MS Jr, Stubington SR. Deliberate self-insertion of a perineal needle for sexual pleasure: a new form of autoerotic behavior? *Arch Sex Behav*. 2013;42:335-6.
8. Feng QZ, Wang J, Sun H. A sewing needle in liver: a case report and review of the literature. *Cases J*. 2009;2:6520.

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