

Images in...

Periurethral pseudoabscess secondary to injection of an intraurethral bulking agent

Deirdre Mary Fanning, Hugh Flood

Urology Department, Midwestern Regional Hospital, Limerick, Ireland

Correspondence to Miss Deirdre Mary Fanning, fanningdee@yahoo.co.uk

DESCRIPTION

An 85-year-old lady returned to the urology clinic for review 10 months postcystoscopically guided proximal urethral Zuidex injection for the treatment of stress urinary incontinence. Zuidex is a combination of dextranomer and hyaluronic acid. It is used as a minimally invasive alternative to surgical stress urinary incontinence procedures. She had urinary urgency and a tenderness in the vaginal region. Clinical inspection revealed a periurethral erythematous, warm, tender swelling; causing apparent outlet obstruction (figure 1). A transvaginal puncture

was performed under aseptic technique (figure 2). Five millilitre of sterile pus was withdrawn. The procedure was well tolerated. The pseudoabscess did not recur. Postprocedure however, the stress urinary incontinence deteriorated. The reported incidence of pseudoabscess formation following Zuidex injection varies from 10¹ to 15%.² It does not appear to be related to the volume of Zuidex injected. They can present up to 13 months postinjection.¹ Periurethral pseudoabscesses very rarely resolve spontaneously and often require multiple operative interventions.



Figure 1 A fluctuant mass is clearly visible protruding from the introitus. The external urethral meatus is placed at the most anterior aspect of the pseudoabscess.



Figure 2 Approximately 5 mls of purulent appearing material was aspirated.

Competing interests None.

Patient consent Obtained.

REFERENCES

1. **Lightner DJ**, Fox J, Klingele C. Cystoscopic injections of dextranomer hyaluronic acid into proximal urethra for urethral incompetence: efficacy and adverse outcomes. *Urology* 2010;**75**:1310–4.
2. **Lightner D**, Rovner E, Corcos J, *et al.* Randomized controlled multisite trial of injected bulking agents for women with intrinsic sphincter deficiency: mid-urethral injection of Zudex via the Implacer versus proximal urethral injection of Contigen cystoscopically. *Urology* 2009;**74**:771–5.

This pdf has been created automatically from the final edited text and images.

Copyright 2011 BMJ Publishing Group. All rights reserved. For permission to reuse any of this content visit <http://group.bmj.com/group/rights-licensing/permissions>.
BMJ Case Report Fellows may re-use this article for personal use and teaching without any further permission.

Please cite this article as follows (you will need to access the article online to obtain the date of publication).

Fanning DM, Flood H. Periurethral pseudoabscess secondary to injection of an intraurethral bulking agent. *BMJ Case Reports* 2011; 10.1136/bcr.08.2011.4719, Published XXX

Become a Fellow of BMJ Case Reports today and you can:

- ▶ Submit as many cases as you like
- ▶ Enjoy fast sympathetic peer review and rapid publication of accepted articles
- ▶ Access all the published articles
- ▶ Re-use any of the published material for personal use and teaching without further permission

For information on Institutional Fellowships contact consortiasales@bmjgroup.com

Visit casereports.bmj.com for more articles like this and to become a Fellow