

## Pelvic Hematoma With Suprapubic Distention

Natalie Mosley, DO  
Nathan Hale, DO  
S.C. Jeff Chueh, MD, PhD

From the West Virginia University Robert C. Byrd Health Sciences Center in Charleston (Dr Mosley and Dr Hale) and the Cleveland Clinic Richard E. Jacobs Health Center in Avon, Ohio (Dr Chueh).

Financial Disclosures:  
None reported.

Address correspondence to  
Natalie Mosley, DO,  
3110 Maccorkle Ave SE,  
Charleston, WV 25304-1210.

E-mail: nataliemosley422  
@gmail.com

Submitted  
December 3, 2012;  
final revision received

May 17, 2013;  
accepted  
May 31, 2013.

A 71-year-old woman was evaluated for abnormal urination, which occurred 2 weeks after left hip arthroplasty. Abdominal examination revealed suprapubic distention despite urethral catheterization with an 18F Foley catheter. Initially, a computed tomographic scan of the pelvis without intravenous contrast material indicated a grossly distended urinary bladder (image A, arrow). Hand irrigation of the Foley catheter was unable to resolve the suprapubic distention with minimal production of urine. A normal bladder without extravasation was appreciated with cystoscopy but incompletely filled during irrigation. A cystogram (image B) revealed a 15-cm pelvic hematoma (arrow) with compression of the bladder (star). Percutaneous drain was placed for the hematoma,

and the patient was discharged to home 3 days later in stable condition. Kluger et al<sup>1</sup> and Abdulwahab et al<sup>2</sup> describe similar instances of urinary obstruction from pelvic hematomas. Physicians should consider pelvic hematomas in the differential diagnosis when treating patients with pelvic fractures. (doi:10.7556/jaoa.2013.073)

### References

1. Kluger Y, Altman GT, Deshmukh R, Townsend RN, Diamond DL. Acute obstructive uropathy secondary to pelvic hematoma compressing the bladder: report of two cases. *J Trauma*. 1993;35(3):477-478.
2. Abdulwahab AA, Hassan S, Al-Nuaim L, Abdel Halim R. Pelvic hematoma resulting in obstructive uropathy. *Saudi Med J*. 2003;24(11):1254-1255.

© 2013 American Osteopathic Association

