

ABSTRACT

Title: "Three Testes": A Case Report on Iatrogenic Complication of Urethral Catheterization Presented with Scrotal Mass

INTRODUCTION

Urethral injuries are uncommon, with most resulting from trauma or iatrogenic complications. Although such injuries are rare, it is important to diagnose them early in the Emergency Department (ED) to prevent severe consequences

CASE REPORT

We present the case of a 53-year-old man with underlying Benign Prostatic Hyperplasia (BPH) who presented to a local clinic complaining of being unable to pass urine. A urinary catheter was inserted, and the case was referred to the Emergency Department (ED) for suspected Urinary Tract Infection (UTI). In the ED, the patient was in severe sepsis, and upon abdominal examination, the urinary bladder was found to be distended, with gross swelling and pus discharge over the scrotal wall. Additionally, a firm mass was palpable in the scrotum, distinct from the two testes. Ultrasound examination confirmed that a balloon catheter was actually in the scrotum. The patient was then resuscitated with intravenous drip bolus, administered intravenous antibiotics, and the urology team was consulted

DISCUSSION

In our case, the patient was treated for Fournier gangrene with abdominal wall necrotizing fasciitis, which likely affected the urethra, making it fragile. The catheter tip likely became misplaced, penetrating the urethral wall and periurethral tissue, thus leading to the formation of a false tract, with the catheter balloon incidentally inflated in the scrotum

CONCLUSION

Iatrogenic urethral injury with a false tract and catheter balloon in the scrotum is extremely rare following a urethral catheterization procedure. Early detection of such complications is crucial at the ED level to reduce further serious complications, morbidity, and mortality