

Transurethral Extrusion of Penile Prosthesis

A 39-year-old man with a medical history of hypertension, type I diabetes mellitus (HbA1c: 7%) and 3 components penile prosthesis for erectile dysfunction refractory to medical treatment implanted 9 years before, presented at the Urology Department. He reported an extrusion of the prosthesis through the urethral meatus avoiding spontaneous urination (Figure). Three months before during an intense sexual intercourse (“cowboy sex” syndrome), the patient had pain in the penis and latter the prosthesis started to appear through the meatus. The function of the prosthesis had been successful during these years. A physical examination showed one cylinder through the meatus without inflammation or infection signs (no pus collection). A longitudinal peno-scrotal incision checking the extrusion of left cylinder through the left side of the urethra was performed and the cylinder was removed keeping the patient without a bladder catheter. Two months after surgery the patient had a normal urination and sexual intercourse with the use of a single cylinder of the penile prosthesis.

Penile prosthesis extrusion is a rare complication produced by infection, trauma, intense sexual activity⁽¹⁾ and in relation with diabetes mellitus, radiotherapy or neurological problems.⁽²⁾ Once the extrusion has been produced, treatment depends on the type of perforation. Some authors repair the erosion with good results⁽³⁾ and others prefer to remove the prosthesis.⁽²⁾

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Figure. Extruded penile prosthesis through the urethral meatus

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