

Foreign Body in the Penile Prosthesis Reservoir

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A 55-year-old male patient reported a mechanical failure 4 months after inflatable AMS® 700 CX penile prosthesis (IPP) implantation. Patient underwent surgical exploration and the cylinders and pump were removed and replaced with a new IPP but the reservoir was left in situ. One month later he complained a second time for mechanical failure again, and a 3–4 cm foreign body was observed inside the reservoir during abdominal ultrasound (**Figure 1**) and was confirmed after a second surgical procedure (**Figures 2 and 3**).

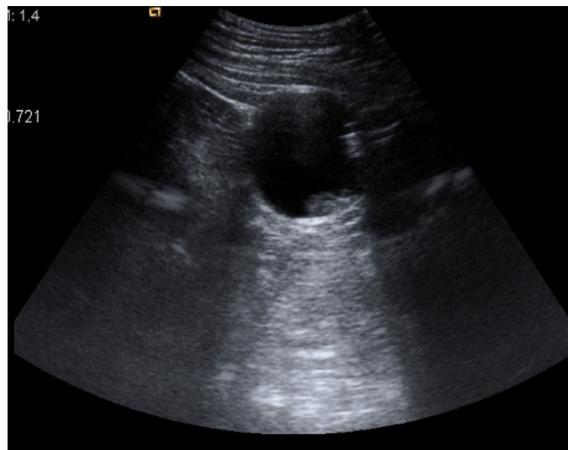


Figure 1. Ultrasound revealing an echogenic density inside the reservoir

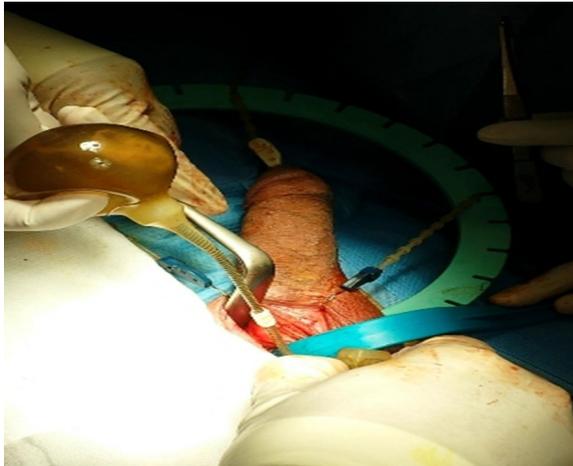


Figure 2. Extracting reservoir from the patient

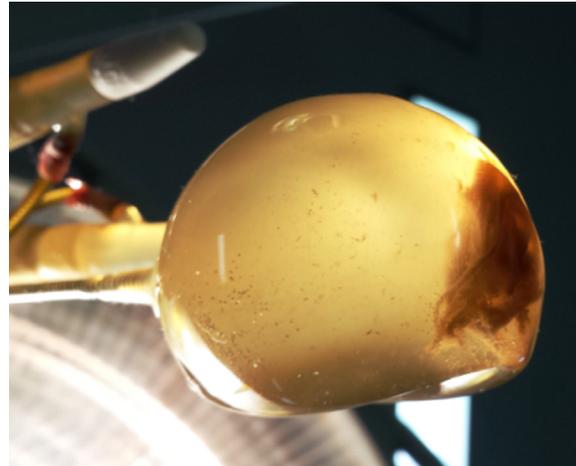


Figure 3. Foreign body inside the reservoir

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The reservoir was retrieved and a new reservoir was placed. The microbiology analysis did not identify pus cells, no organism was visualized on gram stain and no growth was identified on culture. In our opinion, this foreign body could correspond to a detachment of the Parylene® coating of the internal reservoir surface.

Complications of retained reservoirs include: migration, infection, erosion into the bladder, sigmoid colon, neobladders, seminal vesicles and ureters⁽¹⁾. To the best of our knowledge, we herein report the first case of a foreign body into an IPP reservoir.

The patient remained well at follow-up visits both 1 month and 6 months after the procedure, with no mechanical failure reported.

References

1. Cui T, Terlecki R, Mirzazadeh M. Infrequent Reservoir-Related Complications of Urologic Prosthetics: A Case Series and Literature Review. *Sexual Medicine*. 2015; 3: 334-338.