

## Prostatic Cyst in Suprapubic Ultrasound Examination

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**Abstract :** A case of a prostatic midline cyst is presented, which was found during a routine general ultrasound examination in an otherwise healthy young man. The incidence of prostatic cysts discovered in suprapubic ultrasound examination has constantly been rising over the previous decades. Despite the fact that the majority of them are benign, a significant amount is related to symptoms, such as pain, dysuria, infertility, and even cancer. The wide use of ultrasound examination and the increasing availability of high-resolution ultrasound systems have rendered new diagnostic challenges. Once upon a time a suprapubic ultrasound was only useful for measuring only the size and the dimensions of the prostatic gland. It did not have the ability to analyze and resolve structures such as cystic or solid nodules. The current machine equipment has managed to depict the imaging characteristics of lesions with high acuity that compares of an intrarectal ultrasound. But the last one is a specialized examination, which demands expertise and good knowledge. Maybe the time has come for the general radiologist and, especially the one who uses suprapubic ultrasound, to pay more attention to the examination of the prostate gland and to take advantage of the superb abilities and the high resolution of the new ultrasound systems. That is exactly, what this case is emphasizing. The incidental discovery of prostatic cysts, and the relatively little available literature about managing them turns them into an interesting theme for exploring and studying. The prostatic cysts are further divided into midline and paramidline cysts, with the first being usually utricle cysts. A more precise categorization is as follows: A midline cystic lesion usually regards a Mullerian duct cyst, a prostatic utricle cyst, an ejaculatory duct cyst, a prostatic cystadenoma, a ductus deferens cyst, and a TURP. On the other hand, a lateral cystic lesion usually refers to a cystic degeneration of benign prostatic hyperplasia, a prostatic retention cyst, a seminal vesicle cyst, diverticular prostatitis, a prostatic abscess, cavitatory prostatitis from chronic prostatitis, a parasitic prostatic cyst, a cystic prostatic carcinoma, e.t.c.

**Keywords :** prostatic cyst, radiology, benign prostatic lesions, prostatic cancer, suprapubic prostatic ultrasound

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