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AN UNUSUAL BLADDER MASS: DERMOID CYST

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Introduction: Dermoid cysts are developmental benign anomalies and comprise at least two germ layer tissue. Dermoid cyst is usually known to be of premordial germ cell origin; however, there are some rare cases in which it has been noticed in other midline and paraaxial organs. Although they generally settle in ovaries, they might be found in other tissues. They are very rare in bladder.

Case Report: We presented here a 47 year-old female with primary urinary bladder dermoid cyst. She had macroscopic hematuria. The urinary ultrasound revealed an 1x1 cm solid mass within the lumen of the urinary bladder. At cystoscopy, a single protruded 1x1 cm solid mass from a small diverticule was located at the posterior wall of the bladder. The rest of the bladder mucosa was normal. Complete transurethral resection was performed to the mass. The specimen was consisting of 6 pieces of TUR chips with the biggest being measured as 5x2x1 mm which were greyish white in appearance after immersion in formalin. Microscopic examination revealed multiple skin tissues lined by stratified squamous epithelium. Urothelial epithelium was not seen. Skin appendages, such as hair follicles and sebaceous glands, were observed in sections. Also a cyst which resembles an epidermal (infundibular) cyst, was determined. The histopathological diagnosis was dermoid cyst.

Conclusion: Dermoid cysts are rarely seen in the urinary bladder. In the literature research with bladder dermoid cyst, we could only find 16 cases reported and cited in which only 6 of them were written in English. Dermoid cyst should be kept in mind as a differential diagnosis for unusual presentation and histological appearances in bladder mass.

Anahtar Kelimeler : bladder; cyst; dermoid; diverticule; mass