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Mixed epithelial stromal tumor of the kidney: The male case and literature review

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Mixed epithelial stromal tumor of the kidney (MESTK) is a rare genitourinary tract tumor. It was first presented by Michal and Syrucek in 1998. This tumor is characterized by its composition of both stromal solid areas and epithelial elements. Previous reports showed that MESTK attacks mostly middle-aged peri-menopausal women with estrogen therapy history, which indicates a correlation between MESTK and estrogen. However, rare cases were also reported in men and children. Even though malignant cases are rare, but they have also been reported for both genders. Since 2004, MESTK has been included in the World Health Organization renal tumor classification. We report a 44-year-old Taiwanese male, with no history of hormonal therapy, who was found with a left renal tumor by self-health examination. Abdominal computed tomography showed an 11x15 cm enhanced heterogeneous soft tissue mass with calcification and minimal fatty content. He subsequently received radical left nephrectomy. MESTK is a benign renal tumor with malignant potential. We should keep in mind that patients receiving hormonal therapy have a higher risk of developing cystic renal tumor, irrespective of their gender.

Biography

Pai-Yen Pan has completed his MD degree at Chang Gung University of Medicine. He is the Resident Doctor in the Division of Urology, Department of Surgery, Chang Gung Memorial Hospital. He has published a case report.

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