

## MITF Family Translocation RCC

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### ABSTRACT

Renal cell carcinoma (RCC) is a heterogeneous group of cancers that is increasingly distinguished due to advances in diagnostic methods. Among these cancers, microphthalmia-associated transcriptional factor (MITF) translocation RCCs are an extremely rare subtype. Translocation-associated RCC (t-RCC) is a group of uncommon tumors, which are characterized by recurrent gene rearrangements of transcription factors E3 and EB loci. The treatment of choice for Xp11t-RCC is radical nephrectomy. However, nephron-sparing surgeries are also used for small tumors. In this case report, we present a 16-year-old female patient who underwent a radical nephrectomy for a right renal mass, and the histopathology was an MITF family translocation RCC.

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