Objectives: We report herein the clinical, histological, and immunohistochemical features of a case of sarcomatoid chromophobe renal cell carcinoma. Methods/Results: A 59-year-old woman referred a two-month history of constant right flank pain, and hematuria. A right radical nephrectomy was performed. Gross pathologic examination showed a tumor located in the lower part of the kidney with two different aspects. Histologically, the tumor was composed of two intermixed distinct morphologic components: a chromophobe renal cell carcinoma and a high-grade spindle cell sarcoma. Conclusion: Our case represent a typical sarcomatoid chromophobe cell carcinoma. This unusual renal cancer has the potential to behave aggressively and to metastasize.

Keywords
Kidney. Sarcomatoid Carcinoma. Chromophobe carcinoma. Immunohistochemistry