

Abstract

Hepatic dysfunction is a common finding associated with malignancy and it is usually due to main bile duct obstruction or liver metastasis. Stauffer syndrome is a rare non-metastatic hepatic dysfunction associated with renal cell carcinoma due to paraneoplastic phenomenon. In literature, paraneoplastic hepatic dysfunction has been described in association with various malignancies. Index case is a 60-year-old male who was previously healthy presented with intermittent fever and right flank pain for two weeks duration found to have abnormal liver functions suggestive of cholestatic jaundice. Image studies showed a renal mass involving the upper pole of the right kidney with normal liver and biliary tree architecture. Histological evaluation following radical nephrectomy revealed squamous cell carcinoma of the renal pelvis. Following surgery patient's jaundice and cholestatic hepatic dysfunction resolved completely. This led to the diagnosis of paraneoplastic hepatic dysfunction.