



Renal hydatid cyst involving inferior vena cava: A rare entity

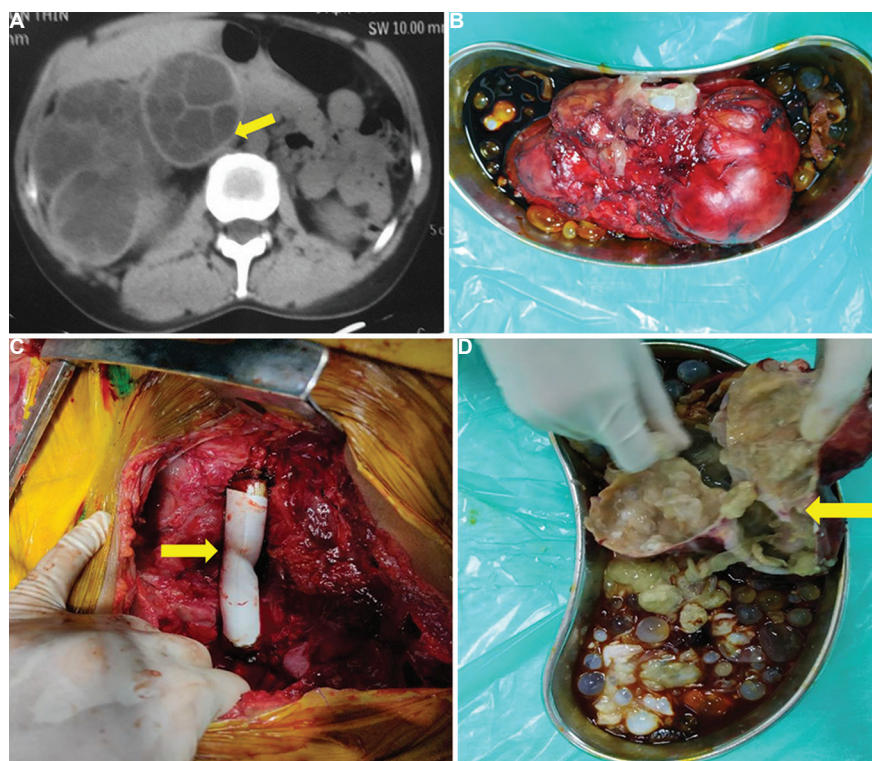


Figure. (A) Computed tomography abdomen showing right renal hydatid cyst involving the inferior vena cava (arrow). (B) Excised specimen showing a large right renal hydatid cyst. (C) The inferior vena cava after reconstruction with polytetrafluoroethylene graft (arrow). (D) Specimen cut open to show the involved inferior vena cava wall (arrow) and daughter cysts (yellow arrow).

A 35 yr old female[†] presented to the Urology outpatient department at the King Edward Memorial Hospital, Mumbai, India, in June 2018, with a complaint of dull-aching right flank pain. On examination, the patient had palpable right renal lump of 8 × 6 cm in size. On computed tomography scan abdomen, the patient was diagnosed with

right renal hydatid cyst with involvement of the inferior vena cava (IVC) (Figure A). The patient underwent right nephrectomy, with excision of around 5 cm length of IVC and reconstruction with a polytetrafluoroethylene graft with reimplantation of the left renal vein in the graft (Figure B-D). The patient was followed up till one year and was

[†]Patient's consent obtained to publish clinical information and images.

asymptomatic without recurrence. Venous invasion by renal hydatid cyst is a rare entity, and it may require complex reconstruction.

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Conflicts of Interest: None.

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