

가 24 가 CT 1

(1). (Fig. 1B).

1-2% 가

(1-3). CT 가

24 가 1.5x0.2x0.2 cm (rosette) (primitive small round cells) (Fig. 1C),

가 24 가 3가

(4).

가 가 5-10%

(5, 6). 가 3가

(Fig. 1A). CT 7x4 cm 가 (7).

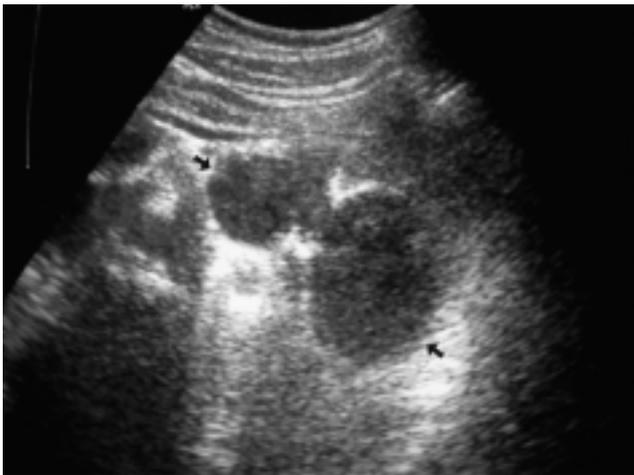
CT 1-2% 가

1
2
3

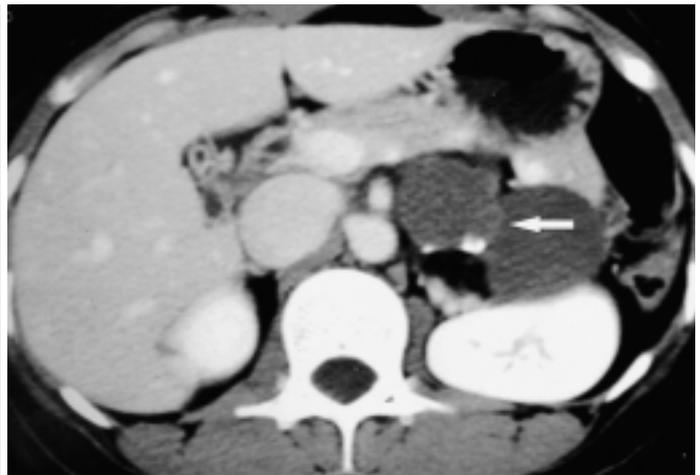
2003 5 7 2003 6 30

(2, 3). Reid (2)

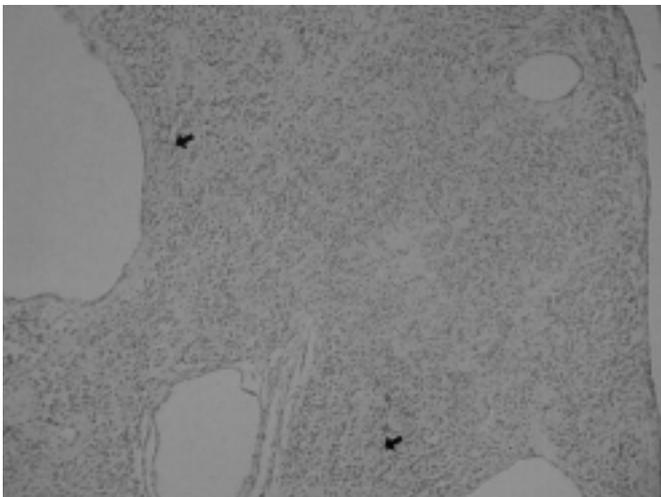
1
가 , (4, 5, 7).
가 ,
가 (8, 9).
가 (4).
CT 가
가 가 (2). CT 가
(3, 7). David- CT 가
son (1) 18 , 92% ,
, 60% , 94% ,
가
가 (5). CT



A



B



C

Fig. 1. Neuroblastoma arising in a mature cystic teratoma of the retroperitoneum in a 24-year-old woman.

A. Transabdominal US shows a multiloculated cystic mass (arrows) with calcifications and posterior acoustic shadowing in the left retroperitoneal space.

B. Contrast-enhanced CT image shows a multiloculated cystic mass with fat, calcifications, and septum. Note a small solid portion (arrow) within the septum of the cystic mass which was histologically confirmed as a neuroblastoma.

C. Photomicrograph shows the primitive small round cells and rosette formations (arrows), which is a characteristic features of neuroblastoma (H & E stain, $\times 100$).

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Neuroblastoma Arising in a Retroperitoneal Mature Cystic Teratoma: Case Report¹

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Malignant transformation of mature cystic teratoma is rare and the vast majority are squamous cell carcinoma, but neuroblastomas are extremely rare. We report a case of neuroblastoma arising in a mature cystic teratoma of the retroperitoneum. In a 24-year-old woman with intermittent abdominal pain, sonogram and CT scan show a multiloculated cystic mass with calcification, fat, septum, and small solid component in the left retroperitoneal space. Complete surgical resection of the cystic mass was done and a small neuroblastoma in the septum of the cystic mass was incidentally detected at histopathologic examination.

Index words : Retroperitoneum, neoplasms
Retroperitoneum, US and CT
Neuroblastoma, teratoma

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