

가 24 가 CT 1

(1).

1 - 2%

(1 - 3).

24 CT 가 1.5 × 0.2 × 0.2 cm (rosette) (primitive small round cells) (Fig. 1C),

가 24 가 3가 (4).

가 (5, 6).

(Fig. 1A). CT 7 × 4 cm

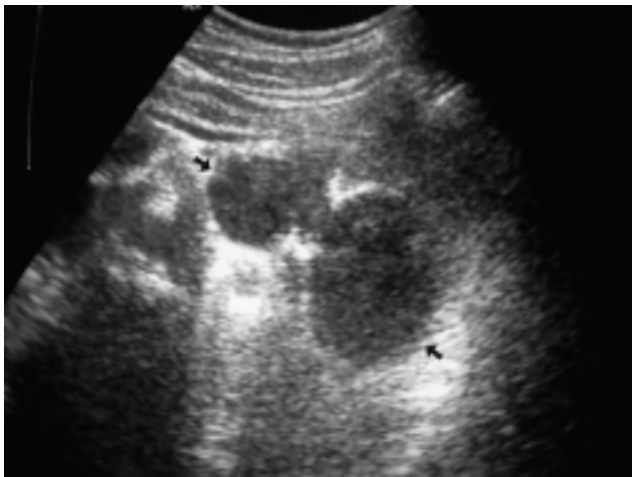
CT

1 - 2%

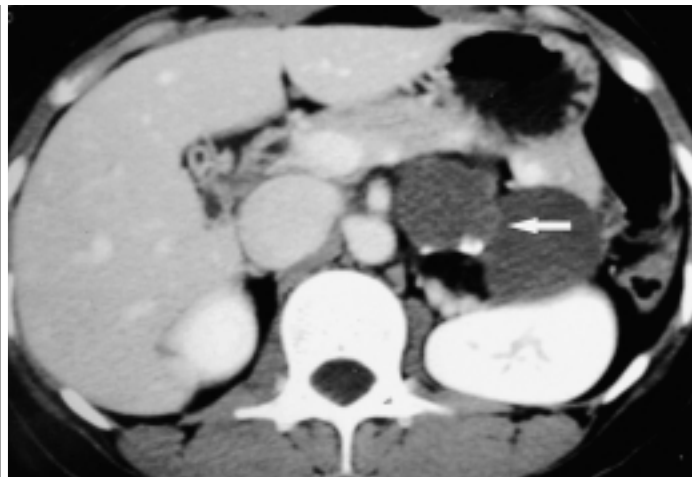
가

가

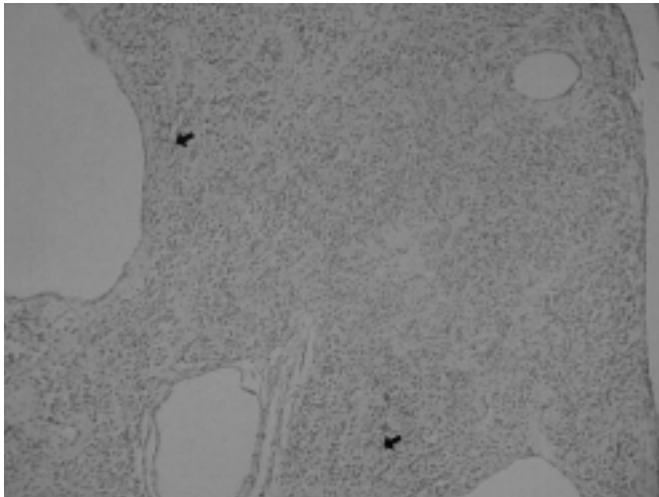
1
가 , (4, 5, 7).
가 ,
가
(8, 9).
가 가 (4).
가
CT 가
가 가 (2). CT 가
(3, 7). David- CT 가
son (1) 18 , 92% ,
94% , 60% ,
가
가 (5). , CT



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, × 100).

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J Korean Radiol Soc 2003;49:47 - 49

Neuroblastoma Arising in a Retroperitoneal Mature Cystic Teratoma: Case Report¹

Kum-Chae Jung, M.D., June-Sik Cho, M.D., Kyung-Sook Shin, M.D.,
In-Sang Song, M.D.², Kyu-Sang Song, M.D.³

¹Department of Diagnostic Radiology, Chungnam National University College of Medicine

²Department of Surgery, Chungnam National University College of Medicine

³Department of Pathology, Chungnam National University College of Medicine

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

Address reprint requests to : June-Sik Cho, M.D., Department of Diagnostic Radiology, Chungnam National University Hospital,
640, Daesa-dong, Jung-gu, Daejeon 301-040, Korea.
Tel. 82-42-220-7333 Fax. 82-42-253-0061