Testicular fibrosarcoma in pediatric patient: A case report

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Sarcoma of the testis is extremely rare tumors, their incidence being difficult to assess accurately. A case of two-year-old male, presented with painless scrotal swelling that increase in size insidiously within three months, send to urology, the examination revealed left testicular swelling–hard, not tender and oval shape scrotal US, show large mildly hyperechoic mass fat echogenicity seen in the left inguinal canal and scrotum measuring about 84x41x44 mm diameters. CT chest and abdomen were normal. Radical orchidectomy was done through an inguinal approach, histopathology showed morphology constant with fibrosarcoma of gonadal stromal origin. After 10 months, noticed reappearance of swelling in the left hemiscrotum. CT scan abdomen and pelvic showed moderate to gross ascites with cystic lesion in the pelvis on the left side, these findings are highly suggestion of malignant ascites with possibility of metastatic cystic lesion. Excision was done, Histopathology revealed spindle cell sarcoma chemotherapy morphology favor fibrosarcoma of gonadal stromal origin. Start for this case with ifosfamide+ doxorubicin protocol one cycle, his condition progress with hug ascites patient died. In conclusion, the recurrence rate of testicular sarcoma is high following radical orchidectomy, prognosis is very poor.

Keywords: Testicular tumor, Testicular fibrosarcoma, Spindle cells, recurrent testicular sarcoma, Prognosis.

Biography

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