

A Case of Retroperitoneal Dedifferentiated Liposarcoma Presented as a Swelling Mass in Left Inguinal Area

Katsumi MAKITA¹⁾, Takemasa MIDORIKAWA¹⁾, Hidefumi YAGI¹⁾,
Yasuro FUJIWARA¹⁾, Kunitoshi AITA¹⁾, Michio SAKAMOTO¹⁾,
Ryohei SAKAMOTO²⁾, Fuminori ISHII²⁾ and Yuichi YAMASHITA²⁾

¹⁾ *Department of Surgery, Showa Hospital, Tomogikukai Medical Corporation*

²⁾ *Department of Gastroenterological Surgery, Fukuoka University Hospital*

Abstract : A 66-year-old male with the mass in his left inguinal lesion came to our hospital on June, 2003. Computed tomography (CT) followed up for hepatitis C showed the huge retroperitoneal tumor extended from left inguinal area to surrounding of left kidney. Retroperitoneal liposarcoma was suspected with imaging studies. The patient received the surgery of left inguinal hernia and the fatty mass was resected at deep inguinal ring. The biopsy of retroperitoneal tumor was done at the same operation under laparotomy. Pathological findings of inguinal mass revealed fatty tissue and the findings of retroperitoneal tumor was definitive in diagnosing well differentiated liposarcoma. The tumor was removed with the left kidney. However the patient had been followed up without adjuvant chemotherapy, CT three years after the first surgery showed the mass behind spleen. The recurrence of liposarcoma was highly suspected. The tumor with a part of diaphragm, pancreatic tail, and spleen had been removed. Pathological findings demonstrated dedifferentiated liposarcoma. Metastasis had not been occurred up to six months after the second surgery. The patient died from cerebral hemorrhage on February, 2007. We will report very rare case of a retroperitoneal dedifferentiated liposarcoma found out from left inguinal tumor and had underwent several surgeries.

Key words : Liposarcoma, Dedifferentiated, Retroperitoneal, Inguinal