

POSTER ABSTRACTS

Rare presentation of castleman's disease with abdominal mass and lymphadenopathy

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Castleman's disease (CD) is a rare benign disease of unknown etiology characterized by lymphoid hyperplasia. Multiple variants of this disease exist, with differentiation based on tissue pathology and number of masses within the body. This rare disease is usually found in mediastinal area asymptotically and incidentally. It is also rare to see this tumor in the abdomen. In this study, we report a 64-year-old man who referred just with feet swelling. Laboratory findings reported microcytic anemia (Hemoglobin 9.1 g/dl, MCV: 72) and hypoalbuminemia (1.5 gr/dl). Abdominal computed tomography imaging showed 5x4 cm mass in pancreas neighborhood. Around the mass in paraceliac lymph nodes region, multiple lymphadenopathy were observed in 1 cm diameter. Fine needle aspiration biopsy from the mass was performed with endosonography. Biopsy showed lymphoid elements and structures but histological material was insufficient for a definitive diagnosis. Biopsy was repeated with tru-cut needle and pathologic examination suggests that Castleman's tumor, type of hyaline-vascular. Patient's surgery was done and the tumor was completely removed. Surgical specimens has supported our diagnosis. CD should be considered in the differential diagnosis of a abdominal mass, which coexistence with lymphadenopathy.

Keywords: Castleman's disease, abdominal mass, endosonography