

GALLBLADER PRIMARY LIPOSARCOMA: CASE REPORT AND LITERATURE REVIEW

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CASE PRESENTATION

Primary gallbladder liposarcoma is extremely rare with only 5 cases described in the literature. We report the case of a 61-year-old female patient admitted to our service with right hypochondrium pain for 1 year, associated with sporadic vomiting. On physical examination, she presented a large palpable mass occupying the right upper quadrant of the abdomen. Computed tomography: large, well-defined, heterogeneous expansive 21 x 10 cm formation in gallbladder topography. Exploratory laparotomy identified and resected a tumor (28.5 x 24 x 9 cm) with well-defined limits in gallbladder topography. Histopathological examination: Well-differentiated liposarcoma weighing 2500 g. Patient is in follow-up for 3 years without tumor recurrence.

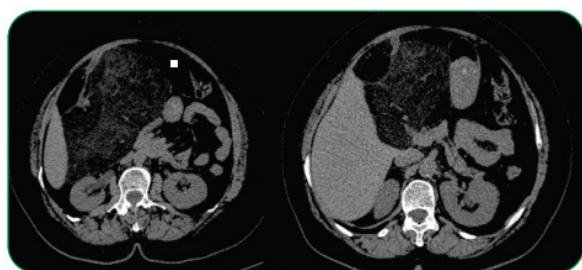


Figura 1. CT evidenciando lesão em leito hepático

DISCUSSION

Gallbladder sarcomas are rare and represent about 1.5% of all malignant gallbladder diseases. Liposarcomas are usually described in extremities and retroperitoneum, rarely presenting intra-abdominal. Most originate from the mesentery and peritoneum, and

only 5 cases are described in the gallbladder. Due to its rarity, there is no consensus on the appropriate treatment. Surgery has usually been employed in the absence of distant disease. In 1983 the first case of gallbladder liposarcoma was described, since then we have reported five similar cases in the literature. Only one had enlarged resection with hepatic segmentectomy in addition to cholecystectomy, being the only one with favorable outcome without recurrence. He has described only one patient undergoing adjuvant chemotherapy, but developed metastasis and death. Thus we realize that the most relevant prognostic factor for survival was surgical radicality. However, no data are available on the role of associated liver resection and locoregional lymphadenectomy.

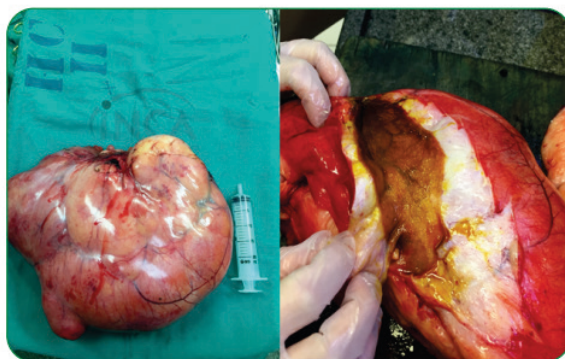


Figura 2. Espécime ressecado em bloco, observa-se íntimo contato com a vesícula biliar

FINAL COMMENTS

We describe a rare case of primary gallbladder liposarcoma submitted to surgical treatment (R0 resection) with disease-free survival after 3 years of follow up.