

## **METASTATIC OVARY CARCINOMA PRESENTING AS A LARGE LIVER CYST**

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**Background:** Neoplastic liver cysts are very rare. A search of English literature revealed a single case report in the past.

**Case report:** A 73 yr. old white female presented with 3 days history of right upper quadrant abdominal pain, nausea, vomiting, and diarrhea. The past medical history includes congestive heart failure, hypertension, peptic ulcer disease and surgery for Rt. ovarian tumor in 1937, cholecystectomy and thyroid-ectomy. On present admission she was afebrile, non-icteric, liver was palpable 3 cm. below the costal margin, normal in consistency and non tender.

**Laboratory:** Normal CBC, AST 86 u/l, ALT 80 u/l, Alk Phos 128 u/l, LDH 200 u/l, total Bili 0.7mg/dl. X-Ray of Abdomen- calcified Lt. ovarian mass. TP 6.5, Alb 4.1, chest X-Ray – normal. CT Scan: large hepatic cyst occupying 50-60% of the Rt. lobe of liver. ERCP: normal pancreatic duct, displacement of intrahepatic ducts. CT guided liver cyst aspiration revealed atypical mesothelial cells and markedly atypical degenerated epithelial cells. Exploratory laparotomy: cyst wall was consistent with papillary cyst adenocarcinoma of ovary and Lt. ovarian mass (Papillary Cyst Adeno-carcinoma).

**Conclusion:** Metastatic ovarian carcinoma should be considered as a differential diagnosis in the evaluation of Hepatic Cyst.