



Contribution ID: 17

Type: **Poster**

A RARE CASE OF HUGE DERMOID CYST ARISING FROM MESENTERY: A CASE REPORT

Saturday, 18 September 2021 19:35 (10 minutes)

BACKGROUND-

The **incidence** of Dermoid ovarian cyst is 15-20% of all ovarian neoplasm, which is a common entity. Mesenteric cyst is one of the **very rare entities** with incidence of 1 in 2,00,000 and Mesenteric Dermoid cyst are **even rarer entity** amongst all of the mesenteric cysts with incidence of 1:1,00,000. Both mesenteric cyst & mesenteric dermoid cyst have good prognosis.

Here we report a rare abdominal tumor, which was initially diagnosed clinically as an ovarian dermoid cyst but operative and histology revealed mesenteric dermoid cyst.

Case: A 36-year multipara presented with abdomino-pelvic mass gradually increasing in size since 1 year with recent onset of abdominal pain..

Physical examination revealed abdominal mass upto **26cm*20cm size**, globular, nontender, variegated surface, mobile, cystic to solid in consistency.

CECT abdomen & pelvis revealed a large well defined, abdomino-pelvic **14.42*123.1 cm** heterogeneous mass with areas of fat density and calcifications, suggestive of neoplastic mass ,likely teratoma.

Tumor markers : AFP, B-hCG and CA-125 all within normal limit.

Patient was **managed surgically** after necessary pre- operative investigations.

Laparotomy findings revealed a huge **solid mesenteric mass (22cm*20cm) weighing 6.5kgs**. Small bowel & both ovaries were adhered & was separated from mass by fine dissection. Postoperative period was uneventful.

Histopathological examination showed mature cartilage, osteoid formation, fibro-adipose connective tissue, focal lymphoid aggregates, congested blood vessels, focal mature neuronal component and no immature elements seen, confirming *dermoid cyst*.

KEYWORDS- Dermoid cyst, mesenteric cyst

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Session Classification: Poster Presentation