

# **CASE REPORT: RETROPERITONEAL CYSTIC LYMPHANGIOMA**

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## **INTRODUCTION**

Retroperitoneal cystic lymphangioma is a rare benign congenital tumour of lymphatic vessels. Even though the incidence of cystic lymphangioma is approximately 1/6000, the incidence of retroperitoneal cystic lymphoma is less than 1% and only around 186 cases have been reported.

## **HISTORY**

A 11 year old girl was admitted with complains of painless abdominal distension since last 10 days. On physical examination, a soft non-tender firm mass with smooth margins measuring 20cm x 15cm was noted in the right lower abdomen which was crossing the midline.

## **INVESTIGATION**

USG revealed a well defined large mass in right abdomen with impression as Gastrointestinal Stromal tumour. CECT abdomen revealed a well defined cystic lesion most probably a Mesenteric cyst or Peritoneal cyst.

MRI showed a mass measuring 15.2x12.8x11.6 cm with uniform thick wall enhancement and septations and multiple fluid-fluid level, probable diagnosis retroperitoneal cystic lymphangioma.

## **DIAGNOSIS**

Intraoperative, A large retroperitoneal multicystic tumour was excised along with a part of small intestine. On HPE, a diagnosis of retroperitoneal cystic lymphangioma was confirmed.

## **DISCUSSION**

The lesion was not only at a rare site that is the retroperitoneal but also located in the right side of abdomen, it crossed mid line to involve the whole lower abdomen and even presented with haemorrhages within. Hence it is one of the very uncommon presentations.

## **TREATMENT**

Cystic lymphangioma is complete surgical excision

## **CONCLUSION**

Due to its potential to grow and invade vital structures along with developing life-threatening complications like cyst rupture, haemorrhage, volvulus or infection. A excision should be considered as a therapeutic option to treat retroperitoneal.

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