



2025

KARNATAKA RADIOLOGY EDUCATION PROGRAM

CASE OF RETROPERITONEAL CYSTIC LESION

- From
- Department of Radiodiagnosis
- Karnataka medical college
and research institute , Hubli

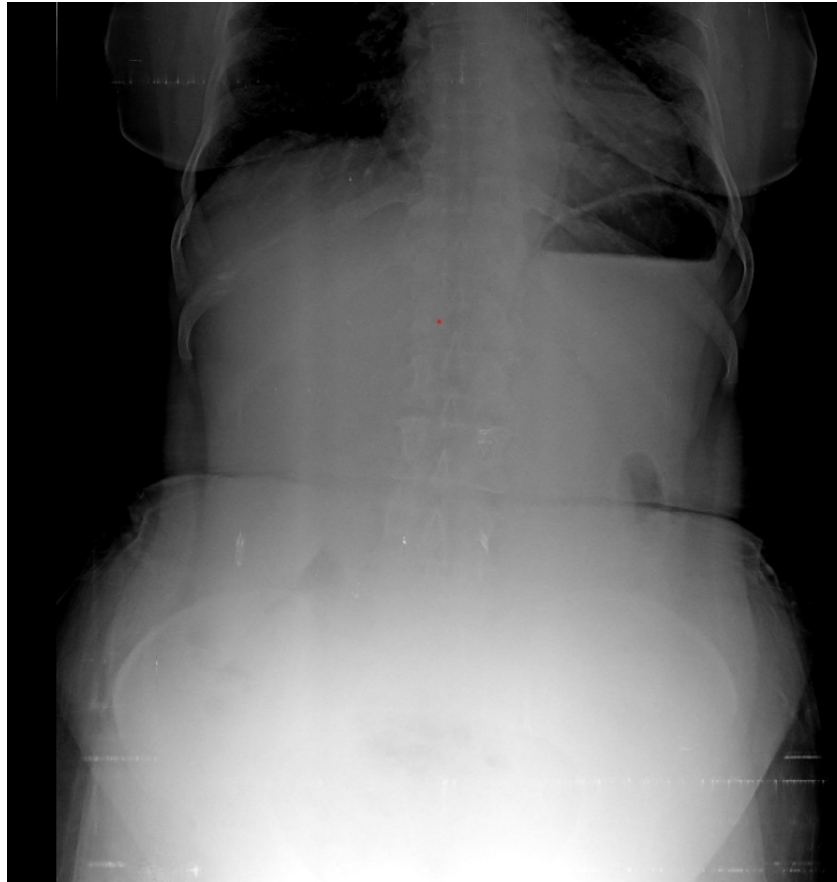


History

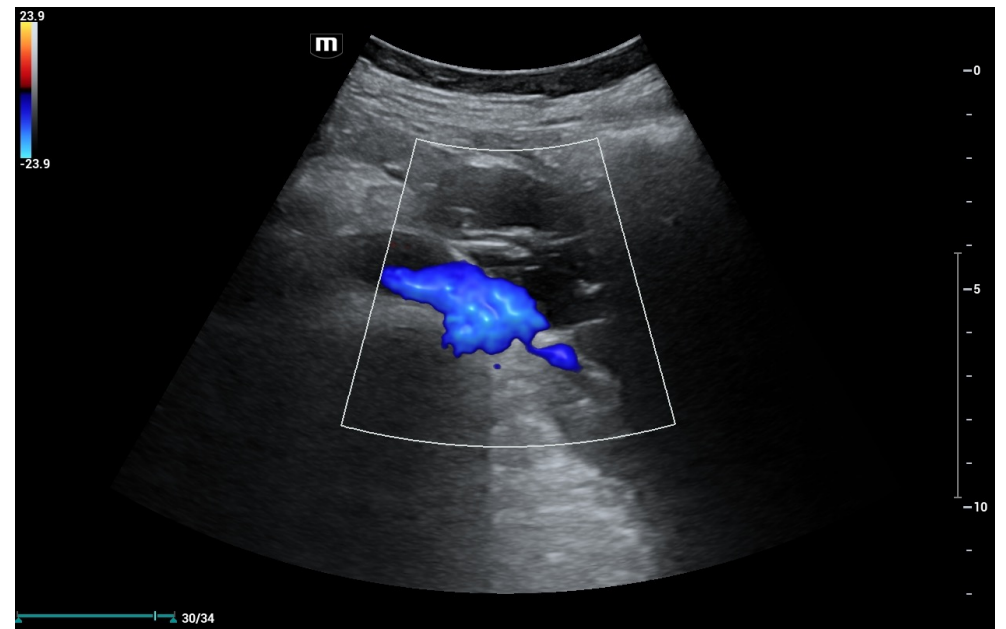
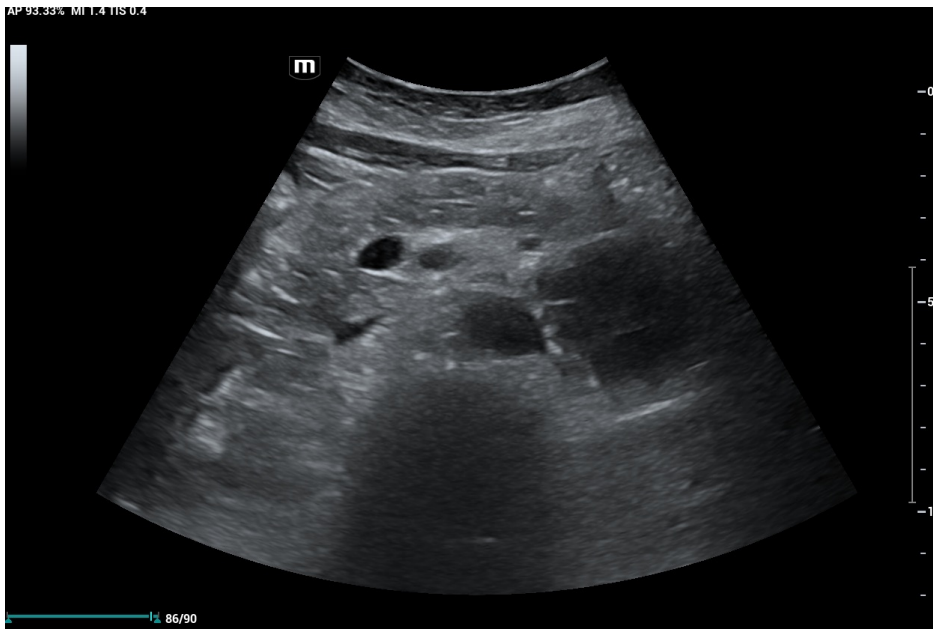
- 50 year old female patient
- c/o pain abdomen in epigastric region since 1 month
- no significant past /family history
- no history of previous surgery
- no known comorbidities



Abdominal Xray



ULTRASOUND

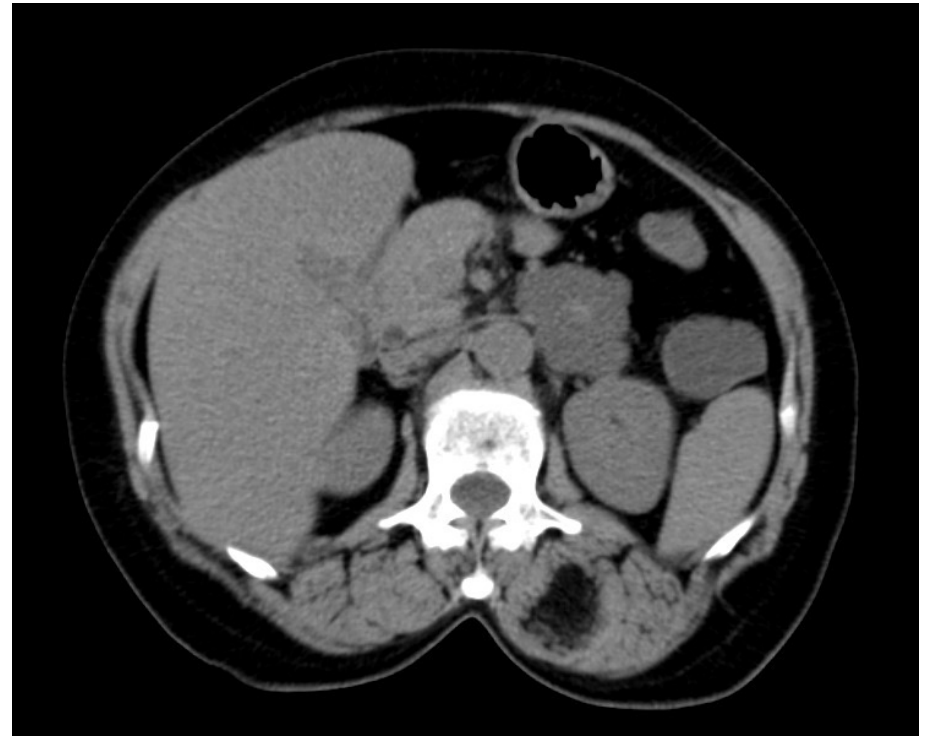
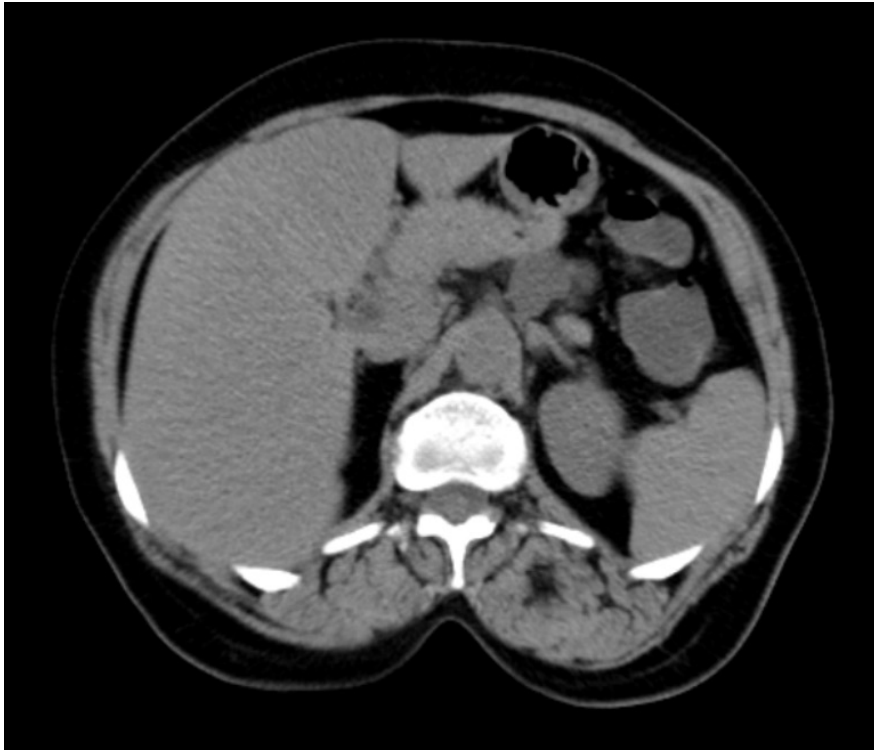


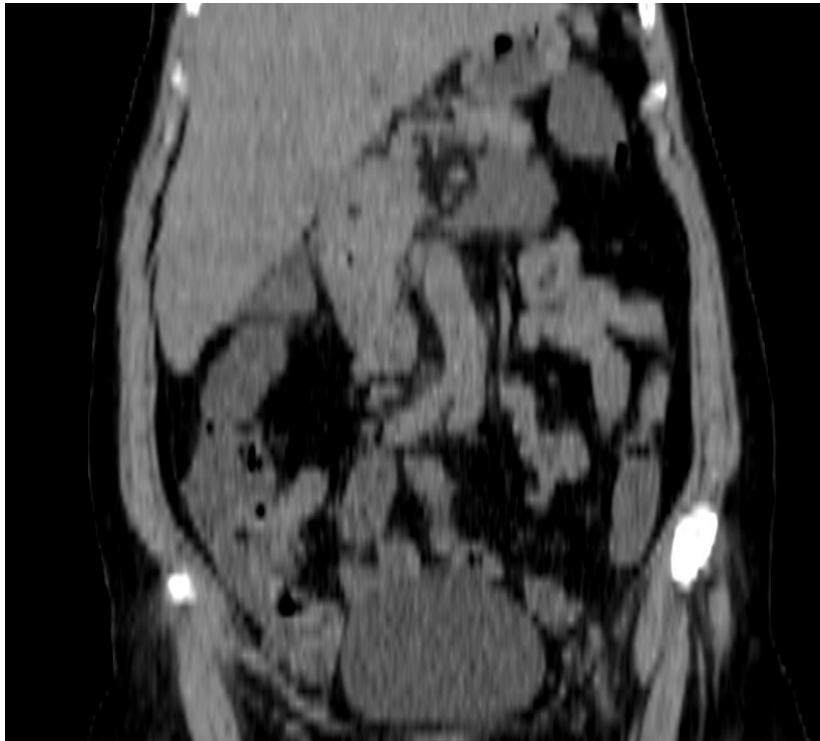
ULTRASOUND FINDINGS

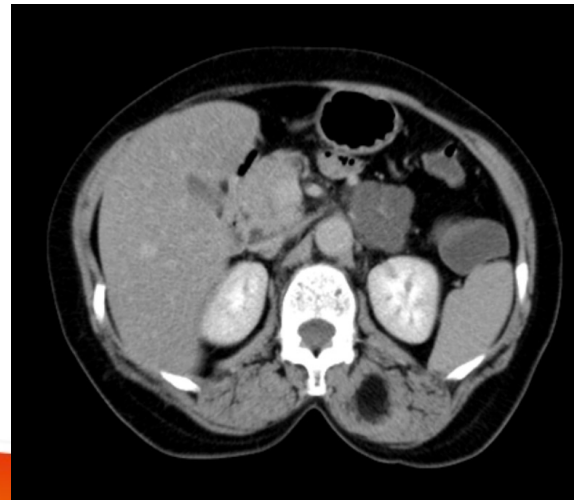
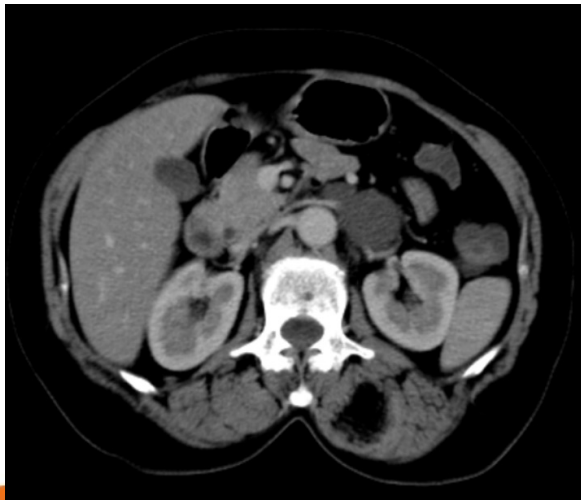
- A well defined anechoic cystic lesion with thin margins and few echogenic septae within ,noted posterior to distal body and tail of pancreas ,and at left paraaortic region , no significant internal vascularity noted within the lesion and no septal vascularity seen
- DDs -
 - Cystic neoplasm of pancreas
 - Primary retroperitoneal cystic lesion
 - Pseudocyst of pancreas
 - Hydatid cyst

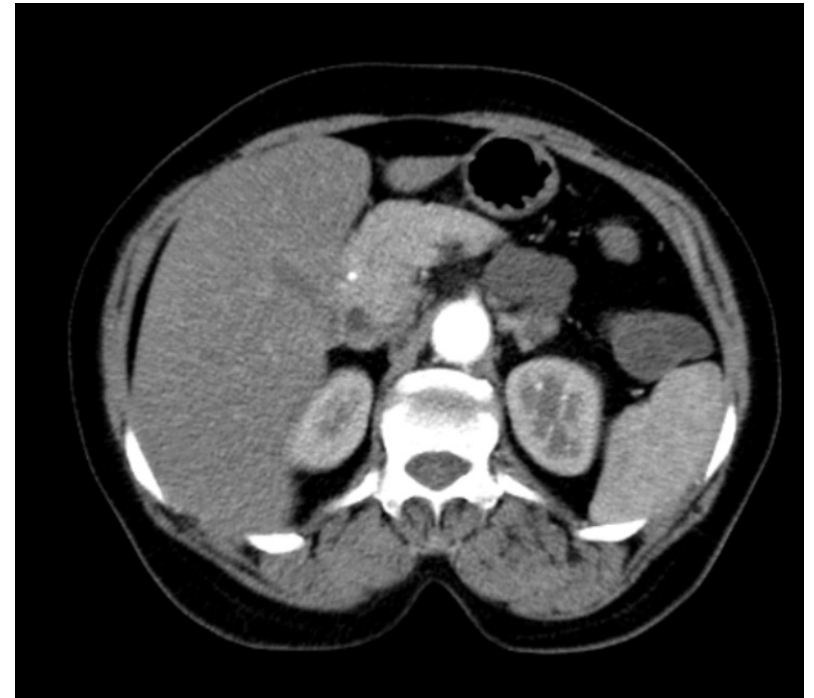


CT










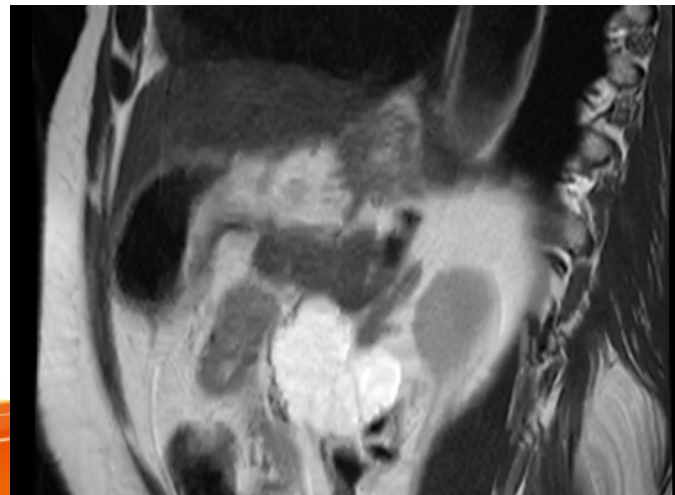
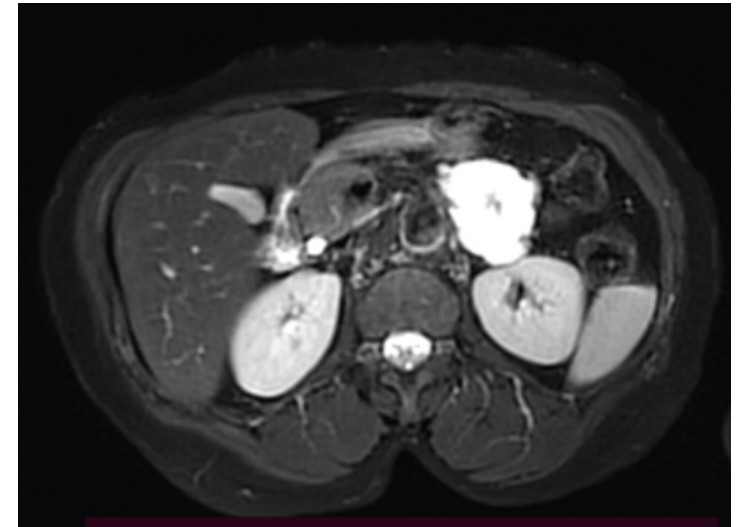
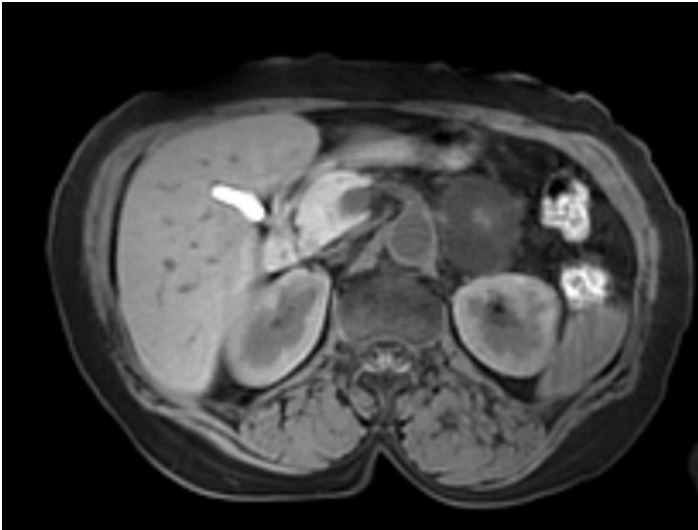
- CT findings

A lobulated well defined hypodense lesion measuring 4.7x3.5x4cm noted posterior to and closely abutting distal body and tail of pancreas , and extending to left paraaortic region at the level of renal vessels. Post contrast study shows no obvious enhancement with enhancing central scar

- DDs

- Primary Retroperitoneal cystic lesions - lymphangioma , cystic mesothelioma, cystadenoma
 - Exophytic serous cystadenoma of pancreas
 - Hydatid cyst type 1
- 

MRI



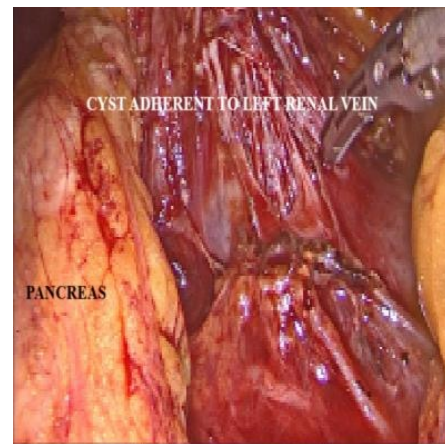
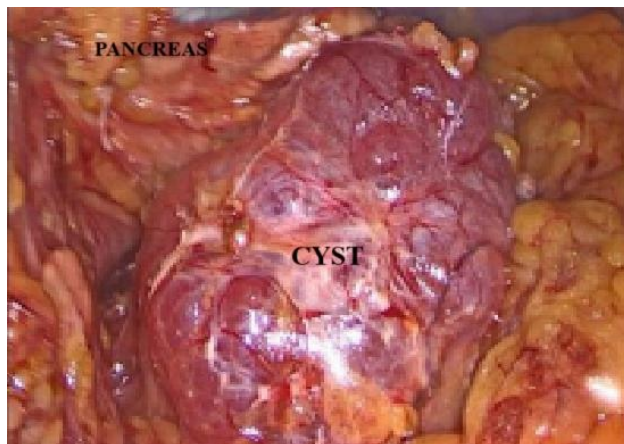
- MRI findings

A well defined multilocular lobulated T1 hypointense, T2 hyperintense lesion noted in posterior aspect of distal body and tail of pancreas with loss of fat plane with adjacent pancreas. There is T2/STIR hypointense central scar within.

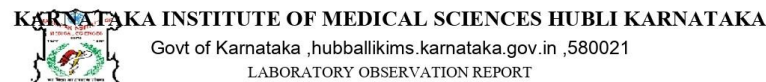
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Intra operative images



Histopathology report



KARNATAKA INSTITUTE OF MEDICAL SCIENCES HUBLI KARNATAKA
Govt of Karnataka ,hubballikims.karnataka.gov.in ,580021
LABORATORY OBSERVATION REPORT

UHID: 20240148180

Patient Name: ■ ■ ■ ■ ■

Reg Date: 13/05/2024 10:37 AM

Ward Name : 204 Surgery Ward

Sex: Female

Order By:

Unit Name:

Sample Collection Date: 08/07/2024 04:01 PM

Lab Name: PATHOLOGY

Department: GENERAL SURGERY

Age: 50 years 1 month 26 days

Order Date: 08/07/2024

Unit In-charge:

Sample Received Date: 08/07/2024 04:02 PM

Lab Reference NO: 4054

Report Upload Date: 16/07/2024 12:27 AM

Sample Details :PC-080724011 (Blood) / PATHOLOGY COLLEGE LAB Report Date: 16/07/2024 12:27 AM

H P R (HPR)

SPECIMEN

Excised specimen of mass from retro pancreatic region.

GROSS:

Specimen consists of single grey white to grey brown fibromuscular tissue mass measuring 2.5 x 1.6 x 1cm. Externally, it is soft in consistency. On cutsection, grey brown areas are noted.

MICROSCOPY:

Section studied shows fibrocollagenous and fibrofatty tissue showing thin walled dilated vascular channels filled with proteinaceous material. Also noted are few lymphoid aggregates.

There is no evidence of atypia or malignancy in sections studied.

IMPRESSION:

Features suggestive of **LYMPHATIC CYST.**

PATHOLOGIST

KIMS, HUBLI

Diagnosis Comment:

Nature of Disease: -

Verification Comment:

- FINAL DIAGNOSIS - RETROPERITONEAL LYMPHANGIOMA



THANK YOU

