C.C: Left upper quadrant pain
P.I: The Patient is a 34- years- old women with Left upper quadrant pain in a few months ago
Weight loss -
LUTS -
Hematuria -
B Symptom –
HTN –
Headache –
Palpitation -
D.H: -
F.H: -
P.M.H: –

Ultra Sound: Rk:111  LK:107

Multi lucular lesion without Vascularity

in left Retro Peritoneal with size 8 cm

Ovarian & other sites (normal)

H.H: Smoking –

Bp: 120/70   PR: 80   T:36.8   R.R:14
Abdominopelvic CT Scan (with & without): (1400.5)
Hypodense lesion containing Fat and calcification of 66 mm in left Retro peritoneal
Lab test: Cr: 0.9
urine methanephrin : 164
urine normethanephrin:334
• AFP: Normal
• CA 19-9: Normal
• CEA: Normal
Next step

• MRI ?
• Biopsy ?
Biopsy in other center (teratoma)
Revision ( HKC )
Clinical Data:
A 36 Y/O woman with left pre-renal lesion.

Macroscopic:
Specimen received in 2 containers labeled as follows:
A) Left para-renal lesion, consists of 4 filliform of cream soft tissue
TM: 0.5x5.0cm. SOS: 4/4. EMB: 100%
B) Left para-renal lesion, consists of 3 filliform cream soft tissue
TM: 1.2x1.0cm. SOS: 3/4. EMB: 100%

Microscopic:
A, B) See the diagnosis please.

Diagnosis:
A) Left para-renal Lesion, Core Needle biopsy:
- Fragments of unremarkable striated muscle bundles.
- Negative for malignancy in received specimen.
B) Left para-renal Lesion, Core Needle Biopsy:
- Fragments of unremarkable striated muscle bundles.
- Negative for malignancy in received specimen.

Pathologist: M. Asgari  M. Mehrzad  M. Abolhasani  M. Rahimi
M. D.AP/CP  M. D.AP/CP  M. D.AP/CP  M. D.AP/CP
- Observation  ?
- Surgical resection  ?
- Chemo therapy  ?
Clinical Data:

Left flank pain since 2 months ago and retroperitoneal mass.

Macroscopic:

Specimen received in formalin, consists of a solid cystic mass M: 8x6.5x6 cm attached to adrenal gland M: 2x0.5x0.5 cm. External surface is smooth. On opening, a multicellular solid cyst mass is noted filled with pasty material. Maximum wall thickness is 1.2 cm. SGS: M/12 EMB: 36%

Block description: 1-7 mass 8 adrenal gland RP(4)-r random

Microscopic:

Sections show a neoplastic tissue, composed of mature osseous and cartilaginous tissue, associated with stratified squamous epithelium. Some lumens lined by ciliated columnar epithelium are noted. Aggregates of foamy histiocytes and some giant cells is also identified.

Diagnosis:

Retroperitoneal Mass, Resection;
- Mature Cystic Teratoma.
- Adrenal tissue is also present.
- Size: 8x6.5x6 cm.

Pathologist: M.Asgari M.D.AP/CP
M.Mehrazma M.D.AP/CP
M.Poohsani M.D.AP/CP
M.Rakimi M.D.AP/CP
• Does the patient need follow up?
Refrences:


• Mature (benign) cystic retroperitoneal teratoma involving the left adrenal gland in a 22-year-old male: a case report and literature review
Adnan Bhatti et al. case Rep Oncol Med 2013
