

Surgery Mini-OSCE 2018

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The patient is 50 years old lifelong smoker, presented with chronic cough and weight loss:

Mention the finding you see in this picture:

Dilated veins in the right arm and chest

What is your diagnosis?

Cancerous mass in the right lung

Explain how the condition caused this finding:

Obstruction of the venous flow





What type of imaging study is used here?

Ultrasonography (U/S)

Mention two findings:

A Stone

Acoustic shadow

Thickening of the gallbladder wall

What is your diagnosis:
Hydatid liver cyst

What is the cause of Jaundice
in such patient?

**Rupture of the cyst so a
daughter cyst gets inside the
CBD and causes obstruction
OR
Compression of the hepatic
ducts/ CBD**





Name this device:

Underwater Seal Drainage system/ Chest tube

What was the indication for its usage?

Empyema

What is the most common cause of this problem?

Para pneumonic effusion

Mention two findings in this X-Ray:
X-Ray:

Absence of gas in the large bowel

Double bubble sign

What is your diagnosis?

Duodenal Atresia



The mass shown in the midline of the neck is most probably:

A thyroglossal duct cyst

Mention one test to conform:

Moves upwards with tongue protrusion.

What is the management for such condition?

Surgical excision of the cyst

Give two complications of such a condition:

Infection and abscess/

Increased risk of malignancy





Mention two findings:

Chemosis/ Lid retraction/ PeriOrbital Edema -> Right eye

Most probably caused by:

Orbital Cellulitis?

You find this in the Right lower Quadrant of a patient who went total colon resection:

What does the picture show?

End ileostomy

Mention two local Complications:

Skin irritation

Ischemia and Necrosis

Prolapse/Retraction

Bowel obstruction





What is the surgical condition?

Neck abscess

What is the name of procedure done in the picture?

Packing with a gauze

What is purpose of such an procedure?

Open drain/ to maintain the structure

The patient underwent proctocolectomy:

Give two findings:

Colon mass/polyps

Loss of haustrations

What is your diagnosis?

Colon CA



What is the condition shown in this picture?

Pilonidal Sinus/ inflamed

What is the current treatment for such condition?

**Incision and drainage +
Antibiotics**

What is the definitive treatment?

Excision of the sinus





Name this condition:

Omphalocele

Mention two factors on which prognosis depends:

The severity (size) of the defect

Associated anomalies



What is the condition shown in the picture?

Imperforated Anus

Mention two clinical signs:

**Anus opening is missing/ No passage of stool for a day or two after birth
or passage of stool through another opening**



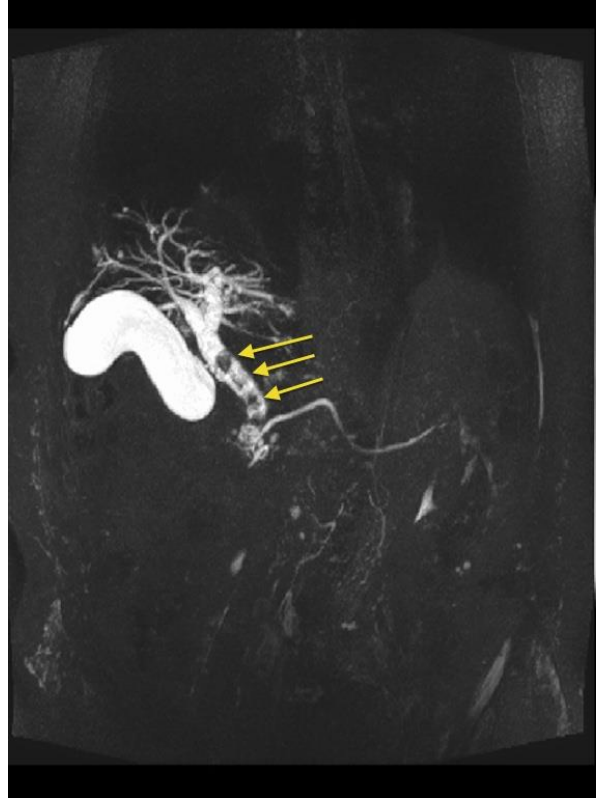
Mention two clinical findings:

Breast Edema (Peau de orange)

Nipple retraction

What will be your next investigation?

Mammography



Woman presented with RUQ pain, fever and Jaundice. A surgical procedure was done to relief her symptoms:

What does the picture show?

MRCP- CBD stent

What is the most probable diagnosis?

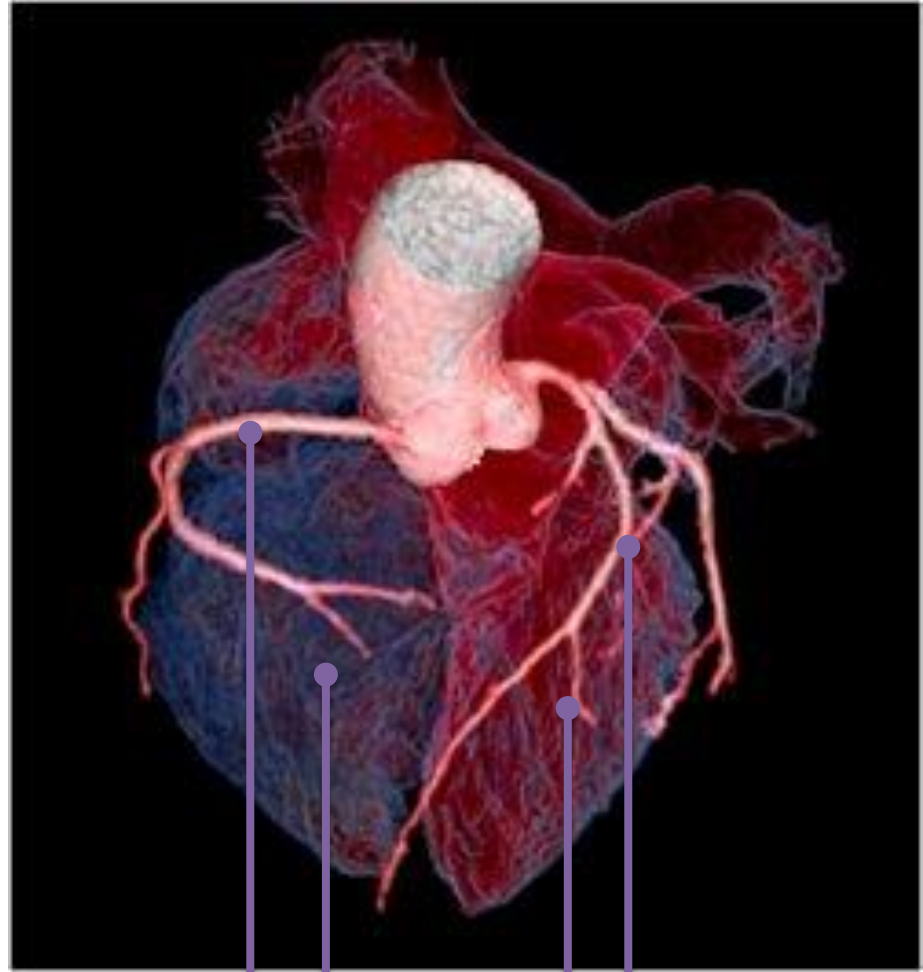
Ascending cholangitis

What most probably caused this condition?

Choledocholithiasis predisposed infection

Identify:

- 1- RCA
- 2- Right Ventricle
- 3- Diagonal Artery
- 4- LAD



1

2

3

4



What is the degree of this burn?

Third degree burn/ full thickness skin burn
(eschar formation on the elbow)

Mention one serious complication of such condition:

Joint contracture

Mention the name of the test performed:

Buerger's test/ Buerger's Angle

What is the finding?

Pallor in the right foot (positive Buerger's test)

What is your diagnosis?

Chronic limb ischemia/ PAD





A patient that was burnt on his chest 15 years ago presents to you with the following picture:

What is the finding shown in the picture?

Malignant (Marjolin's) Ulcer

Mention two complications:

Ulceration/ Metastasis of the tumour

Mention two findings you see in this picture:
Swelling above the umbilicus/ Redness (erythema)

Diagnosis?
Paraumbilical Hernia

Give two complications of such condition:
Inflammation/ Strangulation and Bowel obstruction/ Ischemia and Necrosis



Good luck