

Students Interactive learning week 5 Liver 16-20 March

Check your Pathology Department site every Wednesday for the new update of cases

<http://www.medicine.cu.edu.eg/beta/>

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| General Lecture halls assigned | 2, 4, 9 |
| Place | Above MEDC |
| Time | 2.30-4pm |

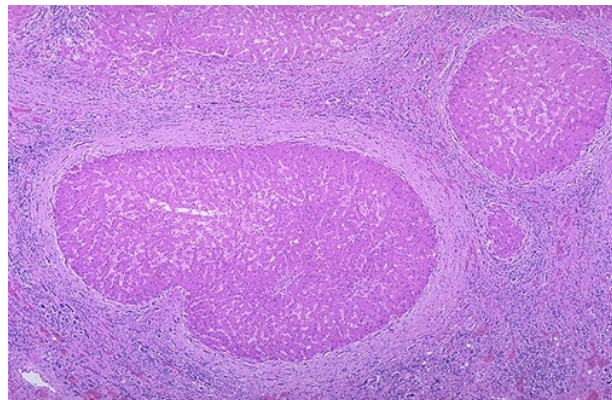
Material

1) CASE 19

- A male 60 years old, developed an increasing abdominal swelling and bleeding tendency.
- On examination, it is apparent that his abdominal swelling is due to ascitis.
- He also had splenomegaly , spider naevi, mild ankle oedema and firm shrunken liver.
- He had a past history of an attack of jaundice with mild fever since 7 years.
- Liver- biopsy was performed after correcting his blood clotting abnormalities.

QUESTIONS:

- 1- What is your diagnosis?
- 2- What are the histological features seen in the liver biopsy
- 3- What are the complications of this condition?



2) Technical Considerations

An appendectomy is performed for a 12 year old boy suffering from acute appendicitis. The appendix is removed by the surgeon and sent to the lab for histopathologic examination.

1. What is the fixative that will be used ?
2. What will you do when you receive the specimen ?
3. What are the steps taken to make the slide you will examine under the microscope?
4. What is the routine stain used in this case?

3) General Pathology

A 69- year-old man has had difficulty with urination, including hesitancy and frequency, for the past 5 years. A digital rectal examination reveals that the prostate gland is palpably enlarged to about twice normal size. A transurethral resection of the prostate is performed, and the microscopic appearance of the prostate "chips" obtained is that of nodules of glands with intervening stroma. Which of the following pathologic processes has most likely occurred in the prostate?

- (A) Apoptosis
- (B) Dysplasia
- (C) Fatty change
- (D) Hyperplasia
- (E) Hypertrophy
- (F) Metaplasia

4) Special Pathology

A 53-year-old man comes to the emergency department because of marked hematemesis that has continued for the past 3 hours. On physical examination, he has a temperature of 35.9°C , pulse 112/mm, respirations 26/mm, and blood pressure 90/45 mm Hg. He has a distended abdomen with a fluid wave, and the spleen tip is palpable. Which of the following liver diseases, is most likely to be present in this patient?

- (A) Bilharzial fibrosis
- (B) Cholangiocarcinoma
- (C) Massive hepatic necrosis
- (D) Fatty change
- (E) HAV infection