**CASE-8: JAUNDICE**

**Student Handout**

Mrs. Amnah a 49 years old house wife, presented to the hospital complaining of dark urine over the last few weeks. At that time, she also said that her daughter noticed a yellowish discoloration of her eyes.

The urine became dark gradually without any urgency or burning sensation. The stool color is pale which started around the same time with the dark urine. The yellowish discoloration of her eyes was noticed accidently by her daughter and she didn’t notice it before. The patient has no special habits and there is no recent medication history. Her father died of cancer colon few years ago.

**General Examination Revealed:**

Weight: 69 kg.

Height: 167 cm.

Temp: 37.2˚C orally.

R.R: 21 / min.

Blood Pressure: 125/85 mm/Hg.

Pulse rate: 85/minute with regular rhythm.

Skin: Slight yellowish discoloration of the skin.

Eye: Slight yellowish discoloration of the sclera.

**Abdominal Examination**: The abdomen was lax without tenderness or any palpable masses, no enlarged liver or spleen.

**INVESTIGATIONS:**

**Blood tests**: *Patient’s Values Normal*

Serum cholesterol: 300 mg/dl less than 200 mg/dl

Total bilirubin: 1.7 mg/dl 0.2-1.4 mg/dl

Conjugated bilirubin: 1.2 mg /dl 0.0- 0.4 mg/dl

Unconjugated bilirubin: 0.5 mg/dl

Alkaline phosphatase: 44 U/L 32-110 U/L

**Abdominal ultrasound** revealed a pancreatic swelling in the head of the pancreas.

**The learning objectives:**

At the end of the session, the student should be able to:

* Enlist the differential diagnosis of the jaundice along with dark urine and pale stool as experienced by this patient.
* Identify the causes under most likely & less likely categories.
* Explain the abnormal findings in the history and clinical examination.
* Identify the most likely diagnosis of this patient.
* Determine the further investigations required.
* Estimate the risk for consequences of her presentation.
* Make a management plan for immediate treatment and follow up.
* Discuss the non-drug advices the treating physician has to give to him.

**INSTRUCTION TO STUDENTS:**

Please, read the case carefully, individually or in the group, before you are coming to the "Case Based Learning" (CBL) session. Look at the objectives and try to fulfill these objectives. Prepare for the case by refer to some suggested reading list. Prepare the case well, the tutor in CBL session will ask you to go through the case, and answer to his some stimulating and specific questions related to the case to ensure that you have fulfill these objectives.

**Suggested Reading:**

* Clinical Medicine: Parveen Kumar. 6th edition.
* Clinical methods by McLeod

**Important Information to students:**

* The students are expected to read the case and related question carefully, try to answer them before they come case-based learning session.
* Every student must bring the following book to the session:

Lawrence M Tierney & Mark C Henderson, The Patient History, Evidence-Based Approach, LANGE

* this patient?