

Gender: Male

Age: 13

MRN: 858063

Diagnosis: Hepatic fibrosis

History and Physical:

Doctor: Hello, what's your name?

Patient (Child): My name is Muhammad Subhan.

Doctor: Nice to meet you, Subhan. How old are you?

Patient's Mother: Hes 12 years and 8 months old. He was born on 12th March 2012.

Doctor: Where are you from?

Patient's Mother: We live in Kohat.

Doctor: And how many siblings does he have?

Patient's Mother: He is the youngest of 7 children.

Doctor: Are you and your husband related by blood?

Patient's Mother: Yes, we are consanguineous.

Doctor: What brings you in today?

Patient's Mother: He had episodes of vomiting blood. His first one was about 6 months ago. Since then, he's had 4 more, the last one on 9th November. He had an endoscopy done that day, and they gave him two units of blood.

Doctor: I see. Has he had any other health issues in the past?

Patient's Mother: He was healthy until he turned 6. Then he had pain on the right side of his stomach, but it got better with medicine.

Doctor: What medications has he taken recently?

Patient's Mother: He's not taking any medications currently, but in the past, he was given IV antibiotics, ondansetron, omeprazole, and Ulsanic syrup.

Doctor: Has he ever had surgery?

Patient's Mother: Yes, he had a liver biopsy.

Doctor: Any family history of liver diseases?

Patient's Mother: No, nothing like that.

Doctor: How was his birth?

Patient's Mother: Normal delivery. I don't remember the birth weight.

Doctor: Is his vaccination up-to-date?

Patient's Mother: Yes, according to the EPI schedule.

Doctor: How is his development?

Patient's Mother: Normal for his age.

Doctor: Whats his usual diet like?

Patient's Mother: Mostly soft foods.

Clinical Examination

Weight: 45 kg (above 50th percentile)

Height: 160 cm (above 90th percentile)

Jaundice: Negative

Pallor: Negative

Edema: Absent

Cardio: S1 + S2, no murmur

CNS: GCS 15/15

Respiratory: Normal vesicular breathing

GIT: Soft, non-tender

## Investigations

### Test Result

Bilirubin 0.51

ALT 24

ALP 200

Albumin 3.74

Creatinine 0.5

INR 1

WBC 4.72

Hemoglobin 8.1 g/dL

Platelets 178  $\times 10^9/L$

Ferritin 12.6 (Low; Ref: 30400)

Ceruloplasmin 22 (Normal; Ref: 1530)

Viral Serology Negative

Liver Biopsy (06-May-2024)

Findings consistent with Congenital Hepatic Fibrosis

No cholestasis, steatosis, granulomatous inflammation, or malignancy

## Radiological Findings

CT Scan (29-Apr-2024):

Nodular liver surface

Enlarged caudate lobe

Dilated portal vein (14mm), no thrombus

Mild splenomegaly

Impression: Chronic hepatocellular disease

Endoscopies:

12-Nov-2024: Grade 3 esophageal varices; 6 bands applied

22-Mar-2024: Grade II varices, mild portal hypertensive gastropathy

Plan

CT Triphasic Liver (HCC protocol)

Start Propranolol 15mg TDS

Start Omeprazole 20mg BD

Parental counseling done

Endoscopy scheduled in 4 weeks

Financial screening advised before CT Triphasic