Gender: Male

Age: 5

MRN: 708087

Diagnosis: Hepatic fibrosis

History and Physical:

Conversation: First Visit 22 September 2022

Doctor: Hello! What brings you here today?

Mother: This is my son, Muhammad Umer. He's 2.5 years old, weighs 12 kg, and is 87 cm tall. We

came in for a follow-up on his kidney disease.

Doctor: Alright. Any significant family or birth history?

Mother: Yes, we are a consanguineous couple. Umer has two siblings who passed away from

polycystic kidney disease. Two other siblings are healthy. He was born full-term and had no

complications during birth.

Doctor: Got it. Has he been meeting his developmental milestones?

Mother: Yes, developmentally he's normal. His vaccinations are up to date as per schedule.

Doctor: When was he diagnosed with polycystic kidney disease?

Mother: He was fine until 6 months of age. We got some tests done during a minor illness and

discovered he had PKD. His belly was also swollen around that time.

Doctor: Any history of GI bleeding?

Mother: Yes, he had around 45 episodes of hematemesis and melena. Hes undergone band ligation

through endoscopy seven times. The last episode of GI bleeding was in March 2022, and the most

recent endoscopy was on May 21, 2022.

Doctor: Let me check the records. The last EGD shows one column of Grade I varices and mild

gastropathy. Lets also look at his labs.

Lab Results (20202022)

Doctor (reading labs):

Bilirubin: 0.4

ALT: 19

ALP: 70

INR: 1.07

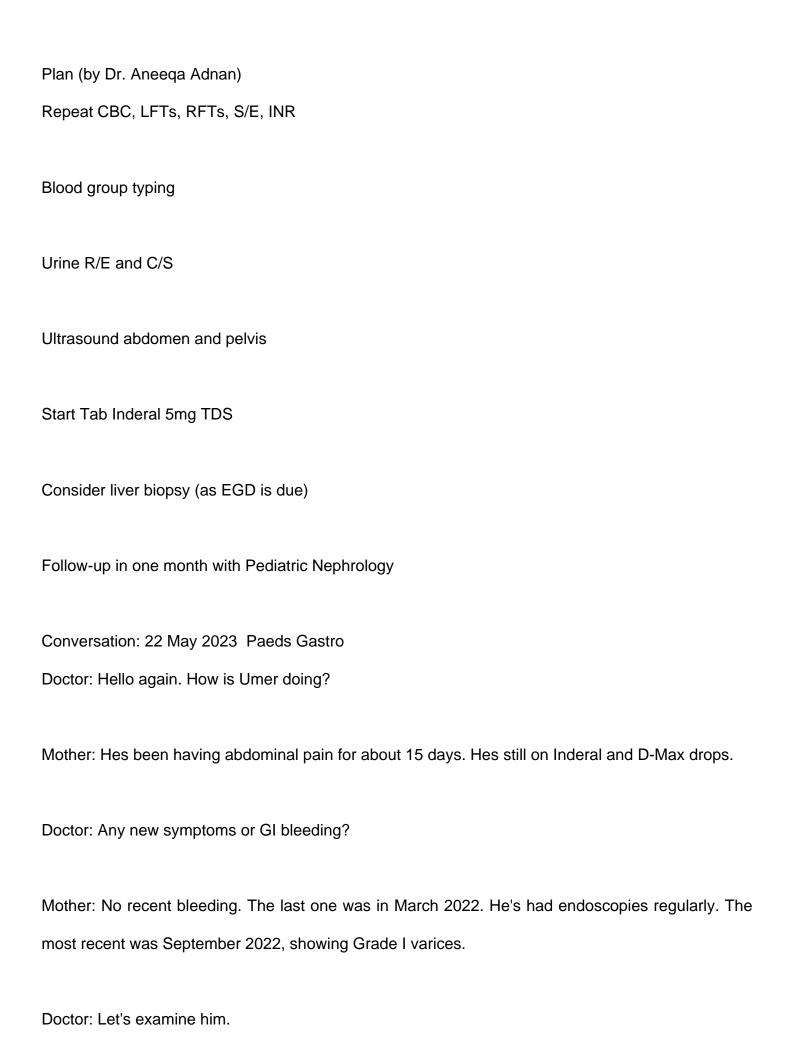
HB (Mar 2022): 10.0

WBC: 9.4

Platelets: 151

Doctor: His labs seem stable for now. Imaging shows bilateral cystic kidneys with hepatic fibrosis,

but no signs of progressive portal hypertension.



Examination
Weight/Height: 12 kg / 89 cm (Below 5th centile)
GIT: Soft, non-tender abdomen, liver 3 cm BCM, spleen 2 cm BCM
CVS, CNS, Respiratory: Normal
No jaundice, pallor, or edema
Doctor: Based on his history and imaging, this is consistent with Autosomal Recessive Polycystic
Kidney Disease (ARPKD) with suspected Congenital Hepatic Fibrosis.
Plan
Labs: CBC, LFT, RFT, S/E, INR
Liver biopsy and EGD planned for tomorrow
Continue current medications
Salt-free diet advised

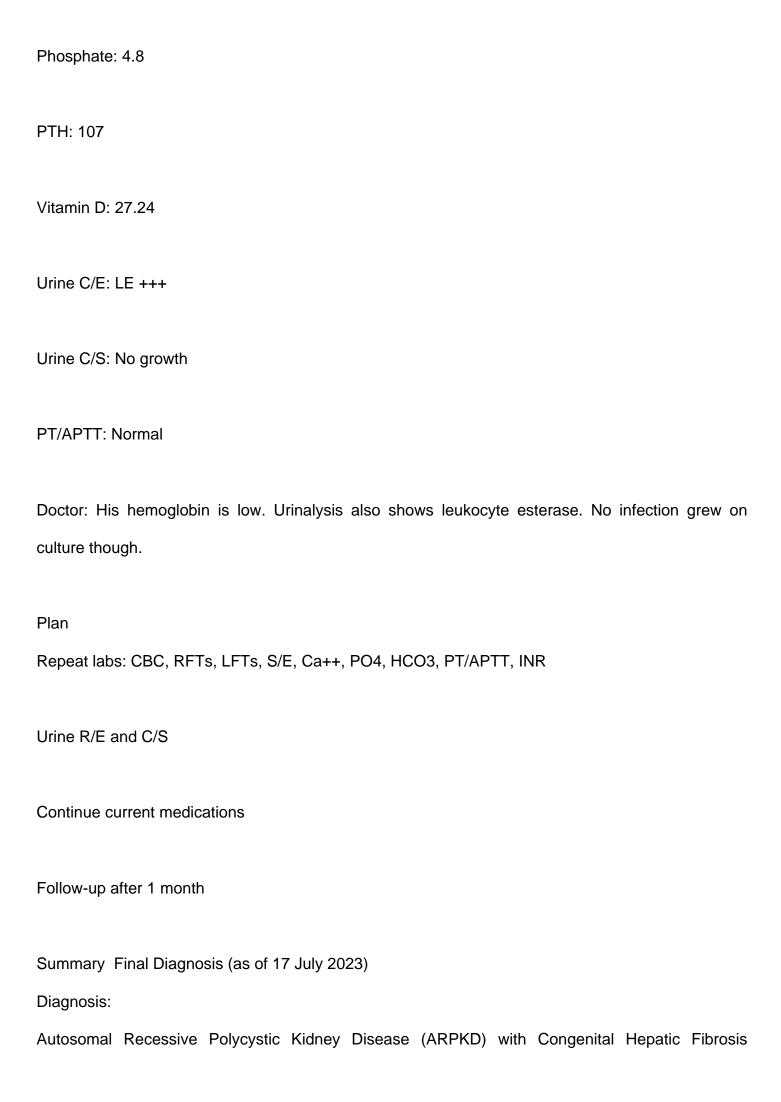
Conversation: Follow-up 17 July 2023

Doctor (Dr. Aneeqa Adnan and Dr. Iqra): Good to see you again. How is Umer now?

Anesthesia and OR booking completed

Mother: Hes stable and doesnt have any active complaints. Doctor: Great. Let's go over his labs from May 23: Lab Results 23 May 2023 ALT: 74 AST: 39 ALP: 138 Urea: 24 S/Cr: 0.7 Na+: 136 K+: 3.29 HB: 7.9 TLC: 4.3 Platelets: 180

Ca++: 9.36



(confirmed by liver biopsy)
Current status: Not on dialysis
Liver biopsy (24 May 2023):
Ductal plate malformation
Fibrosis involving 6070% of biopsy volume
No cirrhosis
Endoscopy (24 May 2023): Grade II varices (12 o'clock position)