

Gender: Female

Age: 55

MRN: 888765

Diagnosis: Cholangiocarcinoma

History and Physical:

Date: 15 January 2025 Initial Visit

Patient: Doctor, Ive been feeling pain in my abdomen, weakness, and Ive noticed jaundice and itching for the past few weeks.

Doctor: How long have you been feeling like this?

Patient: Its been about three months now. I was completely fine before that.

Doctor: Alright. Have you had any previous medical conditions?

Patient: Yes, I have Parkinsons disease and Im taking Sinemet tablets for that. I also have hypertension and diabetes.

Doctor: Got it. Have you had any tests done so far?

Patient: Yes. A CT scan was done recently. It showed thickened gallbladder with a mass in it, but theres no vascular thrombosis.

Doctor: Alright. Let me also check your labs. On 7th January 2025:

Hemoglobin: 13

Platelets: 522

WBC: 8.15

ALP: 256

ALT: 36

Total Bilirubin: 16.5

Direct Bilirubin: 14.1

Indirect Bilirubin: 2.4

Albumin: 3.6

Creatinine: 0.6

INR: 1.3

CA 19-9: 425

CA 125: 12.6

Hepatitis B and C: Negative

Doctor: Have you experienced any significant weight loss, vomiting of blood, black stools, or required any blood transfusions?

Patient: No, none of that. Just weakness and the symptoms I mentioned earlier.

Doctor: Noted. We'll need to do further assessment. The MRCP done on 16th December 2024 shows nodular thickening of the gallbladder wall, involving the fundus, body, and cystic duct, with dilation of intrahepatic biliary ducts. There's also a raised right hemidiaphragm on chest X-ray.

Doctor: This is suggestive of a gallbladder mass likely causing obstructive jaundice. I'll book you for ERCP and EUS. We'll also refer you to a hepatobiliary surgeon. The CD of your scans will be submitted for review.

Date: 15 January 2025 HPB and LTX Evaluation

Doctor: Let's discuss in detail. You mentioned that you were doing fine until three months ago?

Patient: Yes, that's correct. I started feeling the abdominal pain and then noticed jaundice. Imaging revealed a gallbladder mass and I was referred here.

Doctor: Alright. Do you have any history of hepatitis?

Patient: No. I tested negative for both HBV and HCV.

Doctor: Have you had any episodes of hematemesis, ascites, or confusion?

Patient: No, none of those. Just jaundice.

Doctor: Any significant weight loss, fevers, or night sweats?

Patient: No to all of those.

Doctor: Have you had any previous surgeries?

Patient: Yes, I had LCSC about 25 years ago.

Doctor: Any allergies?

Patient: No.

Doctor: What medications are you currently taking?

Patient: Im taking:

Domperidone 10 mg, three times a day

Omeprazole 40 mg, once a day

Glucerna powder, 20 g, three times a day

Sinemet tablet, once daily

Doctor: Any addictions?

Patient: No, none at all.

Doctor: Whats your family history like?

Patient: Unremarkable no known cancers, TB, diabetes, or asthma.

Doctor: Do you face any financial issues?

Patient: Yes, we are under financial strain.

Doctor: Are you educated?

Patient: No, Im uneducated. Im a housewife and married.

Doctor: Alright. On examination today:

CNS: Youre conscious and oriented, GCS 15/15

CVS: Normal heart sounds

Respiratory: Clear vesicular breathing

Abdomen: Soft, non-tender, not distended

Doctor: Lets go over your scans again:

USG on 9 December 2024: Thick-walled, collapsed gallbladder with a 23 mm lesion

CT Scan on 7 January 2025: Enlarged liver, circumferential enhancing wall thickness in the gallbladder fundus, distended GB body, no stones, mild thickening of biliary ducts, CBD 3.3 mm, no lymph nodes, pancreas normal

MRCP on 16 December 2024: Nodular GB wall thickening, intrahepatic biliary dilation suggestive of malignancy

Doctor: Lab summary from 7 Jan 2025:

Hb: 13.1

WBC: 8.15

Platelets: 522

Bilirubin (Total/Direct): 16.5 / 14.1

ALT: 36

ALP: 256

Albumin: 3.6

Creatinine: 0.6

Sodium: 131

Potassium: 4.1

INR: 1.3

CA 125: 12.8

Doctor: The assessment suggests likely carcinoma of the gallbladder. Well:

Review your CT if uploaded properly

Get tumor markers

Do a CT chest if not already done

Review again in clinic once results are in

Date: 16 January 2025 Follow-Up

Doctor: Were still waiting on the CT report from PKLI and the CA 19-9 level.

Doctor: Previously, your CT showed:

Liver enlargement

Thickened gallbladder wall in the fundus

Collapsed lumen, no stones

Mild thickening of bile ducts

No lymphadenopathy

Normal pancreas

Doctor: MRCP also shows concern for gallbladder malignancy.

Doctor: Lab results from 7 Jan 2025 still hold:

CA 125: 12.8

CA 19-9: Awaiting

Doctor: You were seen in OPD by our team. CT was uploaded but arterial phase is missing, so were getting a fresh CT triphasic today. Follow-up in the afternoon after the scan.

Date: 17 January 2025 Post Triphasic CT

Doctor: We reviewed the triphasic CT liver with HCC protocol done today. It shows:

Thickening of the right-sided ducts up to the CBD

Smooth enhancing thickened gallbladder wall



Enhancement and thickening of CHD and CBD

Mild intrahepatic biliary dilatation

No obvious metastatic disease

Doctor: This is likely a malignant lesion involving the right ductal system.

Doctor: The surgical plan includes:

Standard right hepatectomy with caudate lobe excision

Roux-en-Y hepaticojejunostomy

Frozen section and assessment of distal CBD

Doctor: But your bilirubin is currently too high for surgery.

Doctor: We'll refer you to hepatology for ERCP and stenting of the left hepatic duct to drain the left biliary system. This should help improve cholestasis.

Doctor: I'll ask our coordinator, Zubair, to schedule surgery after the ERCP and stenting.

Doctor: Just to inform you, the mortality risk is around 5%, and morbidity is about 15-20%. There's a 30-40% chance of recurrence. We've explained all this in detail.

Date: 20 January 2025 Hepatology Clinic

Doctor: Youve been referred from HPB for ERCP. Based on your current presentation:

You have obstructive jaundice due to a malignant lesion in the right ductal system.

Your CA 19-9 is now more than 1000.

Doctor: CT Triphasic findings from 17 Jan confirm:

Thickened right-sided ducts up to CBD

Intrahepatic biliary dilatation

Thickened enhancing gallbladder wall

No signs of metastasis

Doctor: MRCP on 16 Dec also points to gallbladder malignancy.

Doctor: Lab results on 15 Jan:

Hb: 13.1

WBC: 8.15

Platelets: 522

Total Bilirubin: 16.5

Direct Bilirubin: 14.1

ALT: 36

ALP: 256

Albumin: 3.6

Creatinine: 0.6

Sodium: 131

Potassium: 4.1

INR: 1.3

CA 125: 12.8

CA 19-9: >1000

Doctor: The next step is to proceed with ERCP and stenting of the left hepatic duct to improve drainage and prepare you for surgery.