

Gender: Male

Age: 66

MRN: 764547

Diagnosis: Cholangiocarcinoma

History and Physical:

Patient:

Hello, Doctor. I'm here today with my son, Mr. Aamir, who is doing his PhD in Biochemistry. I live in Mirpur, AJK.

Doctor:

Welcome! I see you're experiencing some concerns. Can you tell me more about what brings you in today?

Patient:

Yes, Ive been dealing with a few issues recently. Ive had significant weight loss, about 12-15 kilograms, but I havent been able to track it properly. I also havent been able to sleep much, and my appetite is nearly gone. On top of that, Ive been experiencing central chest pain.

Doctor:

I see. Have you noticed any other symptoms, like fevers or night sweats?

Patient:

No, I havent had any fevers or night sweats. Also, there have been no signs of physical or cognitive limitations.

Doctor:

Thats good to hear. Lets move on to your medical history. I see that you have uncontrolled diabetes

and have been diagnosed with APD. Is that right?

Patient:

Yes, that's correct. I've been managing diabetes, but it's not well controlled. Also, I had an open appendectomy back in 1980, and I have no known allergies.

Doctor:

Thank you for that information. Do you have any social or lifestyle habits I should be aware of?

Patient:

I live with my family in Mirpur, AJK. I have a BA degree and used to work as a shopkeeper, but I'm not working anymore. I used to smoke but quit seven years ago. I don't drink alcohol.

Doctor:

Got it. I'd like to review your recent medical tests. You had some investigations done recently, correct?

Patient:

Yes, I did. I had an OGD on 10th February 2024 at SIH Islamabad, where the report showed two lymph nodes at the porta hepatis, the largest one measuring 1.3 x 1.4 cm. They didn't find any mass at the porta hepatis, but they took a biopsy.

Doctor:

And what did the biopsy show?

Patient:

The biopsy showed no evidence of malignancy. It contained fragmented lymphoid tissue made up of

mature lymphocytes.

Doctor:

I see. You also had a CT scan on 7th February 2024. What did the imaging report indicate?

Patient:

The CT scan showed mild hepatomegaly, a subtle soft tissue fullness at the confluence of the right and left hepatic ducts, mild to moderate intrahepatic bile duct dilation, and a thrombosed left portal vein. It also mentioned some prominent upper abdominal nodes. The features suggested cholangiocarcinoma, along with diffuse meso-omenteric congestion.

Doctor:

Thank you for sharing that. Now, let's look at your recent lab results:

HB: 12.9

TLC: 8.5

PLT: 187

T-BIL: 1.63 (on 7th Feb) and 2.3 (on 14th March)

D-BIL: 1.48 (on 7th Feb) and 1.6 (on 14th March)

ALT/AST: 72/81 (on 7th Feb) and 41/60 (on 14th March)

ALP: 442 (on 7th Feb) and 482 (on 14th March)

Albumin: Not available

Creatinine: 0.62

Na+: 139

K+: 3.9

INR: 0.98

AFP: Not available

CA 19-9: 406

CEA: 0.6

TSH: 2.20

IgG4 Studies: Normal

ECOG: 0

Hep B and C: Negative

Doctor:

Your liver function tests show some elevated bilirubin levels, especially the total bilirubin, which is

concerning. Your CA 19-9 is also elevated, which can be associated with biliary diseases. However, your overall condition doesn't indicate any immediate critical issues for now. How are you feeling overall?

Patient:

I've been feeling weak, but there's no major pain or discomfort right now. The chest pain has been more occasional.

Doctor:

Thank you for updating me on your condition. Based on everything we have reviewed so far, it seems you have locally advanced cholangiocarcinoma, and the left lobe of your liver is atrophic. There's also involvement of the right posterior artery, and mild narrowing of the main portal vein.

Patient:

What does this mean for me, Doctor?

Doctor:

Since the disease is locally advanced, you are not a surgical candidate at the moment. However, we need to further investigate to ensure we have a clear understanding of the situation. I'd recommend a fresh CT scan from PKLI, and then we can discuss it in the multidisciplinary team (MDT) meeting to finalize the next steps.

Patient:

What will the next steps involve?

Doctor:

After the fresh CT scan, we'll meet with the MDT to decide on the best treatment plan. I'll also have

you meet with our coordinator, Asif, who will help facilitate any required services for you.

Follow-Up Visit - 10/07/2024

Patient:

Im here for my follow-up visit. How is my condition now?

Doctor:

After reviewing your situation, its clear that your cholangiocarcinoma is still locally advanced, and you are not a suitable candidate for surgical resection. Your liver function tests have improved, and your ECOG status is now at 1, indicating mild symptoms but not debilitating ones.

Patient:

So, what is the plan now?

Doctor:

In light of the locally advanced disease, I suggest proceeding with an ERCP using a spyglass, followed by a biopsy for further analysis. Once we have the biopsy results, we will refer you to oncology as per the MDTs decision for a definitive diagnosis and treatment plan. I will also recommend holding urso therapy for now.

Patient:

Alright, Doctor. Thank you for explaining everything so clearly.