

Gender: Female

Age: 60

MRN: 775913

Diagnosis: Cholangiocarcinoma

History and Physical:

Patient:

I've been experiencing generalized itching, abdominal pain, jaundice, anorexia, and weight loss. These symptoms have been quite troubling.

Doctor:

I see. How long have you been experiencing these symptoms?

Patient:

They've been ongoing for some time now. I also have a medical history of diabetes, which I've been dealing with for 10 years. I'm on insulin and glucophage, but my diabetes is poorly controlled.

Doctor:

I understand. Any other significant medical history?

Patient:

Yes, I had breast cancer in the past. I underwent a total mastectomy on the left side, followed by chemotherapy 6 cycles, about 5 years ago.

Doctor:

Thank you for sharing that. Let's take a look at your recent lab results.

Doctor:

Your lab results from June 16th, 2024, show:

HBsAg: Negative

Anti-HCV: Negative

On June 27th, an ultrasound of your abdomen showed a 6x5 cm mass in the left hepatic lobe.

Patient:

What does that mean for me?

Doctor:

It means we need to investigate further. There are possibilities like intrahepatic cholangiocarcinoma or metastatic malignancy. Based on these findings, we need to explore this with more imaging and lab tests.

Doctor:

Your blood work from June 25th shows the following:

Sodium (Na): 140

Potassium (K): 4.3

Hemoglobin (Hb): 10.2

TLC: 8.2

MCV: 85

Platelets (PLT): 197

Total Bilirubin (T. Bili): 6.4

ALT: 236

AST: 244

ALP: 963

Creatinine (Cret): 0.4

These are important markers, particularly the liver enzymes which are elevated.

Patient:

What does all this mean?

Doctor:

It suggests liver involvement. The elevated liver enzymes could be a sign of liver dysfunction. We will follow up with imaging and additional tests to narrow down the diagnosis.

Doctor:

Heres the plan moving forward:

We will get a CT scan with triphasic contrast using the HCC protocol.

Fresh blood work will be done, including CA 19-9, CA 125, AFP, and PIVKA-II, to aid in further diagnosis.

Continue your medical management.

We'll follow up in 2 weeks for lab review and decide on further interventions such as ERCP or a liver biopsy, if needed.

Patient:

I understand. What happens if the cancer is confirmed?

Doctor:

If confirmed, we will determine whether the malignancy is localized or if it has spread, and we will discuss treatment options accordingly.

Follow-Up: 22/7/2024

Doctor:

Lets review your progress. Youve been experiencing loose stools after meals and some itching, but otherwise, there are no active issues. How have you been feeling overall?

Patient:

The itching has improved, but Im still experiencing loose stools.

Doctor:

We will manage that. Regarding your condition, your CT scan from July 12th shows a lesion in the left hepatic lobe thats likely intrahepatic cholangiocarcinoma, but given the elevated PIVKA-II levels,

we might be dealing with a mixed hepatocholangiocarcinoma. There are also metastatic lymph nodes above and below the diaphragm, plus a couple of small peritoneal nodules.

Patient:

What are the next steps?

Doctor:

We'll perform an ERCP with stenting and brushing to get a better look and collect tissue for analysis.

We'll then review your case with the oncology team for further management.

Patient:

Is this something that can be treated?

Doctor:

It depends on how we proceed with treatment after the ERCP. The oncologists will guide us on whether chemotherapy is needed and what options are available.

Follow-Up: 4/9/2024

Doctor:

How are you feeling now?

Patient:

I feel better overall, but the itching is still there. I had the ERCP done on August 22nd, and it seems to have helped.

Doctor:

Yes, the ERCP you underwent showed a large ulcer at the D1/D2 junction. The procedure included

biliary sphincterotomy and stent placement, which has helped with the biliary drainage. Your lab results from September 2nd show:

Total Bilirubin (T. Bili): 2.5

Direct Bilirubin (D. Bili): 2.5

ALT: 53

AST: 62

ALP: 224

Creatinine: 0.5

Sodium (Na): 134

Potassium (K): 5.1

Patient:

What do these results mean?

Doctor:

Your bilirubin levels are still elevated, but they've improved since the procedure. The liver function tests are also showing signs of improvement. This is a positive sign.

Doctor:

The CBD brushing from August 22nd showed that the cells collected were positive for malignancy. The pancreaticobiliary cytology report suggests the possibility of metastatic cancer from your previous breast cancer, given the positive markers for GATA 3 and estrogen receptors.

Patient:

What happens next?

Doctor:

We will refer you to INMOL Hospital for an oncology consultation. They will guide us on whether chemotherapy is needed based on the findings from your CT scan and brushings. Weve also discussed these results with you and your family.

Plan:

Referral to primary oncologist at INMOL Hospital for further treatment.

Chemotherapy options will be explored with the oncology team.

Doctor:

We'll keep monitoring your progress closely and adjust the treatment as needed.