

Doctor: Hello, I understand you're here today with some concerns regarding your health. Can you tell me what brought you in?

Patient: I have been experiencing pain in my right hypochondrium for the past two weeks. Along with that, I have intermittent fever, severe pruritus, and vomiting that has been ongoing since 2008.

Doctor: I see. You mentioned the pain in the right hypochondrium is recent, but there's a history of pruritus and vomiting. How long has this been an issue for you?

Patient: Yes, the pruritus and vomiting have been persistent since 2008. I've had work-ups done before which suggested a possible liver carcinoma, but the liver biopsy I had back then was negative for any malignancy.

Doctor: Thank you for sharing that. Based on the symptoms you mentioned and your history, I've reviewed the recent CT scan of your abdomen. It shows multiple patchy arterialized tumors in your right liver lobe, which involves segments 5, 6, 7, 8, 4a, and 4b, and extends into the caudate lobe. There is also some concern about invasion of the right portal vein branch. However, the left portal vein and main portal vein are patent, and there is no sign of ascites. Does that sound familiar?

Patient: Yes, that sounds similar to what I was told. What are the next steps from here?

Doctor: Given the extent of the disease, we need to consider surgery. A right extended hepatectomy, or liver resection, could be a potential treatment option, but I must inform you that it's a high-risk surgery, with a 5-10% chance of complications leading to mortality. Alternatively, if you choose not to undergo surgery, a liver biopsy may be performed to gather further information. Does that sound like something you'd like to pursue?

Patient: I understand. What additional tests should I get done to help with the decision-making process?

Doctor: I would advise you to undergo a few additional tests to get a clearer picture. These include:

HRCT of the chest

CA 19-9

CA-125

CEA (Carcinoembryonic Antigen)

AFP (Alpha-Fetoprotein)

Once these investigations are completed, we will schedule a follow-up appointment to discuss the next steps. Does that make sense?

Patient: Yes, that makes sense. Ill get the tests done as advised.

Doctor: Excellent. Ill also need to review your previous lab results to monitor your condition further. Heres what we have from your latest labs on 17.03.21:

Hemoglobin (HB): 11.0

Total Leukocyte Count (TLC): 8.4

Platelets (PLT): 509

Total Bilirubin (T-BIL): 0.8

Direct Bilirubin (D-BIL): 0.5

ALT/AST: 108/78

ALP: 411

Albumin: 4.0

Creatinine: 0.7

Sodium (Na⁺): Not provided

Potassium (K⁺): Not provided

INR: Not provided

ESR: 95

Doctor: Based on these values, there are a few concerns. For instance, your liver enzymes (ALT and AST) are elevated, which might indicate ongoing liver dysfunction. Also, your platelets are quite high, which may be related to the underlying liver issue. We'll keep an eye on all of this during your treatment.

Patient: Thank you, doctor. Ill get the tests done and follow up with you as soon as I have the results.