

Gender: Male

Age: 67

MRN: 788449

Diagnosis: Hepatocellular Carcinoma

History and Physical:

Date: 31/07/2024

Patient: I've been feeling pain in my right upper abdominal area for about a week now. There's been some on-and-off constipation, and I had a fever about 6-8 days ago. The fever reached up to 101-102°F but has been gone for the past 2-3 days. Also, I've noticed some weight loss, but I haven't really been able to track it accurately.

Doctor: I see. Let's go over your medical history. Do you have any chronic conditions?

Patient: Yes, I have diabetes and hypertension, but no history of hepatitis. I haven't had any surgeries before either.

Doctor: Got it. Ill take a look at your recent lab results. Here's what we have:

PIVKA: 20

AFP: 46.7

PSA: 0.8 (normal)

Bilirubin: 1.3

Creatinine: 0.9

Hemoglobin (Hgb): 13.3

MCV: 83

WBC: 11.3

Platelets (Plt): 247

HbA1C: 6.8%

Patient: Okay, what do these results indicate?

Doctor: Your AFP is elevated, which is concerning. It's associated with liver issues, like hepatocellular carcinoma (HCC). But we need more information. Your ultrasound shows a solid mass measuring 6.2 cm by 6.2 cm, along with an enlarged prostate.

Patient: What does this mean for me?

Doctor: We need to confirm whether this mass is an abscess or potentially cancer. Your CT scan shows a 7 x 6 cm lesion in the liver, and based on its features, we are concerned about evolving hepatic abscess versus metastatic deposits. We'll discuss this at the MDT (multidisciplinary team) meeting on Friday.

Patient: What's the plan moving forward?

Doctor: For now, we'll submit your CD for review, and we'll meet again on Friday after the MDT discussion to decide the next steps. We'll consider further tests and potential treatments.

Date: 07/08/2024

Patient: I haven't had any active complaints since my last visit. No fever, and the pain has also been manageable.

Doctor: That's good to hear. Let's review your previous scans and tests. The CT scan now shows that the lesion in your liver is likely an atypical HCC, with possible tumor thrombus in the portal vein. The abscess is less likely. We should consider either TACE or systemic treatments. I'll refer you to IR for further evaluation.

Patient: So, it's still concerning?

Doctor: Yes, but we'll proceed carefully. We'll have another MDT discussion on Friday to determine if surgical resection might be an option, along with chemotherapy or locoregional therapy. We'll also check your CA 19-9 levels for further clarity.

Date: 20/08/2024

Patient: What do the latest results show?

Doctor: We've got the results from your fibroscan and viral screening. Your HBsAg, Anti-HCV, and Anti-HIV tests all came back non-reactive, which is good. Your CA 19-9 is normal as well. The fibroscan indicates that you have an F0 stage of hepatic fibrosis, meaning there's no significant fibrosis at this time. However, your tumor still requires further management.

Patient: Whats the next step in treatment?

Doctor: Well continue with the plan to refer you for a non-anatomical resection or posterior sectionectomy. The surgery date will be confirmed soon. Afterward, we'll begin discussing chemotherapy or immunotherapy options based on the latest research.

Date: 21/08/2024

Patient: What did the latest review indicate?

Doctor: Following the re-MDT discussion, we've decided to proceed with immunotherapy, given its higher effectiveness, though it can be costly. Well review all available options closely and make sure youre informed before moving forward.

Patient: Thank you. Whats next?

Doctor: Ill send you to meet with the oncology team to begin immunotherapy in the next two weeks. Well also have you follow up in the HPB clinic to monitor your progress.

Date: 19/09/2024

Patient: Im feeling some weakness and drowsiness post-surgery. I also noticed some bleeding from the wound site. Should I be concerned?

Doctor: Its important that we monitor this closely. The wound is healing well, but the bleeding and other symptoms like weakness will need to be evaluated. Well review your lab results:

Hb: 10.7

WBC: 9.05

Platelets: 431

Total Bilirubin: 0.56

Direct Bilirubin: 0.27

ALT/AST: 93/34

Albumin: 3.67

Creatinine: 0.84

AFP: 46.7 (same as previous)

Doctor: It seems like your liver function is improving, but we'll need to continue monitoring your condition closely, especially after the wedge resection. The histopathology report indicates a grade 3 tumor with vascular invasion. The oncology team will help determine the best course of treatment from here.

Date: 16/10/2024

Patient: How's my recovery going?

Doctor: Your recovery seems to be progressing well. You're at day 36 post-surgery. The tumor was poorly differentiated, and there was vascular invasion present. However, there was no malignancy found in the lymph nodes. You still need follow-up care, and chemotherapy or immunotherapy is recommended for further treatment.

Patient: What should I do next?

Doctor: I'll have you continue follow-up visits, and we'll proceed with the treatment plan based on your histopathology report. You'll also need to follow up with oncology to discuss the next steps for treatment.