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Manuscript NO: 59153

Manuscript Type: CASE REPORT

Intussusception due to hematogenous metastasis of hepatocellular carcinoma to the small intestine: A case report and review of literature

Mashiko T *et al.* Hematogenous GI tract metastasis of HCC

Abstract

BACKGROUND

The commonest sites of extrahepatic metastases from hepatocellular carcinoma (HCC) are the lungs, bones, adrenal glands, and regional lymph nodes. Hematogenous metastasis to the gastrointestinal (GI) tract is a rare condition in patients with HCC, and the prognosis is usually poor. We report, herein, an extremely rare case of a patient with intussusception due to hematogenous metastasis of HCC to the ileum and his long-term survival with multidisciplinary therapy.

CASE SUMMARY

The patient ⁹ was a 71-year-old man with a history of chronic hepatitis B, who had undergone three surgeries for HCC. He was treated with sorafenib for peritoneal metastases of HCC. He ³ was admitted to our hospital with chief complaints of abdominal pain and vomiting. Abdominal contrast-enhanced computed tomography (CT) imaging revealed a small intestinal tumor, presenting with intussusception and

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small bowel are **due** to benign lesions, and **metastatic** melanoma is the most frequent malignancy causing **small** bowel intussusception[7]. Intussusception caused by the **metastatic** HCC to the



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Mar 01, 2006 · But **metastasis** to the gastrointestinal (GI) tract is rare. and most common site is stomach.

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Mar 28, 2006 - The distant **hematogenous metastasis of HCC to the small intestine** is extremely rare. The majority of adult **intussusceptions** arising in the **small bowel** are **due** to benign lesions, and **metastatic melanoma** is the most frequent **malignancy causing small bowel intussusception**. **Intussusception caused by the metastatic HCC to the small bowel** has not been reported until now.

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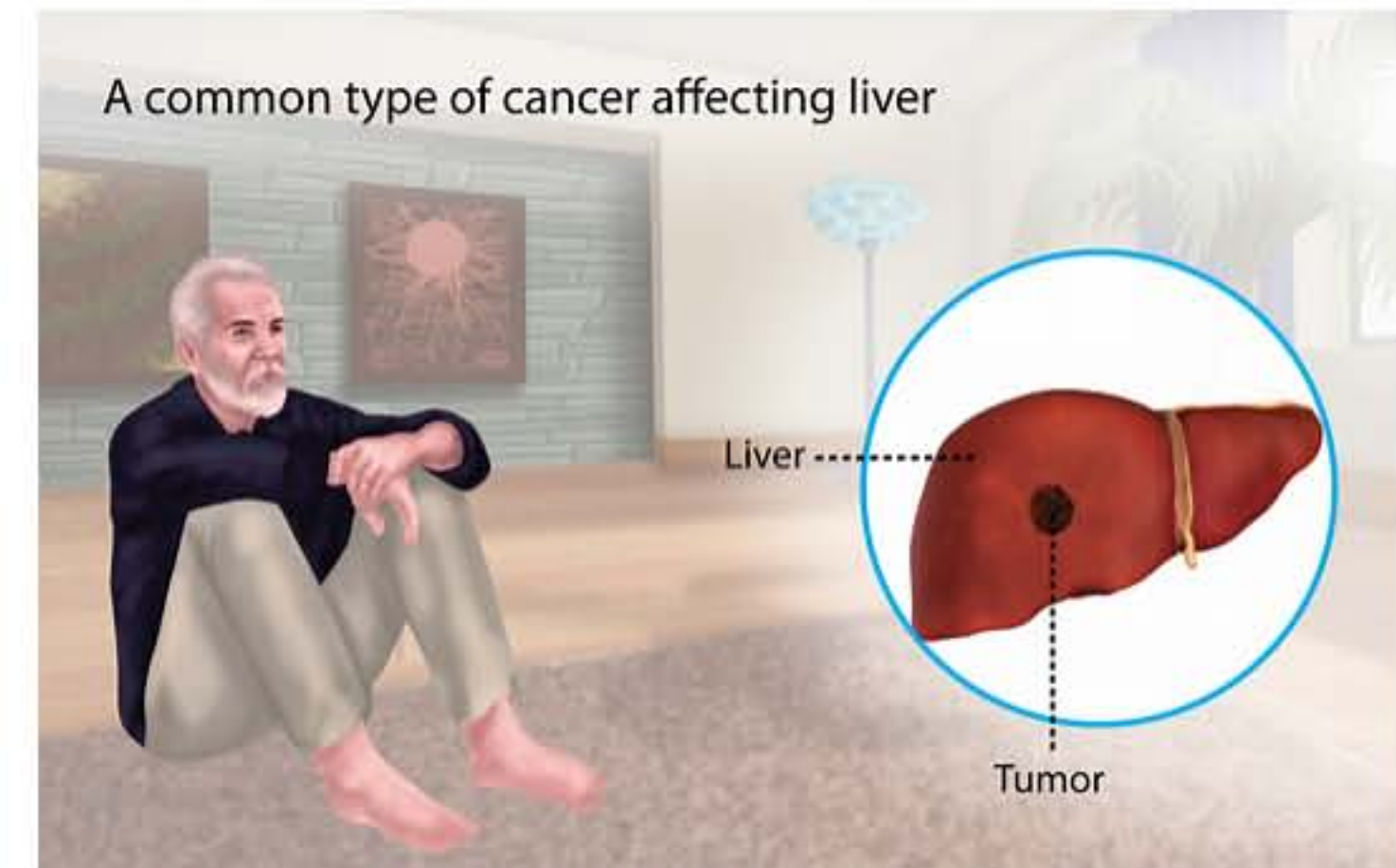
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of **metastasis to small intestine** was **hematogenous** spread. However despite of **bulky mass** with multiple **bone metas-tases**, main portal **vein thrombosis** was not observed. The most commonly involved site of the GI tract in HCC was reported to be the stomach[9]. The **small intes-tine** can often be involved in tumors such as melanoma,

Hepatocellular Carcinoma

Medical Condition



A common type of cancer affecting liver

The most common form of liver cancer often seen in people with chronic liver diseases like cirrhosis.

📊 Rare (Fewer than 200,000 cases per year in US)

📌 May be preventable by vaccine

🧪 Often requires lab test or imaging

👨‍⚕️ Treatment from medical professional advised

🕒 Can last several months or years

Caused mainly due to the chronic infection of the liver or DNA mutation of