



**Name of Journal:** *World Journal of Clinical Cases*

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**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

**Increased Morbidity and Mortality of Hepatocellular Carcinoma Patients in Lower Cost of Living Areas**

Tomoki Sempokuya, Kishan P Patel, Muaataz Azawi, Jihyun Ma, Linda L Wong

**Abstract**

BACKGROUND

The incidence and mortality rates of hepatocellular carcinoma (HCC) are increasing in

Match Overview

- 1 **Crossref** 23 words  
Jeanette C. Yu. "Racial and insurance disparities in the rece...  
t of transplant among patients with hepatocellular carcinoma", 1%
- 2 **Crossref** 22 words  
"Posters (Abstracts 289–2348)", *Hepatology*, 2019 1%
- 3 **Crossref** 20 words  
"Abstract Index", *Journal of Gastroenterology and Hepatolog*  
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### Global Epidemiology, Prevention, and Management of ...

[https://ascopubs.org/doi/full/10.1200/EDBK\\_200939](https://ascopubs.org/doi/full/10.1200/EDBK_200939)

May 23, 2018 - The incidence rate of **hepatocellular carcinoma** (HCC) is rising. It is one of the most common cancers worldwide and accounts for substantial **morbidity** and **mortality**. Chronic hepatitis B +

Cited by: 74

Author: Lung Yi Mak, Vania Cruz-Ramón, Paulina...

Publish Year: 2018

### Mortality assessment of patients with hepatocellular ...

<https://journals.lww.com/md-journal/Fulltext/2017/...>

In the last few decades, **hepatocellular carcinoma-related mortality has increased faster than mortality related to any other cancer types**. Liver transplantation and surgical resection are the 2...

PEOPLE ALSO ASK

What is the death rate for hepatocellular carcinoma? ▾

What is hepatocellular carcinoma? ▾

What is HCC cancer? ▾

What are the long term complications of liver cancer? ▾

Feedback

## Hepatocellular Carcinoma

Medical Condition

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 the liver cells. Characterized by unexplained weight loss, upper abdominal pain and yellowing of the skin. Treatment options include hepatectomy, target drug delivery and the use of radiation to kill the cancerous cells.

### Symptoms

The early stages of the disease do not present any symptoms but in the later stages the symptoms which are noted are as follows:

- Upper abdominal pain
- Weight loss
- Jaundice

Increased morbidity and mortality of hepatocellular carcinoma patie



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## [Global Epidemiology, Prevention, and Management of ...](#)

[https://ascopubs.org/doi/full/10.1200/EDBK\\_200939](https://ascopubs.org/doi/full/10.1200/EDBK_200939)

May 23, 2018 · The incidence rate of **hepatocellular carcinoma** (HCC) is rising. It is one of the most common cancers worldwide and accounts for substantial **morbidity** and **mortality**. Chronic hepatitis B...

**Cited by:** 92

**Author:** Lung Yi Mak, Vania Cruz-Ramón, Paulina...

**Publish Year:** 2018

## [Hepatocellular Carcinoma --- United States, 2001--2006](#)

<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm5917a3.htm>

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### A Meta-Analysis on the Rate of Hepatocellular Carcinoma ...

<https://pubmed.ncbi.nlm.nih.gov/33440759>

**Hepatocellular carcinoma** (HCC) recurrence after liver transplant is associated with a poor prognosis and significantly increases **morbidity and mortality** among liver transplant **patients**. Therefore, this meta-...

**Author:** Darren J H Tan, Chloe Wong, Cheng Ha... **Publish Year:** 2021

### Global Epidemiology, Prevention, and Management of ...

[https://ascopubs.org/doi/full/10.1200/EDBK\\_200939](https://ascopubs.org/doi/full/10.1200/EDBK_200939)

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**Publish Year:** 2018

#### PEOPLE ALSO ASK

How many people are diagnosed with hepatocellular carcinoma? ▾

What is the current burden of chronic liver disease ( CLD )? ▾

What are the complications of chronic liver disease? ▾

How many people die from liver cancer each year? ▾

Feedback

### Donor safety in live-related liver transplantation

<https://pubmed.ncbi.nlm.nih.gov/23372315>

This is most applicable in **patients** with Cirrhosis and **Hepatocellular carcinoma**. LDLT, from the donor's perspective does carry a risk of not only **morbidity** but **mortality**. To date the surgical **mortality** risk is...

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- 🏠 Rare (Fewer than 200,000 cases per year in US)
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- 🧪 Often requires lab test or imaging
- 👨‍⚕️ Treatable by a medical professional
- 🕒 Can last several months or years

It is caused mainly due to the chronic infection of the liver or DNA mutation of the liver cells. It is characterized by unexplained weight loss, upper abdominal pain and yellowing of the skin. Treatment options include hepatectomy, target drug delivery and the use of radiation to kill the cancerous cells.

### Symptoms

The early stages of the disease do not present any symptoms but in the later stages the symptoms which are noted are as follows:

- Upper abdominal pain
- Weight loss
- Jaundice
- Fluid in the abdomen
- Liver failure

### Treatments

Treatment options include hepatectomy, target drug delivery and the use of radiation to kill the cancerous cells.

#### Medication

- Chemotherapy: Therapy where the drugs are used to kill the cancer cells.  
5-Fluorouracil · Capecitabine · Irinotecan · Oxaliplatin