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**Manuscript NO:** 48752

**Manuscript Type:** REVIEW

**Locoregional treatments for hepatocellular carcinoma: Current evidence and future directions**

Inchingolo R *et al.* Percutaneous approach to HCC

Riccardo Inchingolo, Alessandro Posa, Martin Mariappan, Stavros Spiliopoulos

### Abstract

Liver cancers are the second most frequent cause of global cancer-related mortality of which 90% are attributable to hepatocellular carcinoma (HCC). Despite the advent of screening programmes for patients with known risk factors, a substantial number of patients are ineligible for curative surgery at presentation with limited outcomes achievable with systemic chemotherapy/external radiotherapy. This has led to the advent

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Advances and Future Directions in the Treatment of Hepatocellular Carcinoma Ashil J. Gosalia, MD, Paul Martin, MD, and Patricia D. Jones, MD, MSCR Keywords Hepatocellular carcinoma, **treatment**, interventional oncology, immunotherapy Dr Gosalia is a gastroenterology fellow in the Department of Medicine at the University of Miami Miller School

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Author: Alisa Likhitsup, Nataliya Razumilava, ... Publish Year: 2019

### Loco-regional treatment of HCC: current status.

<https://www.ncbi.nlm.nih.gov/pubmed/28258743>

**Loco-regional treatment** of HCC: **current status**. ... Hepatocellular carcinoma (HCC) represents one of the few cancers for which **locoregional treatments** are recognised as being able to cure and/or prolong survival and are included in international guidelines. This is due to the unique nature of HCC, in most cases occurring in patients with ...

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**Cited by:** 189 **Author:** Ali Raza, Gagan K Sood

**Publish Year:** 2014

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**Advances and Future Directions in the Treatment of Hepatocellular Carcinoma** Ashil J. Gosalia, MD, Paul Martin, MD, and Patricia D. Jones, MD, MSCR Dr Gosalia is a gastroenterology fellow in the Department of Medicine at the University of Miami Miller School of Medicine in Miami, Florida.

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**Author:** Alisa Likhitsup, Nataliya Razumilava, ... **Publish Year:** 2019

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**Cited by:** 36 **Author:** Jean-François Dufour, I. Bargellini, N. De...

**Publish Year:** 2013 **Author:** Dufour, J.-F.

## Hepatocellular carcinoma

Medical Condition

Image for 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
- Fluid in the abdomen