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

**Manuscript NO:** 55463

**Manuscript Type:** CASE REPORT

**Lenvatinib for large hepatocellular carcinomas with portal trunk invasion:**

**Two case reports**

Satoshi Komiyama, Kazushi Numata, Satoshi Moriya, Hiroyuki Fukuda,

Makoto Chuma, Shin Maeda

## Abstract

### BACKGROUND

In a phase III trial of lenvatinib as first-line treatment for advanced unresectable hepatocellular carcinoma (uHCC), the drug proved non-inferior to sorafenib in

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Jul 26, 2019 · Aim **Lenvatinib (LEN)** is a newly approved, multikinase inhibitor for **treating unresectable hepatocellular carcinoma**. In the present study, we investigated the impact of **three different criteria** ...

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### Hepatocellular Carcinoma with Macrovascular Invasion ...

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Oct 19, 2017 · **Hepatic resection** as a safe and effective treatment for hepatocellular carcinoma involving a single large tumor, **multiple tumors**, or **macrovascular invasion**. **Medicine (Baltimore)** 2015; 94:e396. [ PMC free article ] [ PubMed ] [ Google Scholar ]

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### Preoperative Stereotactic Body Radiotherapy to Portal Vein ...

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Successful **preoperative treatment** for hepatocellular carcinoma with **tumor thrombus** in the **major portal branch** by **three-dimensional conformal radiation therapy**—two case reports.

### Lenvatinib May Drastically Change the Treatment Landscape ...

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Importance Sorafenib is the **first-line treatment** for hepatocellular carcinoma with portal vein invasion; however, it has shown unsatisfactory survival benefit

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## Hepatocellular Carcinoma with Macrovascular Invasion ...

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Introduction. Tumoral macrovascular **invasion** (MVI) of hepatic and/or **portal** vein branches is common during the natural history of **hepatocellular carcinoma** (HCC) and significantly reduces median survival when compared to patients without MVI [1, 2]. Current international guidelines recommend sorafenib as the only treatment option in **case** of MVI [3, 4, 5].

**Cited by:** 12**Author:** Charlotte E. Costentin, Cristina R. Ferron...**Publish Year:** 2017

## Three criteria for radiological response on survival in ...

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Jul 26, 2019 · Introduction. **Lenvatinib** (LEN) is a multikinase inhibitor of vascular endothelial growth factor receptors 1–3, fibroblast growth factor 1–4, platelet-derived growth factor receptor- $\alpha$ , RET, and KIT. 1-3 Results from the REFLECT study of LEN versus sorafenib (SOR), carried out with patients with unresectable **hepatocellular carcinoma** (HCC), showed that LEN met its primary end-point by ...





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Dec 21, 2018 · 1. INTRODUCTION. For treatment of unresectable **hepatocellular carcinoma** (u-HCC), tyrosine kinase inhibitors (TKIs), such as sorafenib (SOR) 1, 2 and regorafenib (REG), 3, 4 have been introduced. SOR was developed as a first-line agent for u-HCC, while REG is used as second-line therapy in patients who show good tolerability and progressive disease (PD) with SOR.

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## Lenvatinib versus sorafenib in first-line ... - The Lancet

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)30207-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)30207-1/fulltext)

Based on individual model-derived predicted **lenvatinib** area under the curve (AUC) values at steady state for patients with **hepatocellular carcinoma** in our study, the median values and ranges of AUC between the group with a starting dose of 8 mg for bodyweight less than 60 kg (median 1820·2 ng·h/mL, range 704·8–4980·7) and the group with a ...

**Cited by:** 639**Author:** Masatoshi Kudo, Richard S. Finn, Shukui...**Publish Year:** 2018

## (PDF) Long-term antitumor effect of lenvatinib on ...

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