

HEPATOCELLULAR CARCINOMA TREATMENT REGIMENS

Clinical Trials: The National Comprehensive Cancer Network recommends cancer patient participation in clinical trials as the gold standard for treatment.

Cancer therapy selection, dosing, administration, and the management of related adverse events can be a complex process that should be handled by an experienced health care team. Clinicians must choose and verify treatment options based on the individual patient; drug dose modifications and supportive care interventions should be administered accordingly. The cancer treatment regimens below may include both U.S. Food and Drug Administration-approved and unapproved indications/regimens. These regimens are provided only to supplement the latest treatment strategies.

These Guidelines are a work in progress that may be refined as often as new significant data become available. The NCCN Guidelines® are a consensus statement of its authors regarding their views of currently accepted approaches to treatment. Any clinician seeking to apply or consult any NCCN Guidelines® is expected to use independent medical judgment in the context of individual clinical circumstances to determine any patient's care or treatment. The NCCN makes no warranties of any kind whatsoever regarding their content, use, or application and disclaims any responsibility for their application or use in any way.

Unresectable Hepatocellular Carcinoma (not candidates for transplant)¹

Note: All recommendations are category 2A unless otherwise indicated.

REGIMEN	DOSING
Sorafenib ^{2,3}	Sorafenib 400mg orally twice daily without food for Child-Pugh Class A (category 1) or Child-Pugh Class B.
Chemotherapy ^a	Preferred in the context of a clinical trial.

Metastatic Hepatocellular Carcinoma¹

Sorafenib ²	Sorafenib 400mg orally twice daily without food.
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If Progression on or after sorafenib¹

Regorafenib (Category 1) ⁵	Days 1-21: Regorafenib 160mg orally once daily for Child-Pugh Class A only. Repeat cycle every 28 days.
Nivolumab ⁶	Day 1: Nivolumab 3mg/kg IV for Child-Pugh Class A or B7 only. Repeat cycle every 14 days.

General treatment notes:

- Sorafenib is the standard of care for unresectable and metastatic hepatocellular carcinoma in patients with Child-Pugh score A (Category 1) recommendation or Child-Pugh score B.¹⁻²
- Treatment should continue until the patient is no longer clinically benefiting from therapy or until unacceptable toxicity occurs.
- Treatment interruption and/or dose reduction may be needed to manage suspected adverse drug reactions.
- Available safety data are limited for Child-Pugh Class B or Class C patients and dosing is uncertain.
- Use with extreme caution in patients with elevated bilirubin levels. The impact of sorafenib on patients potentially eligible for transplant is unknown.⁴

^aThere are limited data supporting the use of systemic chemotherapy and/or radiotherapy, and their use in the context of a clinical trial is preferred.

References

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