

Regimen Reference Order – GAST – lenvatinib

ARIA: GAST - [lenvatinib (less than 60 kg)]

GAST - [lenvatinib (60 kg or greater)]

Planned Course: Once daily until disease progression or unacceptable toxicity (1 cycle = 30 days)

Indication for Use: Unresectable Hepatocellular Carcinoma (HCC)

Proceed with treatment if:

- **ANC equal to or greater than $1.5 \times 10^9/L$ AND Platelets equal to or greater than $100 \times 10^9/L$**
- **Creatinine clearance equal to or greater than 30 mL/minute**
- ❖ **Contact Physician if parameters not met**

SEQUENCE OF MEDICATION ADMINISTRATION

Treatment Regimen – GAST – lenvatinib

Drug	Dose	CCMB Administration Guideline
lenvatinib	<u>Less than 60 kg</u> 8 mg	Orally once daily with or without food (Self-administered at home)
	<u>Greater than or equal to 60 kg</u> 12 mg	
lenvatinib (LENVIMA®) available dosage strength: 4 mg capsule Supplied as blister packages in 4 mg, 8 mg, and 12 mg daily-dose cartons Classification: Cytotoxic, Hazardous		

REQUIRED MONITORING

- Blood pressure:
 - At baseline
 - After 1 week
 - Every 2 weeks for the first 2 months, then monthly thereafter
- Liver enzymes:
 - At baseline
 - Every 2 weeks for the first 2 months, then monthly thereafter

Baseline and prior to each cycle

- CBC, biochemistry, electrolytes, TSH and urine protein as per Physician Orders
 - Urinalysis for protein: Where urinalysis is not possible, use dipstick. If lab urinalysis for protein is greater than or equal to 1 g/L or dipstick proteinuria shows greater than or equal to 2+, notify prescriber
- EKG
- Clinical toxicity assessment (including signs of cardiac decompensation)

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
None required		

INSTRUCTIONS FOR PATIENT

- Ensure patient has been provided with patient information sheet
- Patient should monitor blood pressure at home and record measurements on blood pressure log
 - Notify Medical Oncologist if systolic blood pressure is greater than or equal to 170 mmHg or diastolic blood pressure is greater than 95 mmHg
- Reinforce applicable safe handling precautions of medications, blood and body fluids while on lenvatinib

ADDITIONAL INFORMATION

- lenvatinib can cause serious side effects such as confusion, seizure, vision changes, weakness, bleeding, chest pain, shortness of breath, severe headache, and fainting
- lenvatinib will be dispensed at CCMB Pharmacy