

Regimen Reference Order – GAST – bevacizumab + FOLFOX-6

ARIA: GAST – [bevacizumab + FOLFOX-6]

Planned Course: Every 14 days until disease progression or unacceptable toxicity

Indication for Use: Colorectal Cancer Metastatic

CVAD: Required

Proceed with treatment if:

ANC equal to or greater than $1.5 \times 10^9/L$ AND Platelets equal to or greater than $100 \times 10^9/L$

❖ Contact Physician if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – GAST – bevacizumab + FOLFOX-6

Establish primary solution: 500 mL of normal saline (bevacizumab incompatible with D5W)

Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
bevacizumab (brand name specific)	5 mg/kg	IV in normal saline 100 mL over 10 minutes <i>*Alert: Ensure brand name on prescription label (indicated in brackets on prescription label) matches prescribed order</i>

Establish primary solution 500 mL of: D5W (oxaliplatin incompatible with normal saline)

oxaliplatin	100 mg/m ²	IV in 500 mL D5W over 2 hours oxaliplatin and leucovorin may be infused over the same 2 hour period using a Y-site connector
leucovorin	400 mg/m ²	IV in 500 mL D5W over 2 hours
fluorouracil	400 mg/m ²	IV Push over 5 minutes
fluorouracil	2400 mg/m ²	IV in D5W continuously over 46 hours by ambulatory infusion device

All doses will be automatically rounded that fall within the DSG Approved Dose Bands. See GAST DSG – Dose Banding document for more information

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

All Cycles

- CBC, biochemistry, liver functions, urine protein and blood pressure 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 1g/L or dipstick proteinuria shows 2+ or 3+, notify prescriber
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O₂ saturation) at baseline and as clinically indicated
- No observation period is required after bevacizumab. Patient can be discharged from treatment room if stable whether they had a reaction or not

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
dexamethasone	4 mg	Orally twice daily on Days 2 and 3
prochlorperazine	10 mg	Orally every 4 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- Instruct patient to continue taking anti-emetic(s) at home
- Ensure patient has received a home chemotherapy spill kit and instructions for use
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- oxaliplatin causes cold intolerance and laryngopharyngeal dysesthesia
 - no ice chips or cold drinks
- oxaliplatin may cause progressive, irreversible neuropathy
 - dose modification may be required
- bevacizumab causes increased risk of hypertension, post-operative bleeding, wound healing complications and thromboembolic events
- bevacizumab is available from more than one manufacturer and uses several different brand names. Brand name will be indicated in brackets after bevacizumab. **Ensure prescription label matches the brand name on prescribed order**