

Regimen Reference Order – GAST – bevacizumab + XELIRI

ARIA: GAST – [bevacizumab + XELIRI]

Planned Course: Every 21 days until disease progression or unacceptable toxicity

Indication for Use: Colorectal Cancer Metastatic

CVAD: At provider's discretion

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 + XELIRI

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

Drug	Dose	CCMB Administration Guideline
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
bevacizumab (brand name specific)	7.5 mg/kg	IV in normal saline 100 mL over 15 minutes <i>*Alert: Ensure brand name on prescription label (indicated in brackets on prescription label) matches prescribed order</i>
atropine	0.6 mg	IV Push over 2 to 3 minutes pre-irinotecan May be repeated once if diarrhea occurs during irinotecan infusion
irinotecan	200 mg/m ²	IV in 500 mL D5W over 90 minutes
capecitabine	800 mg/m ²	Orally twice a day on days 1 to 14 followed by 7 days off (Self-administered at home)

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

capecitabine (Xeloda®) available dosage strengths: 150 mg and 500 mg tablets
Classification: Cytotoxic, Hazardous

Flush after each medication:

- 50 mL over 6 minutes (500 mL/hr)

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 1 g/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
- 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
loperamide	2 – 4 mg	Orally as directed below
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
- If diarrhea occurs within 24 hours of irinotecan administration:
 - Return to cancer care clinic or go to the emergency department. A second dose of intravenous atropine may be required
- If cramping or diarrhea occurs more than 24 hours after irinotecan administration:
 - Take loperamide 4 mg (two 2 mg tablets) orally STAT; then
 - During the day: take 2 mg (one 2 mg tablet) orally every 2 hours
 - During the night: Take 4 mg (two 2 mg tablets) orally at bedtime and then every 4 hours until morning
 - STOP loperamide once no bowel movement has occurred (e.g. diarrhea-free) for 12 hours
 - If diarrhea has not stopped despite taking **12 tablets (24 mg) of loperamide over a 24 hour period**, please contact your clinic for further instructions. If this occurs after clinic hours, please call the Medical Oncologist on-call and/or report to the nearest emergency room/urgent care centre. Please note that 24 mg per 24 hours is higher than the usual “over the counter” dose for loperamide.
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- Nursing to provide patient with 30 tablet supply of loperamide 2 mg, labelled by Pharmacy, to take home with Cycle 1
- capecitabine can cause diarrhea, hand-foot syndrome and neuropathy
- 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**