

Regimen Reference Order – GAST – PANitumumab

ARIA: GAST – [PANitumumab]

Planned Course: Every 14 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 - PANitumumab

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
PANitumumab	6 mg/kg	IV normal saline 100 mL over 60 minutes If cycle 1 is tolerated, then subsequent infusions may be administered over 30 minutes Attach a 0.22 micron in-line filter Concentration dependent drug. Pharmacy will adjust diluent volume to ensure drug stability <i>*Nursing Alert: Pump programming should reflect actual volume in the bag</i>

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

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

- Full vital signs (temperature, heart rate, respiration, blood pressure and O₂ saturation) at baseline
- CBC, biochemistry, magnesium as per physician order

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
hydrocortisone cream	1%	Apply daily at bedtime to face, hands, feet, neck, back and chest as directed
Sunscreen	Minimum SPF 15 (PABA free, zinc oxide or titanium dioxide preferred)	Apply a broad-spectrum sunscreen before going outdoors
doxycycline	100 mg	Orally twice daily for 14 days. Repeat with each cycle

DISCHARGE INSTRUCTIONS

- N/A

ADDITIONAL INFORMATION

- Clinical toxicity assessment prior to each cycle (including dermatological, gastrointestinal, pulmonary and ophthalmic assessment).

Patients to start a pre-emptive skin treatment at the start of PANitumumab treatment

- Apply moisturizing lotion to face, hands, feet, neck, back and chest daily in the morning on rising
- Apply a broad-spectrum sunscreen before going outdoors (minimum SPF 15, PABA free, zinc oxide or titanium dioxide preferred)
- Apply hydrocortisone 1% cream to face, hands, feet, neck, back and chest at bedtime

