

Regimen Reference Order – GAST – FLOT

ARIA: GAST – [FLOT]

Planned Course: Every 14 days for 4 cycles followed by resection, then every 14 days for 4 cycles

Indication for Use: Gastroesophageal Junction/Gastric Cancer Adjuvant

CVAD: Required (Ambulatory Pump)

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
dexamethasone	8 mg	Orally twice a day the day before treatment and one dose the morning of DOCEtaxel treatment (Self-administered at home) <i>*Nursing Alert: Notify physician if patient has not taken dexamethasone. dexamethasone is prescribed to prevent infusion reactions</i>

Treatment Regimen – GAST – FLOT

Establish primary solution 500 mL of: D5W		
Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
DOCEtaxel	50 mg/m^2	IV in normal saline 250 mL over 1 hour, following the administration rates below: <ul style="list-style-type: none"> Administer at 100 mL/hour for 15 minutes, then Administer remaining volume over 45 minutes <i>Use non-DEHP bags and non-DEHP administration sets</i>
normal saline	100 mL	ONLY for patients with a PORT IV over 12 minutes <i>*Nursing Alert: This volume is to be administered after standard flush</i>
oxaliplatin	85 mg/m^2	IV in D5W 500 mL over 2 hours <i>*Nursing Alert: oxaliplatin and leucovorin may be infused over the same 2-hour period using a Y-site connector</i>
leucovorin	200 mg/m^2	IV in D5W 250 mL over 2 hours
fluorouracil	2600 mg/m^2	IV in D5W continuously over 24 hours by ambulatory infusion device

All doses will be automatically rounded that fall within CCMB Approved Dose Bands. See 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, serum creatinine, urea, electrolytes, liver enzymes and total bilirubin as per Physician Orders
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O₂ saturation) at baseline and as clinically indicated
- No observation period required after DOCEtaxel administration. Patient can be discharged from treatment room if stable whether they had a reaction or not

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
filgrastim (brand name specific) (See <i>Filgrastim Clinical Guide</i>)	5 mcg/kg (rounded to nearest 300 mcg or 480 mcg)	Subcutaneous once daily for 5 days to start on Day 4
dexamethasone	8 mg	Orally once daily on Days 2 and 3
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity reactions occur after discharge
- Ensure patient receives filgrastim supply if patient is self-administering at home
- Instruct patient to continue taking anti-emetic(s) at home
- Ensure patient has received a home chemotherapy spill kit and instruction 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