

## Regimen Reference Order

### GAST – DOCEtaxel + CISplatin + fluorouracil (modified DCF)

ARIA: - GAST – [mod DCF]

**Planned Course:** Every 14 days until disease progression (usual 8 cycles)

**Indication for Use:** Anal Squamous Cell Carcinoma Metastatic

**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  $100 \times 10^9/L$**
- **Creatinine clearance equal to or greater than 45 mL/min**
- ❖ **Contact Physician if parameters not met**

### SEQUENCE OF MEDICATION ADMINISTRATION

#### Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Instruct patient to start vigorous oral pre-hydration (600-900 mL) the morning of treatment (Self-administered at home)		
dexamethasone	8 mg	Orally twice a day the day before treatment and one dose the morning of DOCEtaxel treatment (Self-administered at home)

#### Treatment Regimen – GAST – DOCEtaxel + CISplatin + fluorouracil (modified DCF)

Establish primary solution 500 mL of: normal saline		
Drug	Dose	CCMB Administration Guideline
aprepitant	125 mg	Orally 1 hour pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
DOCEtaxel	40 mg/m <sup>2</sup>	IV in normal saline 250 mL over 1 hour <i>Use non-DEHP bags and non-DEHP administration set</i>
normal saline	100 mL	<b>ONLY</b> for patients with a PORT IV over 12 minutes <i>*Nursing Alert: This volume is to be administered after standard flush</i>
CISplatin	40 mg/m <sup>2</sup>	IV in normal saline 250 mL over 1 hour
fluorouracil	2400 mg/m <sup>2</sup>	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, serum creatinine, urea, LFTs, bilirubin, electrolytes and albumin as per Physician Orders
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O<sub>2</sub> 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
aprepitant	80 mg	Orally once daily on Days 2 and 3
dexamethasone	8 mg	Orally once daily on Days 2 and 3
metoclopramide	10 – 20 mg	Orally as needed every 4 hours for nausea and vomiting

## DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity reactions occur after discharge
- Instruct patient to continue taking anti-emetic(s) at home and to maintain oral intake of 2000 mL (8 glasses) of fluid daily 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

- CISplatin is ototoxic and nephrotoxic
- CISplatin can cause hypomagnesemia