

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^2	IV in normal saline 250 mL over 1 hour Infuse 25 mL over 15 minutes and remainder of bag over 45 minutes <i>Use non-DEHP bags and non-DEHP administration set</i> <i>Concentration dependent drug: Pharmacy will adjust diluent volume to ensure drug stability</i>
CISplatin	40 mg/m^2	IV in normal saline 250 mL over 1 hour
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		

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, serum creatinine, urea, LFTs, bilirubin, electrolytes and albumin as per Physician Orders

Cycle 1 only

- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O₂ saturation) at baseline and as clinically indicated
- Monitor heart rate and blood pressure every 15 minutes during DOCEtaxel infusion
- Observe patient for 1 hour after administration, then start CISplatin
- Full vital signs at discharge

Cycle 2 and onwards

- Full vital signs at baseline and as clinically indicated
- No observation post DOCEtaxel infusion

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 – 6 hours for nausea and vomiting

DISCHARGE INSTRUCTIONS

- 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