

Regimen Reference Order

GAST – CISplatin + gemcitabine (biliary tract)

ARIA: GAST - [CISplatin + gemcitabine]

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

Indication for Use: Biliary Tract 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 – CISplatin + gemcitabine

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Days 1 and 8		
aprepitant	125 mg	Orally 1 hour pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
OLANzapine	2.5 mg	Orally 30 minutes pre-chemotherapy
gemcitabine	1000 mg/m^2	IV in normal saline 250 mL over 30 minutes
CISplatin	25 mg/m^2	IV in normal saline 250 mL over 1 hour

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

All Cycles

Days 1 and 8

- CBC and biochemistry as per Physician Orders (serum creatinine required prior to each CISplatin treatment)

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
aprepitant	80 mg	Orally once daily on Days 2, 3, 9 and 10
dexamethasone	8 mg	Orally once daily on Days 2, 3, 4, 9, 10 and 11
OLANzapine	2.5 mg	Orally the evening of Days 1 and 8 then twice daily on Days 2, 3, 4, 9, 10 and 11. Also use OLANzapine 2.5 to 5 mg AS NEEDED for breakthrough nausea and vomiting (including Days 1 to 4 and 8 to 11) up to a maximum of 10 mg per day. Contact clinic if nausea/vomiting is not adequately controlled

DISCHARGE INSTRUCTIONS

- Instruct patient to continue taking anti-emetic(s) at home
- Maintain oral intake of 2000 mL (8 glasses) of fluid daily at home
- 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