

## Regimen Reference Order

### GAST – gemcitabine + capecitabine (Biliary Tract)

ARIA: GAST - [gem + cape (MET - Biliary)]

**Planned Course:** Until disease progression or unacceptable toxicity (1 cycle = 21 days)

**Indication for Use:** Biliary Tract Cancer

**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 – gemcitabine + capecitabine (Biliary Tract)

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy on <b>Days 1 and 8</b>
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes on <b>Days 1 and 8</b>
capecitabine	650 mg/m <sup>2</sup>	Orally twice daily on <b>Days 1 to 14</b> , followed by 7 days off Take with food. Swallow whole <b>(Self-administered at home)</b>

**capecitabine (XELODA®) available dosage strengths: 150 mg and 500 mg tablets**

**Classification: Cytotoxic, Hazardous**

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

Day 1

- CBC, serum creatinine, urea, electrolytes, liver enzymes and total bilirubin as per Physician Orders

Day 8

- CBC as per Physician Orders

**Recommended Support Medications**

<b>Drug</b>	<b>Dose</b>	<b>CCMB Administration Guideline</b>
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting

**DISCHARGE INSTRUCTIONS**

- Instruct patient to continue taking anti-emetic(s) at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

**ADDITIONAL INFORMATION**

- capecitabine can cause diarrhea, hand-foot syndrome and neuropathy