

## Regimen Reference Order – GAST – gemcitabine

ARIA: GAST – [gemcitabine]

Planned Course: Adjuvant: Days 1, 8 and 15 every 28 days for 6 cycles

OR

Metastatic: Cycle 1 - weekly for 7 of 8 weeks OR weekly for 3 of 4 weeks  
Cycle 2 onwards - days 1, 8 and 15 every 28 days until disease progression or unacceptable toxicity

Indication for Use: Pancreatic 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

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
<b>Adjuvant – All Cycles</b>		
metoclopramide	20 mg	Orally 30 minutes pre-chemotherapy Days 1, 8 and 15
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes Days 1, 8 and 15
<b>Metastatic – Cycle 1</b>		
metoclopramide	20 mg	Orally 30 minutes pre-chemotherapy Weekly for 7 weeks or weekly for 3 weeks
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes Weekly for 7 weeks or weekly for 3 weeks
<b>Metastatic – Cycle 2 onwards</b>		
metoclopramide	20 mg	Orally 30 minutes pre-chemotherapy Days 1, 8 and 15
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes Days 1, 8 and 15

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'

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## REQUIRED MONITORING

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**Adjuvant**

All Cycles

Day 1

- CBC, biochemistry as per physician order

Days 8 and 15

- CBC

**Metastatic**

All Cycles

Day 1

- CBC, biochemistry as per physician order

Days 8 onwards

- CBC, prior to each weekly dose

### Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
metoclopramide	10 – 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

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## DISCHARGE INSTRUCTIONS

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- 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

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## ADDITIONAL INFORMATION

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- N/A