

## Regimen Reference Order

### GENU – gemcitabine with concurrent radiation

ARIA: GENU – [gemcitabine + radiation]

**Planned Course:** Every 7 days for 4 doses  
**Indication for Use:** Muscle-Invasive Bladder 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 – GENU – gemcitabine (with concurrent radiation)

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
<b>Days 1, 8, 15 and 22</b>		
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy
gemcitabine	$100 \text{ mg/m}^2$	IV in normal saline 250 mL over 30 minutes

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

### REQUIRED MONITORING

Day 1

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

Days 8, 15 and 22

- CBC

### Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
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

- Since gemcitabine is given concurrently with radiation, site restrictions are in place
- **Patients should be booked in the treatment room in the morning and must complete their chemotherapy treatment 2 hours prior to radiation treatment.**