

Regimen Reference Order

GENU – mitoMYcin + fluorouracil with concurrent radiation

ARIA: GENU – [mitoMYcin + 5FU with RT]

Planned Course: Concurrent with radiation
 Indication for Use: Muscle Invasive Bladder Cancer

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 $100 \times 10^9/L$

❖ **Contact Physician if parameters are not met**

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – GENU – mitoMYcin + fluorouracil with concurrent radiation

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Day 1		
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy
mitoMYcin	12 mg/m ²	IV push over 5 minutes
fluorouracil	2500 mg/m ²	IV in D5W continuously over 120 hours by ambulatory infusion device
Day 22		
fluorouracil	2500 mg/m ²	IV in D5W continuously over 120 hours by ambulatory infusion device

All doses will be automatically rounded that fall within the DSG Approved Dose Bands. See GENU DSG – Dose Banding document for more information

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

REQUIRED MONITORING

Day 1

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

Day 22

- CBC, serum creatinine, electrolytes, liver enzymes and total bilirubin as per Physician Orders
- Clinical assessment by medical oncology clinic

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
- 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

- mitoMYcin can cause pulmonary toxicity
- Day 1 chemotherapy is administered with the first fraction of radiation while Day 22 chemotherapy is administered with the sixteenth fraction of radiation
- Since mitoMYcin + fluorouracil 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.**