

Regimen Reference Order – GENU – mitoXANTRONE + predniSONE (MP)

ARIA: GENU – [MP]

Planned Course: Every 21 days for 10 cycles

Indication for Use: Prostate Cancer; Metastatic; Castration-Resistant

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 – mitoXANTRONE + prednisone

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Days 1 to 21		
predniSONE	10 mg	Orally once daily in the morning with food (Self-administered at home)
Day 1		
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy
mitoXANTRONE	12 mg/m ²	IV in normal saline 50 mL over 5 minutes

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

REQUIRED MONITORING

Cardiac Monitoring

- Left Ventricular Ejection Fraction (LVEF) and EKG monitoring is recommended at baseline and as clinically indicated

All Cycles

- CBC and biochemistry as per Physician Orders

Recommended Support Medications

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

DISCHARGE INSTRUCTIONS

- predniSONE is a cancer therapy in this treatment regimen. Remind patient to take predniSONE at home
- 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

- mitoXANTRONE is cardiotoxic
- mitoXANTRONE may cause hyperuricemia