ADULT Updated: November 18, 2021

Regimen Reference Order – GENU – CARBOplatin (prostate)

ARIA: GENU – [CARBOplatin (prostate)]

Planned Course: Every 21 days until disease progression or unacceptable toxicity

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 are not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements					
Dr	ug	Dose	CCMB Administration Guideline		
Not Applicable					

Treatment Regimen – GENU – CARBOplatin (prostate)					
Establish primary solution 500 mL of: normal saline					
Drug	Dose	CCMB Administration Guideline			
aprepitant	125 mg	Orally 1 hour pre-chemotherapy			
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy			
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy			
CARBOplatin	AUC 5 mg/mL.min; maximum dose 750 mg (see table below)	IV in D5W 250 mL over 30 minutes			

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

REQUIRED MONITORING

All Cycles

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

Recommended Support Medications				
Drug	Dose	CCMB Administration Guideline		
aprepitant	80 mg	Orally once daily on Days 2 and 3		
dexamethasone	8 mg	Orally once daily on Days 2 and 3		
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting		

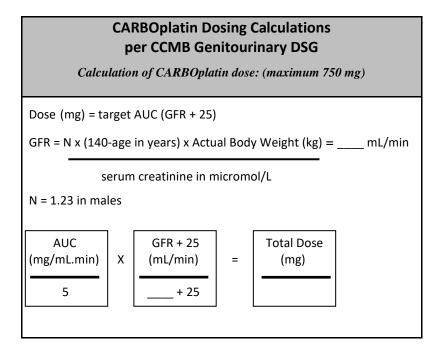


DISCHARGE INSTRUCTIONS

- 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

- CARBOplatin dose considerations:
 - o CCMB Genitourinary DSG uses actual body weight to calculate GFR
 - o CCMB Genitourinary DSG uses a maximum CARBOplatin dose of 750 mg for this regimen
 - o If calculated CARBOplatin differs more than 10% from prescribed CARBOplatin dose, contact the prescriber



AUC= Area Under Curve

The estimated creatinine clearance is based on limited evidence. Sound clinical judgment and interpretation of the estimation are required, because the equations above may not be appropriate for some patient populations (for example, acute renal failure)

