# Regimen Reference Order - H&N - CARBOplatin + radiation

ARIA: H&N - [CARBOplatin (weekly) + radiation]

Planned Course: Weekly for 7 weeks with concurrent radiation Indication for Use: Squamous Cell Carcinoma of Head and Neck

CVAD: At provider's discretion

## **Proceed with treatment if:**

ANC equal to or greater than 1.5 x  $10^9/L$  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 – H&N – CARBOplatin + radiation					
Establish primary solution 500 mL of: normal saline					
Drug	Dose	CCMB Administration Guideline			
Days 1, 8, 15, 22, 29, 36, 43					
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy			
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy			
CARBOplatin	AUC 1.5 mg/mL.min; maximum dose 225 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**

## Weekly

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



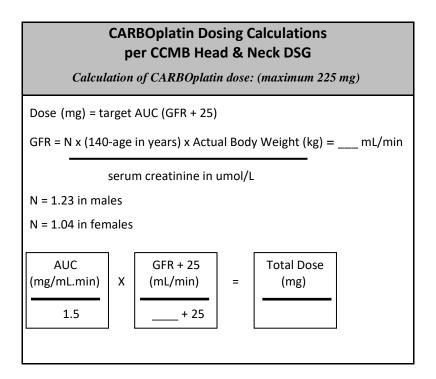
Recommended Support Medications					
Drug	Dose	CCMB Administration Guideline			
dexamethasone	8 mg	Orally once daily for 2 days after each CARBOplatin administration			
metoclopramide	10 to 20 mg	Orally every 4 hours as needed for nausea and vomiting			

#### **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 Head & Neck DSG uses actual body weight to calculate GFR
  - o CCMB Head & Neck DSG uses a maximum CARBOplatin dose of 225 mg for this regimen
  - If calculated CARBOplatin dose 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 equation above may not be appropriate for some patient populations (for example, acute renal failure)

