# **Regimen Reference Order** – H&N – CARBOplatin + fluorouracil

ARIA: H&N – [CARBO + fluorouracil (96 h)]

Planned Course:Every 21 days for 6 cyclesIndication for Use:Squamous Cell Carcinoma of Head and Neck

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 –	H&N - CARBONI	atin + fluorouracil
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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
fluorouracil	4000 mg/m <sup>2</sup>	IV in D5W continuously over 96 hours by ambulatory infusion device

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

# **REQUIRED MONITORING**

All Cycles

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



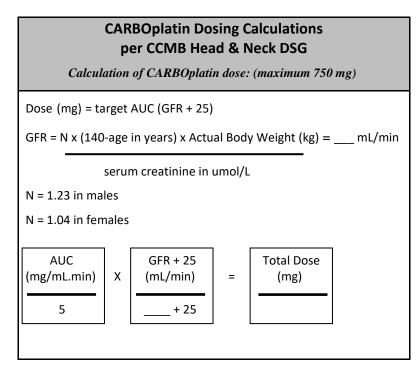
Recommended Support Medications					
Drug	Dose	CCMB Administration Guideline			
aprepitant	80 mg	Orally once daily on Days 2 and 3			
dexamethasone	8 mg	Orally once daily on Days 2 and 3			
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting			

## **DISCHARGE INSTRUCTIONS**

- Instruct patient to continue taking anti-emetic(s) at home
- Ensure patient has received at 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

- 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 750 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)

