# **Regimen Reference Order – MULTI – CARBOplatin + etoposide**

ARIA: MULTI - [CARBOplatin + etoposide]

Planned Course:Every 21 days for 4 to 6 cyclesIndication for Use:Small Cell Carcinoma

#### 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 – MULTI – CARBOplatin + etoposide				
Establish primary solution 500 mL of: normal saline				
Drug	Dose	CCMB Administration Guideline		
Day 1				
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 6 mg/mL.min; maximum dose 900 mg (see table below)	IV in D5W 250 mL over 30 minutes		
etoposide	75 mg/m <sup>2</sup>	IV in normal saline 500 mL over 1 hour Use non-DEHP bags and non-DEHP administration sets		
Days 2 and 3				
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy		
etoposide	75 mg/m <sup>2</sup>	IV in normal saline 500 mL over 1 hour Use non-DEHP bags and non-DEHP administration sets		

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 albumin as per Physician Orders



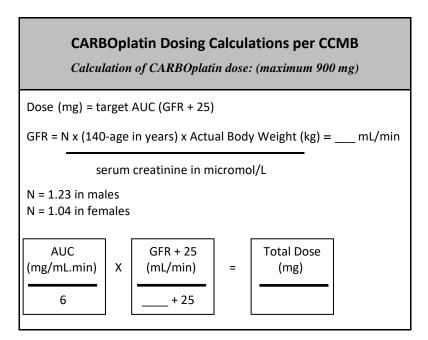
Recommended Support Medications			
Drug	Dose	CCMB Administration Guideline	
aprepitant	80 mg	Orally once daily on Days 2 and 3	
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting	

# **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**

- Patients with limited stage disease (Stages I-III) typically receive 4 cycles of treatment, while patients with extensive stage disease (Stage IV) may receive 4 to 6 cycles
- ARIA regimen is built as 4 cycles. Treatment may be extended to 6 cycles for some patients at the discretion of the oncologist
- CARBOplatin dose considerations:
  - CCMB uses actual body weight to calculate GFR
  - o CCMB uses a maximum CARBOplatin dose of 900 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).

