Regimen Reference Order – THOR – gemcitabine + CARBOplatin

ARIA: - LUNG – [gemcitabine + CARBOplatin]

Planned Course: Every 21 days for 4 to 6 cycles

Indication for Use: Lung Cancer Non-Small Cell Squamous Metastatic

CVAD: At Provider's Discretion

Proceed with treatment if:

ANC equal to or greater than 1.5 x 10⁹/L AND Platelets equal to or greater than 100 x 10⁹/L ↔ Contact Physician if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements			
Drug	Dose	CCMB Administration Guideline	
	No	ot Applicable	

Treatment Regimen – THOR – gemcitabine + CARBOplatin Establish primary solution 500 mL of: normal saline			
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	
gemcitabine	1000 mg/m ²	IV in normal saline 250 mL over 30 minutes	
CARBOplatin	AUC 5 mg/mL.min; maximum dose 750 mg (see table below))	IV in D5W 250 mL over 30 minutes	
Day 8			
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy	
gemcitabine	1000 mg/m ²	IV in normal saline 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

Day 1

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

Day 8

• CBC

Recommended Support Medications

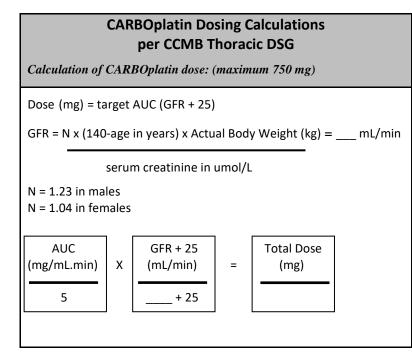
Drug	Dose	CCMB Administration Guideline
aprepitant	80 mg	Orally once daily on Days 2 and 3
dexamethasone	8 mg	Orally once daily on Days 2 and 3
metoclopramide	10 - 20 mg	Orally every 4 hours as needed for nausea and vomiting

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 dosing considerations:
 - o CCMB Thoracic DSG uses actual body weight to calculate GFR
 - \circ $\,$ CCMB Thoracic 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 equation above may not be appropriate for some patient populations (for example, acute renal failure)

