

## Regimen Reference Order – THOR – CAV

ARIA: LUNG – [CAV]

**Planned Course:** Every 21 days for 4 to 6 cycles

**Indication for Use:** Small Cell Lung Cancer

**CVAD:** Preferred (VESICANT INVOLVED)

***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 – THOR – CAV

Establish primary solution 500 mL of: normal saline		
Drug	Dose	CCMB Administration Guideline
<b>Day 1</b>		
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
DOXOrubicin	50 mg/m <sup>2</sup>	IV push over 10 to 15 minutes
vinCRISTine	1.2 mg/m <sup>2</sup> ; maximum dose 2 mg	IV in normal saline 25 mL over 2 to 3 minutes by gravity infusion <i>Concentration dependent drug: Pharmacy will adjust diluent volume to ensure drug stability</i>
cyclophosphamide	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL NS over 1 hour
All doses will be automatically rounded that fall within the DSG Approved Dose Bands. See THOR DSG – Dose Banding document for more information		

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

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## REQUIRED MONITORING

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### All Cycles

- CBC, serum creatinine, urea, liver enzymes and electrolytes as per Physician Orders

### Cardiac monitoring

- Left Ventricular Ejection Fraction (LVEF) monitoring is recommended at baseline and as clinically indicated

## Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
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

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## DISCHARGE INSTRUCTIONS

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- Instruct patient to:
  - Continue taking anti-emetic(s) at home
  - Maintain oral intake of 2000 mL (8 glasses) of fluid daily at home
  - Empty bladder every 2 hours while awake and at bedtime for 24 hours
  - Obtain immediate assistance as per your clinic's contact instructions if:
    - Symptoms of hemorrhagic cystitis (e.g. dysuria, hematuria)
    - Unable to drink recommended amount of fluid
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

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## ADDITIONAL INFORMATION

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- Not applicable