

Regimen Reference Order – LYMP - GD-CARBO

ARIA: LYMP – [GD-CARBO]

Planned Course: Every 21 days to a maximum of 6 cycles

Indication for Use: Relapsed/Refractory Non-Hodgkin's or Hodgkin's Lymphoma

CVAD: At Provider's Discretion

Proceed with treatment if:

- ANC equal to or greater than $1 \times 10^9/L$ AND Platelets equal to or greater than $50 \times 10^9/L$
- ❖ Contact Hematologist if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
allopurinol*	300 mg	Orally once daily for 10 days to begin 3 days prior to Cycle 1 and at provider's discretion for subsequent cycles * Only patients at risk of tumor lysis syndrome will be prescribed allopurinol

Treatment Regimen – LYMP - GD-CARBO

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Day 1		
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	40 mg	IV in normal saline 50 mL over 15 minutes
gemcitabine	1000 mg/m^2	IV in normal saline 250 mL over 30 minutes
CARBOplatin	AUC 5 mg/mL.min	IV in normal saline 250 mL over 1 hour
Day 8		
metoclopramide	20 mg	Orally 30 minutes pre-chemotherapy
gemcitabine	1000 mg/m^2	IV in normal saline 250 mL over 30 minutes

Flush after each medication:

- 50 mL over 6 minutes (500 mL/hr)

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

REQUIRED MONITORING

All Cycles

Day 1

- CBC, biochemistry as per physician order

Day 8

- No bloodwork required before Day 8

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
dexamethasone	40 mg	Orally once daily on Days 2, 3 and 4
ondansetron	8 mg	Orally once in the evening of Day 1
metoclopramide	10 – 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- dexamethasone is an anti-lymphoma agent in this treatment regimen. Remind patient to take dexamethasone at home
- 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 Calculations
Calculation of carboplatin dose: (max. 400mg/m²)

Dose (mg)^{***} = target AUC (GFR + 25)

$$GFR = N \times (140 - \text{age in years}) \times \text{IBW(kg)} = \frac{\text{_____ mL/min}}{\text{serum creatinine in umol/L}^{***}}$$

AUC (mg/mL.min) <hr style="width: 80%; margin: 0 auto;"/> 5	X	GFR + 25 (mL/min) <hr style="width: 80%; margin: 0 auto;"/> _____ + 25	=	Total Dose (mg) <hr style="width: 80%; margin: 0 auto;"/>
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Use measured creatinine clearance if available instead of calculated GFR

Ideal Body Weight (IBW) kg
 Female = 45.5 kg + [(Ht in cm - 152 cm) x 0.91]
 Female = N = 1.04
 Male = 50 kg + [(Ht in cm - 152 cm) x 0.91]
 Male = N = 1.23

The estimated creatinine clearance is based on limited evidence. Sound clinical judgment and interpretation of the estimation are required, because the equations above may not be appropriate for some patient populations (for example, acute renal failure).