

Regimen Reference Order – HEME – cytarabine (Langerhans)

ARIA: HEME - [cytarabine (Langerhans)]

Planned Course: Once daily for 5 days for 12 cycles (1 cycle = 28 days)

Indication for Use: Langerhans histiocytosis

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 $75 \times 10^9/L$

❖ **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 (Self-administered at home) * Only patients at risk of tumor lysis syndrome will be prescribed allopurinol

Treatment Regimen – HEME – cytarabine (Langerhans)

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Days 1 to 5		
dexamethasone	8 mg	Orally 30 minutes pre-chemotherapy
cytarabine	100 mg/m ²	IV in normal saline 250 mL over 1 hour

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, electrolytes, liver enzymes, uric acid and albumin as per Physician Orders

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
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
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ADDITIONAL INFORMATION

- Not applicable