

**Vancouver Coastal Health**  
 VA: VGH / UBC / GFS  
 VC: BP / Purdy / GPC

ADDRESSOGRAPH

COMPLETE OR REVIEW ALLERGY STATUS PRIOR TO WRITING ORDERS

## AML INTERMEDIATE DOSE CYTARABINE (INDAC) – INPATIENT ORDERS

(items with check boxes must be selected to be ordered)

(Page 1 of 2)

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Time Processed  
 RN/LPN Initials  
 Comments

☐ Consent signed for chemotherapy

**Must be completed prior to ordering chemotherapy:** This person of child bearing potential has been assessed for the possibility of pregnancy.

\_\_\_\_\_  
 Prescriber's signature

\_\_\_\_\_  
 Printed name

\_\_\_\_\_  
 College ID

### Dosing Calculations

Height: \_\_\_\_\_ cm

Actual Weight: \_\_\_\_\_ kg

▪ Document height and weight on Nursing Assessment Form and must be co-signed by 2 nurses

$$BMI(kg/m^2) = \frac{Weight(kg)}{[Height(m)]^2}$$

[https://www.nhlbi.nih.gov/health/educational/lose\\_wt/BMI/bmi-m.htm](https://www.nhlbi.nih.gov/health/educational/lose_wt/BMI/bmi-m.htm)

BMI = \_\_\_\_\_ kg/m<sup>2</sup>

$$BSA(m^2) = \sqrt{\frac{Height(cm) \times Weight(kg)}{3600}}$$

BSA = \_\_\_\_\_ m<sup>2</sup>

Round all BSA calculations to 2 decimal places

Use actual weight or BSA to calculate chemotherapy doses

### DIAGNOSTICS:

☐ Induction:

Send peripheral blood (20 mL in EDTA) to Cancer Genetics and Genomics Laboratory (CGL) for RNA extraction for baseline MRD testing prior to starting chemotherapy. Include CGL Myeloid Requisition with sample.

☐ Consolidation cycle 2, Day 1 for patients with mutated NPM1, t(8 ;21), or inv(16):

Send peripheral blood (20 mL in EDTA) to CGL for MRD testing prior to starting chemotherapy. Include CGL Myeloid Requisition with sample.

Send bone marrow aspirate (5 mL in EDTA) to CGL for morphology and MRD testing prior to starting chemotherapy. Include CGL Myeloid Requisition with sample.

☐ If remission not yet achieved: Bone marrow biopsy on count recovery or on Day 28.

☐ Diagnostic lumbar puncture (if not done already) on count recovery and instil cytarabine as per completed INTRATHECAL CHEMOTHERAPY ORDERS (#819) PRE-PRINTED ORDER.

**MONITORING:** Complete signature screening sheet for cytarabine cerebellar toxicity prior to each dose of cytarabine

### PREMEDICATIONS:

Give first dose 30 minutes prior to first dose of chemotherapy

ondansetron 8 mg PO BID \*AND\*

dexamethasone 8 mg PO daily

\_\_\_\_\_  
 Prescriber's Signature  
 RAMLIDARAC

\_\_\_\_\_  
 Printed Name  
 VCH.VA.PPO.151 | Rev.JUL.2022

\_\_\_\_\_  
 College ID

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**CHEMOTHERAPY:**

BCCA Code for PCIS order entry: LKNOS

*All intensive chemotherapy orders require 2 prescriber signatures, one of whom must be an attending physician.*

Indicate cycle: ☐ Induction ☐ Salvage ☐ Consolidation # 1 ☐ Consolidation #2 ☐ Consolidation #3

cytarabine (1000 mg/m<sup>2</sup>, rounded to the nearest 100 mg) \_\_\_\_\_ mg IV over 2 hours DAILY for 5 days.

Start Day 1 (date): \_\_\_\_\_ to Day 5 (date): \_\_\_\_\_.

**SUPPORTIVE CARE:**

dexamethasone 0.1% ophthalmic drops – 2 drops in each eye Q6H starting immediately before the first dose of cytarabine and continue until 48 hours after the last dose of cytarabine.

micafungin 100 mg IV daily. Start Day 1 (date): \_\_\_\_\_

If patient is HSV seropositive give:

☐ valACYclovir 500 mg PO BID

Start Day 6 (date): \_\_\_\_\_

**Breakthrough nausea and vomiting anti-emetics:**

☐ prochlorperazine 10 mg PO Q6H PRN

☐ metoclopramide 10 to 20 mg PO/IV Q6H PRN

☐ LORazepam 1 mg PO/IV Q6H PRN

**Fever orders:** as per completed INITIAL FEBRILE NEUTROPENIA OR INFECTION MANAGEMENT – INPATIENT (#302) PRE-PRINTED ORDERS.

**NOTES TO PRESCRIBER:** (UC/Pharmacy do not process – reminders for prescriber only)

- For Salvage chemotherapy, change micafungin to posaconazole as fungal prophylactic agent starting on day 6, and obtain PharmaCare Special Authority coverage.
- For Consolidation chemotherapy, may use fluconazole as fungal prophylactic agent.
- If HbsAg or Anti-HBc positive start lamiVUDine (complete Special Authority Form). Refer to L/BMT Manual for recommended duration of lamiVUDine therapy and frequency of hepatitis B viral DNA level monitoring.