

Idarubicin and Cytarabine: Induction Chemotherapy for Acute Myeloid Leukemia

Contact Physician: _____ **Pager:** _____

Diagnosis: _____

Weight: _____ **Height:** _____ **BSA:** _____

Adjusted IBW: _____ **Adjusted BSA:** _____ **Consent done**

Allergies: _____

<p>Idarubicin 12 mg/m²/day IV push daily, days 1-3 Cytarabine 100 mg/m²/day CIVI over 24 hours for 7 days, days 1-7</p>

1 Hydration:

2 Prophylactic medications: (check the appropriate medications)

- Allopurinol: 300mg PO daily for 7 days.
- Acyclovir: 400mg PO twice daily
- Antifungal: Posaconazole 200mg PO three times daily starting on Day 4
- GI prophylaxis:

3 Anti-emetics: Moderate Risk Emetogenic Protocol (check appropriate medications)

- Ondansetron: 16mg PO every 12 hours on day 1,2,&3 (total 6 doses), then 8 mg PO twice daily days 4-7. First dose prior to chemotherapy. May give IV if unable to tolerate PO
- Dexamethasone: 10mg PO daily for 3 days on day 1,2,&3. First dose prior to chemotherapy.
- Lorazepam: 0.5-1mg PO or IV every 4 hours prn nausea
- Prochlorperazine 10mg PO every 6 hours prn nausea

4 Chemotherapy

- **Idarubicin** (12 mg/m²/day) _____mg IV daily, days 1-3. Give IV push over 10-15 minutes.
- **Cytarabine** (100mg/m²/day) _____mg in Sodium Chloride 0.9% 500mL continuous IV infusion over 24 hours for 7 days, days 1-7.

5. Nursing

Monitor for cerebellar toxicity with neuro checks every 8 hours and prn. For any symptoms of toxicity, hold cytarabine and contact Hematology fellow or staff on call. (Low risk for neurotoxicity with low dose cytarabine.)

Signed: _____ Pager: _____

Reference: Blood 79(2), 1992: 313-319; J Clin Oncology 10(7), 1992: 1103-1111.

Recommended Dose Adjustments:

For total bilirubin ≥ 2.5 decrease idarubicin by 50%

For total bilirubin ≥ 5 omit idarubicin

