

STANDARD BFM: Interim maintenance, (Phase III), for Acute Lymphocytic Leukemia

Contact Physician: _____ **Pager:** _____

Diagnosis: _____

Cycle: Interim maintenance, phase III **Day 71/1=** _____

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

Adjusted IBW: _____ **Adjusted BSA:** _____

Allergies: _____

Begin day 70 from start of induction or when ANC >1000 and platelets >100K

6-Mercaptopurine 60 mg/m² PO days 1-42 (6 weeks)

Methotrexate 15 mg/m² PO days 1,8,15,22,29,36 (weekly x 6)

Imatinib 400-600mg PO daily for Ph+ chromosome.

1. Prophylactic Medications: (check the appropriate medications)

- Acyclovir: 400mg PO twice daily
- TMP/Sulfa: 160/800mg 1 tablet PO twice daily every Sat/Sun
- Antifungal:
- GI prophylaxis:

2. Anti-emetics: (check the appropriate medications)

- Ondansetron: 8mg PO every 8 hours prn nausea.
- Lorazepam: 0.5mg - 1 mg PO or IV every 4 hours prn nausea
- Prochlorperazine 10mg PO every 6 hours as needed nausea

3. **Chemotherapy:** Begin when ANC > 1000 and platelet count > 100,000

- **6-Mercaptopurine** (60 mg/m²/day) _____ mg PO daily, days 1- 42.
Day 1 = _____, Day 42 = _____.
(Increased toxicity if given with allopurinol. Discontinue allopurinol. If unable to discontinue, then recommend dose adjustment.) Note: available as 50mg tablet.

- **Methotrexate** (15 mg/m²/week) _____ mg PO on days 1, 8, 15, 22, 29, and 36.
Day 1: _____ Day 8 _____ Day 15: _____ Day 22: _____
Day 29: _____ Day 36: _____.
Note: Use 2.5mg tablets.

- Imatinib** _____mg PO daily for Philadelphia positive chromosome.

Signed: _____ Pager: _____

Reference: J Clinical Oncology, 11(11) 2234-2242, 1993.

Recommended dose adjustments:

1. 6-Mercaptopurine

- Concomitant allopurinol- reduce mercaptopurine dose to 1/3 to 1/4 of usual dose.
- Hepatic and renal insufficiency: dosage reduction recommended, specific guidelines are not available

2. Methotrexate

- Renal impairment GFR 10-50mL/min give 50% of the usual dose
- Hepatic impairment
 - Bilirubin <3 AST <180IU 100% of dose may be given
 - Bilirubin 3.1-5 AST >180IU 75% of dose
 - Bilirubin >5 omit dose

