

**Maintenance Chemotherapy for Acute Promyelocytic Leukemia
Mercaptopurine, Methotrexate, All-trans-retinoic acid**

Contact Physician: _____ **Pager:** _____

Diagnosis: _____

Maintenance Day 1 = _____ **Cycle 1: consent form done**

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

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

Allergies: _____

Mercaptopurine 50mg/m²/day PO
Methotrexate 15mg/m²/week IM
***All-trans-retinoic acid (ATRA)** 45mg/m²/day PO in two divided doses for 15 days every 3 months
For patients \leq 20 years old, then ATRA 25mg/m²/day PO in two divided doses for 15 days every 3 months.
Maintenance continues for 2 years

1. Prophylactic medications:

- Acyclovir: 400mg PO twice daily
- Antifungal:
- GI prophylaxis:

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

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

3. Chemotherapy:

- **Mercaptopurine** (50mg/m²/day) _____mg PO daily
- **Methotrexate** (15mg/m²/week)_____mg Intramuscular injection weekly.
- **All-trans-retinoic acid** (45mg/m²/day) _____mg PO rounded to the nearest 10 mg in two divided doses (_____mg PO twice daily) for 15 days every 3 months. Days 1-15=_____. (For patients ≤ 20 years old, reduce dose 25mg/m²/day)

Signed:_____ Pager:_____

Blood 2004: 103(4) 1237-1243.

Dose reductions:

If WBC < 3.5 x10⁹/L decrease mercaptopurine and methotrexate by 50%.

If WBC < 2.5 x 10⁹/L, discontinue mercaptopurine and methotrexate.

