

ACE: Cytarabine, Cisplatin, Etoposide for CLL/NHL

Contact Physician:_____ **Pager:** _____

Diagnosis:_____

Cycle:_____ **Day 1 =** _____ **Cycle 1: Consent form done**

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

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

Allergies:_____

1. Labs:

2. Hydration: Start IV hydration with

- a) Sodium chloride 0.45% with Sodium bicarbonate 50mEq/L at 150mL/hour (cycle #1, concern for tumor lysis)
- b) Sodium chloride 0.9% at 150 mL/hour.

Start hydration 6 hours prior to beginning chemotherapy. Continue hydration throughout the cisplatin administration and for 12 hours after completion of second cisplatin dose.

3. Prophylactic Medications: (check the appropriate medications)

- Allopurinol: 300mg PO daily for 10 days for cycle #1.
- Prednisolone 1% eye drops: one drop in each eye four times daily for 3 days, days 1-3.
- Pyridoxine: 100mg PO twice daily prior to cytarabine on days 1 – 2.
- Acyclovir: 400 mg PO twice daily
- TMP/Sulfa: 160/800 mg 1 tablet PO twice daily every Sat/Sun
- Antifungal:
- GI prophylaxis:

4. Anti-emetics: (Administer 30-60 minutes prior to chemotherapy.)

- Ondansetron: 16 mg PO every 12 hours, times 4 doses. May give IV if unable to tolerate PO.
- Dexamethasone: 12 mg PO daily days 1 and 2 and 8mg PO daily on days 3, 4 and 5.
- Aprepitant 125mg po day 1; 80mg po days 2 and 3.
- Lorazepam: 0.5mg-1 mg PO or IV every 4 hours prn nausea
- Prochlorperazine 10mg PO every 6 hours prn nausea.

5. Chemotherapy

- **Cytarabine** (2 gm/m²) _____grams in Sodium chloride 0.9% 250mL IV over 1 hour every 12 hours, days 1 and 2. (total of 4 doses of cytarabine).
- **Etoposide** (100mg/m²) _____mg in Sodium chloride 0.9% 500mL IV over 1 hour daily, days 1 and 2. (total of 2 doses)
- **Furosemide:** 20 mg IV one hour prior to cisplatin
- **Cisplatin** (35mg/m²)_____mg IV in Sodium chloride 0.9% 1000mL IV with Mannitol 12.5gram, infuse over 4 hours daily, days 1 and 2. (total of 2 doses)

Please note:

- Patient must have received at least 6 hours of hydration before cisplatin is started. Serum creatinine must be less than 2.0 (creatinine on ____ is____).
- Urine output should be maintained at 400ml/4 hours during cisplatin infusion and for 8 hours after its completion. Call H.O. for additional diuretic orders if urine output is less.
- Neuro checks prior to each dose of cytarabine.

2. Filgrastim (Wt. ≤70kg =300mcg; > 70kg = 480mcg) _____mcg subcutaneous daily beginning 24 hours after chemotherapy. Start on _____, discontinue when neutrophil count is greater than 2000 after nadir.

3. Discharge: WBC, diff, Hgb, plt to be done every Monday and Thursday starting _____. If done at outside clinic, fax to (608) 266-6020.

Signed: _____ Pager _____
Reference: Am J Clin Oncology, 12(6), 502-506, 1989.