

Dexa-Mini-BEAM for Refractory or Relapsed Lymphoma (NHL or Hodgkin's disease)

Contact Physician: _____ **Pager:** _____

Diagnosis: _____

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

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

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

Allergies: _____

Dexamethasone 8mg PO three times daily on Day 1 to 10
Carmustine (60 mg/m²) IV over 2 hours once on Day 1
Etoposide (75 mg/m²) IV over 1 hour once daily on Day 2 to 5
Cytarabine (100mg/m²) IV over 1 hour twice daily on Day 2 to 5
Melphalan (30mg/m²) IV over 15 minutes once on Day 6
Repeat every 3 weeks (Recommended maximum of 2 cycles)

1. Hydration: Sodium Chloride 0.9% at 100 mL per hour IV during chemotherapy

2. Prophylactic medications:

- Allopurinol: 300mg PO daily for 10 days with cycle #1
- Acyclovir: 400mg PO twice daily
- TMP/Sulfa: 160/800mg 1 tablet PO twice daily every Sat/Sun
- Antifungal:
- GI prophylaxis:

3. Anti-emetics: Moderate Emetogenic Risk

(check the appropriate medications)

- Ondansetron: 16 mg PO once daily on Day 1 to 6
- Ondansetron: 16 mg IV once daily on Day 1 to 6 if unable to tolerate PO
- Glucocorticoids ordered as part of chemotherapy regimen
- Lorazepam: 0.5mg - 1 mg PO or IV every 4 hours prn nausea
- Prochlorperazine: 10mg PO every 8 hours as needed for nausea

4. Chemotherapy:

- **Dexamethasone** 8 mg PO three times daily on Day 1 to 10. First dose prior to carmustine.
- **Carmustine** (60 mg/m^2) _____ mg in Dextrose 5% in Water 250mL glass bottle IV over 2 hours once on Day 1
- **Etoposide** (75 mg/m^2) _____ mg in Sodium Chloride 0.9% 500mL IV over 1 hour once daily on Day 2 to 5. (Total of 4 doses)
- **Cytarabine** (100 mg/m^2) _____ mg in Sodium Chloride 0.9% 250mL IV over 1 hour twice daily Day 2 to Day 5. (Total of 8 doses)
- **Melphalan** (30 mg/m^2) _____ mg IV push over 15 minutes on Day 6

5. Growth Factor Support: Choose one

- Filgrastim (Wt. $\leq 70\text{kg}=300 \text{ mcg}$; $>70\text{kg}=480 \text{ mcg}$) _____mcg SQ on day 8 and continue daily until neutrophils count is greater than 2000 after nadir.
- Pegfilgrastim 6mg SQ 24 to 48 hours after last dose of chemotherapy. (To be given as an outpatient.)

6. Discharge: Lab work twice weekly- CBC, diff, platelet. If lab work performed at local clinic, fax copy of results to 608-266-6020.

Signed: _____ **Pager:** _____

Reference:

Dexamethasone dose Leukemia and Lymphoma 2007; 48(2):349-56.

BEAM regimen – J Clin Oncol 1995;13