

Infusional ICE: Ifosfamide, Carboplatin, Etoposide for Lymphoma

Contact Physician: _____ **Pager:** _____

Diagnosis: _____

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

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

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

Allergies: _____

Etoposide 100mg/m²/day IV over 1 hour daily, days 1-3
Ifosfamide 5grams/m² with equal dose Mesna CIVI over 24hours beginning day 2
Carboplatin dose per Calvert formula, given IV over 2 hours day 2. Maximum dose 800mg.

Creatinine Clearance: _____ ml/min $\left[\frac{(140-\text{age}) \times \text{wt}(\text{kg})}{72} \right] \times (0.85 \text{ for women})$

- 1. Hydration:** Start IV hydration 6 hours before starting chemotherapy using Sodium Chloride 0.9% at 200 mL/hour. Upon initiation of chemotherapy, adjust maintenance fluid to keep total fluid 200 mL/hour. Continue hydration throughout chemotherapy and for 12 hours after completion of ifosfamide.
- 2. Prophylactic Medications:** (check the appropriate 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: High emetogenic potential

- Ondansetron: 16mg PO twice daily for 6 doses
- Ondansetron 16mg IV every 12 hours if unable to tolerate PO.
- Dexamethasone: 12 mg PO daily, days 1-3 and 8 mg PO once daily days 4-6.
- Lorazepam: 0.5mg - 1 mg PO or IV every 4 hours prn nausea
- Prochlorperazine 10 mg PO every 6 hours prn nausea
- Aprepitant 125mg PO day 1 and 80mg PO day 2 & 3.

4. Chemotherapy:

- **Etoposide** (100mg/m²/day) _____ mg in Sodium Chloride 0.9% 500mL IV over 1 hour daily on Days 1-3.
- **Ifosfamide** (5 grams/m²) _____ grams mixed in the same Sodium Chloride 0.9% 1000mL bag with an equal dose of **Mesna** _____ grams to be given as a continuous IV infusion over 24 hours beginning Day 2.
- **Carboplatin** (using Calvert formula = 5 X (CrCL + 25) _____ mg in Dextrose 5% in Water 500mL IV over 2 hours on Day 2. (Maximum dose of 800 mg).
- **Furosemide:** 20 mg IV 1 hour after the start of Ifosfamide.

5. Filgrastim (≤ 70 kg =300 mcg; > 70 kg = 480 mcg) _____ mcg subcutaneous daily starting day 5 _____, discontinue when neutrophil count is greater than 4000 after nadir.

6. Discharge: Every Monday and Thursday until count recovery: WBC, diff, Hgb, plt. If done at outside lab, fax results to Cancer Clinic triage 608-266-6020.

Follow-up: Next cycle should begin 2-3 weeks from start if neutrophil count is >1000 and platelets are $>50,000$.

Signed: _____ Pager: _____

Reference: J Clin Oncology 17 (12), 3776-3785, 1999.

