

Recommended Drug Dilution for Inpatient Leukemia, Lymphoma, and Bone Marrow Transplant Service

***Excludes BMT Conditioning regimens with pre-defined diluents; Exceptions may occur**

Drug	Preferred IVF	Recommended Concentration or Diluent Volume	Notes
Arsenic Trioxide IVPB	NS	100 - 250 mL	
Azacitabine IVPB	NS	100 mL	1 hour expiration *Incompatabile w D5W*
Azacitabine Subcutaneous	n/a	25 mg/mL	1 hour expiration *Incompatabile w D5W*
Bendamustine (Treanda) IVPB	NS	500 mL	No CSTD; 3 hour expiration
Bendamustine (Bendeka) IVPB	NS	50 mL	No CSTD; 6 hour expiration
Bleomycin IVPB???	NS	100 mL???	
Bleomycin IV Push	NS	5 units/mL	Over 10 minutes
Busulfan IVPB	NS	0.5 mg/mL	No CSTD; 8 hour expiration; Seizure ppx
Carboplatin IVPB	NS	250 mL	
Carmustine IVPB	D5W	concentration? 1mg/mL?	No CSTD - SHORT EXP conc dep- benny?
Cisplatin IVPB	NS	250 mL	*Incompatible with D5W*
Cladribine 24 hour Continuous Infusion	NS	500 mL	Filter prior to adding to IV bag *Incompatibile with D5W*
Cladribine IVPB	NS	500 mL	Filter prior to adding to IV bag *Incompatibile with D5W*
Clofarabine IVPB	NS	0.15 - 4 mg/mL	Filter prior to adding to IV bag
Cytarabine IVPB	D5W	250 mL	
Cytarabine Continuous infusion	D5W	500 mL	
Cyclophosphamide IVPB	NS	100 - 500 mL	
Dacarbazine IVPB	D5W	250 mL	2 or 8 hour expiration??
Daunorubicin IV Push	n/a	5 mg/mL undiluted	Over 5 minutes
Daunorubicin IVPB	NS	100 - 250 mL	Protect from light
Decitabine IVPB	NS	100 mL	4 hour expiration * COLD IV BAG*
Dexamethasone	NS	50 mL	
Doxorubicin IV Push	n/a	2 mg/mL undiluted	Over 5-10 minutes
Doxorubicin IVPB	NS	100 - 250 mL	Protect from light
Doxorubicin- Liposomal IVPB	D5W	<90mg/ 250 mL >90mg/ 500 mL	
Etoposide IVPB	NS	< 0.4 mg/mL	Inpatient: dispense w 0.2 micron filter
Etoposide +Doxorubicin +Vincristine Continous infusion	NS	1000 mL	*0.2micron filter & protect from light
Fludarabine IVPB	NS	100 mL	
Gemcitabine IVPB	NS	100 - 500 mL	
Ifosfamide IVPB	NS	0.6 - 20 mg/mL	Combined with mesna at ≤ 20mg/mL
Ifosfamide Continuous infusion	NS	0.6 - 20 mg/mL	Combined with mesna at ≤ 20mg/mL
Idarubicin IVP	n/a	1 mg/mL undiluted	Over 10-15 minutes
Idarubicin IVPB	NS	100 - 250 mL	
Mesna IVPB	NS	20 mg/mL	
Melphalan (Alkeran)	NS	≤ 0.45 mg/mL	1 hour expiration *Incompatabile w D5W*
Melphalan (Evomela)	NS	≤ 0.45 mg/mL	4 hour expiration *Incompatabile w D5W*
Methotrexate IVPB or CI	????	100 - 1000 mL	
Mitoxantrone IVPB	NS	100 mL	
Nelarabine IVPB	n/a	5mg / mL undiluted	8 hour expiration
Ondansetron	NS	50 mL	
Oxaliplatin IVPB	D5W	250 mL	*Incompatible with NS* Cold sensitivity
Peg-asparaginase IVPB	NS	100 mL	
Peg-asparaginase IM	n/a		
Vinblastine IVPB???	NS	50 mL	Over 5-10 minutes - do we pb or push?
Vinblastine IV Push	n/a	1mg / mL	Over 1 minute
Vincristine IVPB	NS	50 mL	Over 5-10 minutes
Thiotepa IVPB	NS	500 mL	8 hour expiration; Filter prior to adding IV bag
Topotecan IVPB	NS	100 mL	