

ADDRESSOGRAPH

COMPLETE OR REVIEW ALLERGY STATUS PRIOR TO WRITING ORDERS					
BMT MA BU4FLUATG					
	D OR UNRELATED DONOR ALLO				
WITELUABLATIVE CC	NDITIONING with BUSULFAN, FL (items with check boxes must be sele		YIE GLOBULIN (Page 1 of 4)		
	(Rome will onesi sexee maet se sei	notice to be creation,	Time		
Date:	Time:		Processed RN/LPN Initials		
Consent signed for chem			Comments		
	.,	of shild bearing notontial has been			
assessed for the possibility	to ordering chemotherapy: This person of pregnancy.	or child bearing potential has been			
,					
Prescriber's signature	Printed name	College ID			
	Chemotherapy Dosing Calcula	ations			
Height: cm		Actual Weight: kg			
	and weight on Nursing Assessment Form	·			
		and must be so signed by 2 1445			
$BMI(kg/m^2) = \frac{Weight(R)}{[Height(R)]}$	$\frac{(ns)}{(n)^2}$ OR	BMI = kg/ m ²			
	ealth/educational/lose_wt/BMI/bmi-m.htm	Bivii – kg/ iii-			
Ideal Body Weight:					
Male = 50 + 0.91 (height in	cm – 152.4)	Ideal Body Weight = kg			
Female = 45.5 + 0.91 (heig	ht in cm – 152.4)				
Adjusted Body Weight :		Adjusted Body Weight = kg			
	(IBW)+ 0.4(Actual Body Weight – IBW)				
$BSA(m^2) = \sqrt{\frac{Height(c)}{m^2}}$	$(m) \times Weight(kg)$	BSA = m ²			
	₹ V 3600				
Round all BSA calculations to 2 decimal places		Adjusted BSA = m ²			
	justed BSA to calculate chemotherapy dose	es when Ideal Body Weight is less than Ac	tual		
Weight					
MONITORING:					
During each anti-thymocyt	te globulin (rabbit) infusion: Monitor vital sig	gns Q15MIN x 4; then Q30MIN x 4; then Q4	4H.		
LABORATORY:					
Serum creatinine and I	bilirubin (total and direct) level in AM of eac	ch methotrexate dose.			
Day +2 (date):	draw cyclosporine trough level at 05	:30 and repeat every Monday and Thursda	y.		
Day +7 (date):	Day +7 (date):draw CMV PCR then repeat every Monday through day +100 or longer if indicated.				
Day +7 (date): draw EBV PCR then repeat every Monday through day +100 or longer if indicated.					
, , ,		, , , ,			
Prescriber's Signature	 Printed Name	College ID			
	VCH.VA.PPO.1012 Rev.				



ADDRESSOGRAPH

COMPLETE OR REVIEW ALLERGY STATUS PRIOR TO WRITING ORDERS

RELATED OR UNRELATED DONOR ALLOGENEIC STEM CELL TRANSPLANT MYELOABLATIVE CONDITIONING with BUSULFAN, FLUDARABINE and ANTI-THYMOCYTE GLOBULIN				
	(items with check boxe	es must be selected to be ordered)	(Page 2 of 4)	
Date:	Time:		Time Processed RN/LPN Initials	
MEDICATIONS:			Comments	
Premedications:				
ondansetron	, to day - 3 (date) 8 mg PO BID *AND* one 8 mg PO daily	, 30 minutes prior to first dose of chemotherapy, give		
Breakthrough naus	ea and vomiting anti-emetics:			
☐ pro	ochlorperazine 10 mg PO Q6H PRN			
☐ me	etoclopramide 10 to 20 mg PO/IV Q6H PF	RN		
☐ LC	Razepam 1 mg PO/IV Q6H PRN			
Chemotherapy: BCCA Code for PCIS of All intensive chemother attending physician.	•	s require 2 prescriber signatures, one of whom must be an		
	mg (50 mg/m², round to nearest 5 mg) when CrCl is 70 mL/min or less. Refer to	in dextrose 5% (D5W) IV daily over 60 minutes at 09:00.		
•	date):to day -3 (date):			
I ORazenam 1 mg S	L/IV Q6H (at 09:00, 15:00, 21:00, 03:00)	for seizure prophylaxis. Start at 09:00		
	(date):to day -2 (date):	· · ·		
	ng (3.2 mg/kg, round to nearest 5 mg) in a (date):to day -3 (date):	sodium chloride 0.9% (NS) IV daily over 3 hours at 10:00 Total of 4 doses.		
Prescriber's Signatur	e Printed Name VCH.VA.PPO.10	College ID 012 Rev.JUN.2022		



VC: BP / Purdy / GPC

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COMPLETE OR REVIEW ALLERGY STATUS PRIOR TO WRITING ORDERS

BMT MA BU4FLUATG

RELATED OR UNRELATED DONOR ALLOGENEIC STEM CELL TRANSPLANT

MYELOABLATIVE CONDITIONING with BUSULFAN, FLUDARABINE and ANTI-THYMOCYTE G (items with check boxes must be selected to be ordered)	(Page 3 of 4)
Date: Time:	Time Processed RN/LPN Initials
MEDICATIONS: Chemotherapy continued:	Comments
anti-thymocyte globulin (rabbit, THYMOGLOBULIN) (use actual body weight) Give on day –3 (date): (dose) mg (0.5 mg/kg, round to nearest 1 mg) IV x 1 dose at 10:00. Give on day –2 (date): (dose) mg (2 mg/kg, round to nearest 5 mg) IV x 1 dose at 10:00. Give on day -1 (date): (dose) mg (2 mg/kg, round to nearest 5 mg) IV x 1 dose at 10:00. Total of 3 doses (4.5 mg/kg total)	
Premedications for each anti-thymocyte globulin (rabbit) infusion: diphenhydrAMINE 50 mg PO x 1 dose one hour prior to, and Q4H during the infusion acetaminophen 650 mg PO x 1 dose once hour prior to, and Q4H during the infusion hydrocortisone 100 mg IV x 1 dose one hour prior	
Infuse anti-thymocyte globulin (rabbit) through an in-line 0.2 micron filter. Initial dose (day-2) to be infused over 8 to 12 hours (up to 24 hours). If no reaction, subsequent doses can be infused over a minimum of 4 hours.Confirm the need for each dose with Pharmacy.	
Hematopoietic progenitor cells to be infused on day 0 (date):	
GRAFT VERSUS HOST DISEASE PROPHYLAXIS: BCCA Code for PCIS order entry: NOT COVERED	
All intensive chemotherapy and transplant chemotherapy orders require 2 prescriber signatures, one of whom must be an attending physician.	
cycloSPORINE mg (1.5 mg/kg, use actual weight, round dose to nearest 5 mg) in dextrose 5% (D5W) IV Q12H at 06:00 and 18:00. Infuse over 4 hours. Start at 18:00 on Day -2 (date)	
methotrexate: Use Adjusted BSA to calculate methotrexate dose when Ideal Body Weight is less than Actual Weight Check with prescriber prior to giving each dose of methotrexate.	
methotrexate mg (15 mg/m2, round to nearest 1 mg) IV over 20 minutes. Administer at least 24	
hours after hematopoietic progenitor cell infusion.	
Start on Day +1 (date)	
methotrexatemg (10 mg/m2, round to nearest 1 mg) IV over 20 minutes.	
Give on Day +3 (date), Day +6 (date), and Day +11 (date)	
Prescriber's Signature Printed Name VCH.VA.PPO.1012 Rev.JUN.2022	



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COMPLETE OR REVIEW ALLERGY STATUS PRIOR TO WRITING ORDERS

BMT MA BU4FLUATG

MYELOABLATIVE CONDITION	INRELATED DONOR ALLOGENEIC STEM CELL TRANSPLANT DNING with BUSULFAN, FLUDARABINE and ANTI-THYMOCYTE (ms with check boxes must be selected to be ordered)	GLOBULIN (Page 4 of 4)
Date: T	ime:	Time Processed RN/LPN Initials Comments
SUPPORTIVE CARE:		
500 mg PO BID (for actual	weight less than 40 kg) g PO PM (for actual weight 40 kg to 70 kg) weight greater than 70 kg)	
Start on day -7 (date):	and continue until day +90 (date):	
allopurinol 300 mg PO daily for infusion. Start day –6 (date):	10 days for all patients NOT in remission at time of hematopoietic progenitor cell	
micafungin 100 mg IV daily. Start	day +1 (date):	
If HSV seropositive recipient give:		
□ valACYclovir 500 mg PO body weight if pat	BID *OR * acyclovirmg (5 mg/kg, round to nearest 25 mg, use ideal ient BMI of 30 or greater) IV Q12H.	
Start day +1 (date):		
PRINTED ORDERS.	PRILE NEUTROPENIA – INPATIENT INITIAL MANAGEMENT (#302) PRE- JSION of HEMATOPOIETIC PROGENITOR CELLS or THERAPEUTIC CELLS RED ORDERS.	
NOTES TO PRESCRIBER (Unit Cle	erk/Pharmacy do not process – reminders for Prescriber only).	
· ·	ecrease fludarabine dose by 20%. Reassess need for dose adjustment daily.	
	start lamivudine 100 mg PO daily (complete Special Authority Form) and onths post-transplant or longer if patient continues immunosuppressive drugs.	
PJP prophylaxis should be star if patient continues immuno	ted by day +28 and continue until at least 12 months post transplant or longer suppressive drugs.	
immunosuppressive drugs.	at least 12 months post transplant or longer if patient continues	
Refer to L/BMT manual for me	hotrexate dosing guidelines.	
Prescriber's Signature	Printed Name College ID VCH.VA.PPO.1012 Rev.JUN.2022	