

IP CAGT ALLOGENEIC SCT CAMGRAFT

Types: ONCOLOGY TREATMENT

Synonyms: FLU, FLUDARA, ALEMTUZUMAB, ALAN, BMT, CAGT, ALLOGENEIC, SCT

Transplant	Repeat 1 time	Cycle length: 90 days																								
Day -5 through -1																										
Perform every 1 day x1																										
Labs																										
CYTOMEGALOVIRUS ANTIGEN Interval: Every Mon, ThuOccurrences: -- Comments: Draw on Monday and Thursday if WBC > 1																										
CYTOMEGALOVIRUS BY PCR Interval: Every Mon, ThuOccurrences: -- Comments: Draw on Monday and Thursday if WBC < 1																										
Line Flush																										
sodium chloride 0.9 % flush 20 mL Dose: 20 mL Route: intravenous PRN Start: S																										
Pre-Medications																										
ondansetron (ZOFRAN) injection 10 mg Dose: 10 mg Route: intravenous every 24 hours for 4 doses Start: S Instructions: Administer 30 minutes prior to treatment on Day -5, -4, -3, -2.																										
Antiemetics																										
promethazine (PHENERGAN) injection 25 mg Dose: 25 mg Route: intravenous every 4 hours PRN Start: S																										
ondansetron (ZOFRAN) injection 8 mg Dose: 8 mg Route: intravenous every 8 hours PRN Start: S+4 Instructions: Start on Day -1.																										
Chemotherapy																										
fludarabine (FLUDARA) 30 mg/m2 in sodium chloride 0.9 % 100 mL chemo IVPB Dose: 30 mg/m2 Route: intravenous every 24 hours over 30 Minutes for 4 doses Start: S Instructions: Day -5, -4, -3, -2.																										
<table><tr><th>Ingredients:</th><th>Name</th><th>Type</th><th>Dose</th><th>Selected</th><th>Adds Vol.</th></tr><tr><td></td><td>FLUDARABINE 50 MG INTRAVENOUS SOLUTION</td><td>Medications</td><td>30 mg/m2</td><td>Main Ingredient</td><td>Yes</td></tr><tr><td></td><td>SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION</td><td>QS Base</td><td>100 mL</td><td>Yes</td><td>Yes</td></tr><tr><td></td><td>DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION</td><td>QS Base</td><td></td><td>No</td><td>Yes</td></tr></table>			Ingredients:	Name	Type	Dose	Selected	Adds Vol.		FLUDARABINE 50 MG INTRAVENOUS SOLUTION	Medications	30 mg/m2	Main Ingredient	Yes		SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	100 mL	Yes	Yes		DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes
Ingredients:	Name	Type	Dose	Selected	Adds Vol.																					
	FLUDARABINE 50 MG INTRAVENOUS SOLUTION	Medications	30 mg/m2	Main Ingredient	Yes																					
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	100 mL	Yes	Yes																					
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes																					
alemtuzumab (CAMPATH) 10 mg in sodium																										

chloride 0.9 % 100 mL IVPB

Dose: 10 mg

Route: intravenous

every 24 hours over 2 Hours for 4 doses

Start: S

Instructions:

Day -5, -4, -3, -2.

Ingredients:**Name****Type****Dose****Selected****Adds Vol.**ALEMTUZUMAB 30
MG/ML

Medications

10 mg

Main

Yes

Ingredient

INTRAVENOUS
SOLUTIONSODIUM
CHLORIDE 0.9 %

Base

100 mL

Yes

Yes

INTRAVENOUS
SOLUTIONDEXTROSE 5 % IN
WATER (D5W)

Base

100 mL

No

Yes

INTRAVENOUS
SOLUTION**Additional Orders****ONC NURSING COMMUNICATION 43**

Interval: Daily

Occurrences: --

Comments:

-Monitor VS (temperature, pulse, respirations, and blood pressure) every 15 minutes during Alemtuzumab infusion and for 1 hour following completion.

-Continuous oxygen saturation monitoring during Alemtuzumab infusion and for 1 hour following completion. Keep oxygen at bedside through Day 0.

-STOP INFUSION and CONTACT MD if any of the following occur: shortness of breath, wheezing, chills, severe myalgia, hypotension, rash, or chest pain.

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg

Route: oral

every 24 hours

Start: S

Instructions:

PREMED FOR ALEMTUZUMAB.

diphenhydramine (BENADRYL) injection 25 mg

Dose: 25 mg

Route: intravenous

every 24 hours

Start: S

Instructions:

PREMED for ALEMTUZUMAB.

hydrocortisone sodium succinate (Solu-CORTEF) injection 100 mg

Dose: 100 mg

Route: intravenous

every 24 hours

Instructions:

PREMED for ALEMTUZUMAB

meperidine (DEMEROL) 25 mg/mL injection 12.5 mg

Dose: 12.5 mg

Route: intravenous

every 15 min PRN for 3 doses

Line Flush**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL

Route: intravenous

PRN

Acute Graft Versus Host Prophylaxis**tacrolimus (PROGRAF) 0.02 mg/kg in dextrose 5% 250 mL infusion**

Dose: 0.02 mg/kg

Route: intravenous

every 24 hours over 24 Hours

Start: S+3 4:00 PM

Instructions:

Start Day -2.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
TACROLIMUS 5 MG/ML INTRAVENOUS SOLUTION	Medications	0.02 mg/kg	Main Ingredient	No
SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	250 mL	No	Yes
DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	250 mL	Yes	Yes

Day of Rest

ONC NURSING COMMUNICATION 48

Interval: Until discontinued Occurrences: --

Comments: Day -1.

Day 0

Perform every 1 day x1

Labs

CYTOMEGALOVIRUS ANTIGEN

Interval: Every Mon, Thu Occurrences: --

Comments: Draw on Monday and Thursday if WBC > 1

CYTOMEGALOVIRUS BY PCR

Interval: Every Mon, Thu Occurrences: --

Comments: Draw on Monday and Thursday if WBC < 1

FK506 TACROLIMUS LEVEL, RANDOM

Interval: Once Occurrences: --

Comments: Draw on Day 0

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN

Start: S

Antiemetics

ondansetron (ZOFRAN) injection 10 mg

Dose: 10 mg Route: intravenous once for 1 dose

Start: S

promethazine (PHENERGAN) injection 25 mg

Dose: 25 mg Route: intravenous every 4 hours PRN

Start: S

Pre-Medications

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Premed for TRANSPLANT

diphenhydramine (BENADRYL) injection 25 mg

Dose: 25 mg Route: intravenous once for 1 dose

Start: S

Instructions:

Premed for TRANSPLANT

**hydrocortisone sodium succinate
(Solu-CORTEF) injection 100 mg**

Dose: 100 mg Route: intravenous once for 1 dose

Instructions:

Premed for TRANSPLANT

Transplant Orders

ONC NURSING COMMUNICATION 55

Interval: Once

Occurrences: --

Comments:

-Oxygen at bedside during transplantation

-Anaphylaxis precautions at bedside during transplant:

meperidine (DEMEROL) injection 12.5 mg

Dose: 12.5 mg Route: intravenous every 15 min PRN for 3 doses

Start: S

Instructions:

Administer every 15 minutes x 3 doses PRN
for each episode of rigors (if rigors persist, call
MD).

**epiNEPHrine (ADRENALIN) 1 mg/1 mL injection
0.3 mg**

Dose: 0.3 mg Route: subcutaneous PRN

Start: S End: S+1

**diphenhydrAMINE (BENADRYL) injection 25
mg**

Dose: 25 mg Route: intravenous PRN

Start: S End: S+1

**hydrocortisone sodium succinate
(Solu-CORTEF) injection 100 mg**

Dose: 100 mg Route: intravenous PRN

Acute Graft Versus Host Prophylaxis

**tacrolimus (PROGRAF) 0.02 mg/kg in dextrose
5% 250 mL infusion**

Dose: 0.02 mg/kg Route: intravenous every 24 hours over 24 Hours

Start: S 4:00 PM

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

TACROLIMUS 5
MG/ML

Medications

0.02
mg/kg

Main
Ingredient

No

INTRAVENOUS
SOLUTION

SODIUM
CHLORIDE 0.9 % IV
SOLP

Base

250 mL

No

Yes

(EXCEL;NON-PVC)

DEXTROSE 5 % IN
WATER (D5W) IV

Base

250 mL

Yes

Yes

SOLP (EXCEL;
NON-PVC)

Day 1

Perform every 1 day x1

Labs

CYTOMEGALOVIRUS ANTIGEN

Interval: Every Mon, Thu Occurrences: --

Comments: Draw on Monday and Thursday if WBC > 1

CYTOMEGALOVIRUS BY PCR

Interval: Every Mon, Thu Occurrences: --

Comments: Draw on Monday and Thursday if WBC < 1

FK506 TACROLIMUS LEVEL, RANDOM

Interval: Every Mon, Occurrences: --
Wed, Fri

Line Flush**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL Route: intravenous PRN
Start: S

Antiemetics**ondansetron (ZOFRAN) injection 10 mg**

Dose: 10 mg Route: intravenous once for 1 dose
Start: S

promethazine (PHENERGAN) injection 25 mg

Dose: 25 mg Route: intravenous every 4 hours PRN
Start: S

Post-Transplant Orders**ONC NURSING COMMUNICATION 56**

Interval: Once Occurrences: --
Comments: -Oxygen at bedside 24 hours after transplantation
-Anaphylaxis precautions at bedside 24 hours after transplant:

meperidine (DEMEROL) injection 12.5 mg

Dose: 12.5 mg Route: intravenous every 15 min PRN for 3 doses
Start: S
Instructions:

Administer every 15 minutes x 3 doses PRN
for each episode of rigors (if rigors persist, call
MD).

**epiNEPHrine (ADRENALIN) 1 mg/1 mL injection
0.3 mg**

Dose: 0.3 mg Route: subcutaneous PRN
Start: S End: S+1

**diphenhydrAMINE (BENADRYL) injection 25
mg**

Dose: 25 mg Route: intravenous PRN
Start: S End: S+1

**hydrocortisone sodium succinate
(Solu-CORTEF) injection 100 mg**

Dose: 100 mg Route: intravenous PRN

Acute Graft Versus Host Prophylaxis**tacrolimus (PROGRAF) 0.02 mg/kg in dextrose****5% 250 mL infusion**

Dose: 0.02 mg/kg Route: intravenous every 24 hours over 24 Hours
Start: S 4:00 PM

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
TACROLIMUS 5 MG/ML INTRAVENOUS SOLUTION	Medications	0.02 mg/kg	Main Ingredient	No
SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	250 mL	No	Yes
DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	250 mL	Yes	Yes