# IP ALEMTUZUMAB

Types: ONCOLOGY TREATMENT

Synonyms: LEUKE, LEUK, ALEMT, ALEMI, INDUCTION, CAMPA, INDUC

Cycle 1	Donast 1	timo	Cycle length: 20 days	
Cycle 1 Day 1	Repeat 1	une	Cycle length: 28 days	Perform every 1 day x1
Prov	ider Communication			one more years
	ONC PROVIDER COM Interval: Once Comments:	Occurrences:	calculate dose. Adjust do than or equal to 10%.	se for weight
Labs	·			
	∠ CBC WITH PLATELET	AND DIFFERENTIAL		
	Interval: Once	Occurrences:		
		TABOLIC PANEL		
	Interval: Once	Occurrences:		
	✓ MAGNESIUM LEVEL			
	Interval: Once	Occurrences:		
	□ LDH			
	Interval: Once	Occurrences:		
	☐ URIC ACID LEVEL			
	Interval: Once	Occurrences:		
Labs				
	CYTOMEGALOVIRUS			
Lina	Interval: Once Flush	Occurrences:		
Line	sodium chloride 0.9 %	flush 20 mL		
	Dose: 20 mL Start: S	Route: intravenous	PRN	
Nurs	ing Orders			
	sodium chloride 0.9 % Dose: 250 mL Start: S Instructions: To keep vein open.	infusion 250 mL Route: intravenous	once @ 30 mL/hr for 1 c	dose
Supp	portive Care			
	ciprofloxacin HCI (CIF Dose: 500 mg Start: S 9:00 PM	PRO) tablet 500 mg Route: oral	2 times daily	
Supp	oortive Care			
	acyclovir (ZOVIRAX) t Dose: 800 mg Start: S	ablet 800 mg Route: oral	2 times daily	
Supp	oortive Care			
	sulfamethoxazole-trin 400-80 mg per tablet 1 Dose: 1 tablet Start: S	nethoprim (BACTRIM Stablet Route: oral	S) daily	
Supr	portive Care			

fluconazole (DIFLUCAN) tablet 400 mg

Dose: 400 mg Route: oral daily

Start: S 2:00 PM

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

### Chemotherapy

# $_{\odot}$ alemtuzumab (CAMPATH) 3 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 3 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a

reaction.

ingredients:	Name	туре	Dose	Selected	Adds Vol.	
	ALEMTUZUMAB 30	Medications	3 mg	Main	Yes	
	MG/ML			Ingredien	t	
	INTRAVENOUS					
	SOLUTION					
	SODIUM	Base	100 mL	Yes	Yes	
	CHLORIDE 0.9 %					
	INTRAVENOUS					
	SOLUTION					
	DEXTROSE 5 % IN	Base	100 mL	No	Yes	
	WATER (D5W)					
	INTRAVENOUS					
	SOLUTION					

## alemtuzumab (CAMPATH) chemo injection 3

mg

Dose: 3 mg Route: subcutaneous once for 1 dose Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Hematology & Oncology Hypersensitivity Reaction Standing Order

### **ONC NURSING COMMUNICATION 82**

Interval: Until discontinued Comments:

Occurrences: --

Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)

- 1. Stop the infusion.
- 2. Place the patient on continuous monitoring.
- 3. Obtain vital signs.
- 4. Administer Normal Saline at 50 mL per hour using a new bag and new intravenous tubing.
- 5. If greater than or equal to 30 minutes since the last dose of Diphenhydramine, administer Diphenhydramine 25 mg intravenous once
- 6. If less than 30 minutes since the last dose of Diphenhydramine, administer Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
- 7. Notify the treating physician.
- 8. If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe).
- 9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

#### **ONC NURSING COMMUNICATION 83**

Interval: Until discontinued Comments:

Occurrences: --

Grade 2 – MODERATE Symptoms (cardiovascular, respiratory, or gastrointestinal symptoms – shortness of breath, wheezing, nausea, vomiting, dizziness, diaphoresis, throat or chest tightness, abdominal or back pain)

- 1. Stop the infusion.
- 2. Notify the CERT team and treating physician immediately.
- 3. Place the patient on continuous monitoring.
- 4. Obtain vital signs.
- 5. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O2 saturation of greater than or equal to 92%.
- 6. Administer Normal Saline at 150 mL per hour using a new bag and new intravenous tubing.
- 7. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous), Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
- 8. If no improvement after 15 minutes, advance level of care to Grade 3 (Severe).
- 9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

#### **ONC NURSING COMMUNICATION 4**

Interval: Until discontinued Comments:

Occurrences: --

Grade 3 – SEVERE Symptoms (hypoxia, hypotension, or neurologic compromise – cyanosis or O2 saturation less than 92%, hypotension with systolic blood pressure less than 90 mmHg, confusion, collapse, loss of consciousness, or incontinence)

- 1. Stop the infusion.
- 2. Notify the CERT team and treating physician immediately.
- 3. Place the patient on continuous monitoring.
- 4. Obtain vital signs.
- 5. If heart rate is less than 50 or greater than 120, or blood pressure is less than 90/50 mmHg, place patient in reclined or flattened position.
  6. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to
- maintain O2 saturation of greater than or equal to 92%.

- 7. Administer Normal Saline at 1000 mL intravenous bolus using a new bag and new intravenous tubing.
- 8. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous) and Famotidine 20 mg intravenous once.
- 9. Administer Epinephrine (1:1000) 0.3 mg subcutaneous.
- 10. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

### diphenhydrAMINE (BENADRYL) injection 25

mg

Dose: 25 mg Route: intravenous PRN

Start: S

fexofenadine (ALLEGRA) tablet 180 mg

Dose: 180 mg Route: oral PRN

Start: S

famotidine (PEPCID) 20 mg/2 mL injection 20

mg

Dose: 20 mg Route: intravenous PRN

Start: S

hydrocortisone sodium succinate (Solu-CORTEF) injection 100 mg

Dose: 100 mg Route: intravenous PRN

dexamethasone (DECADRON) injection 4 mg

Dose: 4 mg Route: intravenous PRN

Start: S

epINEPHrine (ADRENALIN) 1 mg/10 mL ADULT

injection syringe 0.3 mg

Dose: 0.3 mg Route: subcutaneous PRN

Start: S

Discharge Nursing Orders

Dose: 20 mL Route: intravenous PRN

☑ HEParin, porcine (PF) injection 500 Units

Dose: 500 Units Route: intra-catheter once PRN

Start: S Instructions:

Concentration: 100 units/mL. Heparin flush for

Implanted Vascular Access Device

maintenance.

### Day 3 Perform every 1 day x1

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose

Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose

Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

### Chemotherapy

### alemtuzumab (CAMPATH) 10 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 10 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ALEMTUZUMAB 30	Medications	10 mg	Main	Yes
	MG/ML			Ingredient	t
	INTRAVENOUS				
	SOLUTION				
	SODIUM	Base	100 mL	Yes	Yes
	CHLORIDE 0.9 %				
	INTRAVENOUS				
	SOLUTION				
	DEXTROSE 5 % IN	Base	100 mL	No	Yes
	WATER (D5W)				
	INTRAVÈNOUS				

## alemtuzumab (CAMPATH) chemo injection 10

Dose: 10 mg once for 1 dose Route: subcutaneous

SOLUTION

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

#### Day 5 Perform every 1 day x1

### **Nursing Orders**

### sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

#### **Pre-Medications**

### acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose

Instructions:

Offset: 0 Hours

Give 30 minutes prior to chemotherapy.

### diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

#### Chemotherapy

# alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

#### Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients: Name Type Dose Selected Adds Vol.

ALEMTUZUMAB 30 Medications 30 mg Main Yes MG/ML Ingredient

INTRAVENOUS SOLUTION

SODIUM Base 100 mL Yes Yes

CHLORIDE 0.9 % INTRAVENOUS SOLUTION

DEXTROSE 5 % IN Base 100 mL No Yes

WATER (D5W) INTRAVENOUS SOLUTION

## alemtuzumab (CAMPATH) chemo injection 30

mg

Dose: 30 mg Route: subcutaneous once for 1 dose

Offset: 30 Minutes

#### Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

### Day 8 Perform every 1 day x1

Labs

### CBC WITH PLATELET AND DIFFERENTIAL

Interval: Once Occurrences: --

### ☑ COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

	- MACNEOUINA I EVEL					
	✓ MAGNESIUM LEVEL					
	Interval: Once	Occurrences:				
	□ LDH					
	Interval: Once	Occurrences:				
	☐ URIC ACID LEVEL					
	Interval: Once	Occurrences:				
Labs						
	CYTOMEGALOVIRUS A	ANTIGEN				
	Interval: Once	Occurrences:				
Nursir	ng Orders	infusion 050 ml				
	sodium chloride 0.9 % Dose: 250 mL	Route: intravenous	once @ 30 m	l /hr for 1 c	lose	
	Start: S	riodio. Intravollodo	01100 @ 00 III	L/111 101 1 C	.000	
	Instructions:					
	To keep vein open.					
Pre-M	ledications acetaminophen (TYLE)	NOL) tablet 650 mg				
	Dose: 650 mg	Route: oral	once for 1 dos	se		
			Offset: 0 Hour	rs		
	Instructions: Give 30 minutes prior	to chemotherany				
	diphenhydrAMINE (BE	• •				
	Dose: 50 mg	Route: oral	once for 1 dos			
	la stantila a s		Offset: 0 Hou	rs		
	Instructions: Give 30 minutes prior	to chemotherapy				
Chem	otherapy	to onomoundary.				
Onom	alemtuzumab (CAMPA	TH) 30 mg in sodium				
	ohloride 0.9 % 100 mL	IVPB				
	Dose: 30 mg	Route: intravenous	once over 2 H		dose	
	Instructions:		Offset: 30 Mir	utes		
		hest in the initial week of				
	treatment, decreasing	with subsequent doses.				
		break of greater than or				
	equal to 7 days, re-into lower dose and graduo					
	-					
	Assess for reaction po					
	observation period she	ey are known to cause a				
	reaction.	by are known to eaded a				
	Ingredients:	Name	Туре	Dose		Adds Vol.
		ALEMTUZUMAB 30 MG/ML	Medications	30 mg	Main Ingredient	Yes
		INTRAVENOUS			ingredient	
		SOLUTION	_			
		SODIUM CHLORIDE 0.9 %	Base	100 mL	Yes	Yes
		INTRAVENOUS				
		SOLUTION	_			.,
		DEXTROSE 5 % IN WATER (D5W)	Base	100 mL	No	Yes
		INTRAVENOUS				
		SOLUTION				

# alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg Route: subcutaneous once for 1 dose
Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 10 Perform every 1 day x1

**Nursing Orders** 

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

Chemotherapy

# alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

100 mL

No

Yes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction

Ingredients:	Name ALEMTUZUMAB 30 MG/ML INTRAVENOUS SOLUTION	<b>Type</b> Medications	<b>Dose</b> 30 mg	Selected Main Ingredient	Adds Vol. Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes

DEXTROSE 5 % IN Base

WATER (D5W) INTRAVENOUS SOLUTION

## alemtuzumab (CAMPATH) chemo injection 30

mq

Dose: 30 mg Route: subcutaneous once for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 12 Perform every 1 day x1

**Nursing Orders** 

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose

Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

Chemotherapy

alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients: Name Type Dose Selected Adds Vol.

ALEMTUZUMAB 30 Medications 30 mg Main Yes

ALEMTUZUMAB 30 Medications 30 mg Main MG/ML Ingredient

INTRAVENOUS SOLUTION

SODIUM Base 100 mL Yes Yes

CHLORIDE 0.9 %

**INTRAVENOUS** SOLUTION DEXTROSE 5 % IN Base 100 mL Yes No WATER (D5W) **INTRAVENOUS** SOLUTION alemtuzumab (CAMPATH) chemo injection 30 mg Dose: 30 mg Route: subcutaneous once for 1 dose Offset: 30 Minutes Instructions: Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up. Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction. Day 15 Perform every 1 day x1 Labs **CBC WITH PLATELET AND DIFFERENTIAL** Interval: Once Occurrences: -- □ COMPREHENSIVE METABOLIC PANEL Interval: Once Occurrences: --MAGNESIUM LEVEL Interval: Once Occurrences: -- $\sqcap$  LDH Interval: Once Occurrences: --**□ URIC ACID LEVEL** Interval: Once Occurrences: --Labs CYTOMEGALOVIRUS ANTIGEN Interval: Once Occurrences: --**Nursing Orders** sodium chloride 0.9 % infusion 250 mL Dose: 250 mL once @ 30 mL/hr for 1 dose Route: intravenous Start: S Instructions: To keep vein open. **Pre-Medications** acetaminophen (TYLENOL) tablet 650 mg Dose: 650 mg Route: oral once for 1 dose Offset: 0 Hours Instructions: Give 30 minutes prior to chemotherapy. diphenhydrAMINE (BENADRYL) tablet 50 mg Dose: 50 mg Route: oral once for 1 dose Offset: 0 Hours Instructions: Give 30 minutes prior to chemotherapy. Chemotherapy

### alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients:	Name ALEMTUZUMAB 30 MG/ML INTRAVENOUS SOLUTION	<b>Type</b> Medications	<b>Dose</b> 30 mg	Selected Main Ingredient	Adds Vol. Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	100 mL	No	Yes

# o alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg Route: subcutaneous once for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 17 Perform every 1 day x1

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

#### Chemotherapy

# alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients: Selected Adds Vol. Name **Type** Dose **ALEMTUZUMAB 30 Medications** 30 mg Main Yes MG/ML Ingredient **INTRAVENOUS** SOLUTION 100 mL Yes Yes

SODIUM Base 10 CHLORIDE 0.9 % INTRAVENOUS SOLUTION

DEXTROSE 5 % IN Base 100 mL No Yes

WATER (D5W) INTRAVENOUS SOLUTION

# o alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg Route: subcutaneous once for 1 dose
Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 19 Perform every 1 day x1

**Nursing Orders** 

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

### diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

#### Chemotherapy

## alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

#### Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ALEMTUZUMAB 30	Medications	30 mg	Main	Yes
	MG/ML			Ingredient	t
	INTRAVENOUS			_	
	SOLUTION				
	SODIUM	Base	100 mL	Yes	Yes
	CHLORIDE 0.9 %				
	INTRAVENOUS				
	SOLUTION				
	DEXTROSE 5 % IN	Base	100 mL	No	Yes
	WATER (D5W)				
	INTRAVÈNOUS				
	SOLUTION				

# O alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg

Route: subcutaneous once for 1 dose

Offset: 30 Minutes

#### Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

## Day 22 Perform every 1 day x1

Labs

### **☑ CBC WITH PLATELET AND DIFFERENTIAL**

Interval: Once Occurrences: --

### ☑ COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

### **☑ MAGNESIUM LEVEL**

Interval: Once Occurrences: --

Interval: Once Occurrences:  URIC ACID LEVEL Interval: Once Occurrences:  Labs  CYTOMEGALOVIRUS ANTIGEN Interval: Once Occurrences:  Nursing Orders  sodium chloride 0.9 % infusion 250 mL Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
Interval: Once Occurrences:  Labs  CYTOMEGALOVIRUS ANTIGEN Interval: Once Occurrences:  Nursing Orders sodium chloride 0.9 % infusion 250 mL Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
CYTOMEGALOVIRUS ANTIGEN Interval: Once Occurrences:  Nursing Orders  sodium chloride 0.9 % infusion 250 mL Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
CYTOMEGALOVIRUS ANTIGEN Interval: Once Occurrences:  Nursing Orders sodium chloride 0.9 % infusion 250 mL Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
Interval: Once Occurrences:  Nursing Orders  sodium chloride 0.9 % infusion 250 mL  Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
Nursing Orders  sodium chloride 0.9 % infusion 250 mL  Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S	
Instructions:  To keep vein open.	
Pre-Medications (TV)	
acetaminophen (TYLENOL) tablet 650 mg  Dose: 650 mg  Route: oral  Offset: 0 Hours	
Instructions: Give 30 minutes prior to chemotherapy.	
diphenhydrAMINE (BENADRYL) tablet 50 mg  Dose: 50 mg  Route: oral  Offset: 0 Hours	
Instructions: Give 30 minutes prior to chemotherapy.	
Chemotherapy	
<ul> <li>alemtuzumab (CAMPATH) 30 mg in sodium</li> <li>chloride 0.9 % 100 mL IVPB</li> </ul>	
Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose Offset: 30 Minutes	
Instructions: Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.  Assess for reaction post injection. The	
observation period should not have other infusions running if they are known to cause a reaction.	
	ed Adds Vol. Yes ent
SODIUM Base 100 mL Yes CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Yes
DEXTROSE 5 % IN Base 100 mL No WATER (D5W) INTRAVENOUS SOLUTION	Yes
alemtuzumab (CAMPATH) chemo injection 30	
Dose: 30 mg  Route: subcutaneous once for 1 dose Offset: 30 Minutes	

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 24 Perform every 1 day x1

**Nursing Orders** 

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

Chemotherapy

 alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients:

Name
Type
Dose
ALEMTUZUMAB 30 Medications 30 mg
MG/ML
INTRAVENOUS

Selected Adds Vol.
Main
Ingredient
Ingredient

Base

SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION

SOLUTION

DEXTROSE 5 % IN Base 100 mL No Yes

100 mL

Yes

Yes

WATER (D5W) INTRAVENOUS SOLUTION

# alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg Route: subcutaneous once for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Day 26 Perform every 1 day x1

**Nursing Orders** 

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Start: S Instructions:

To keep vein open.

**Pre-Medications** 

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:

Give 30 minutes prior to chemotherapy.

Chemotherapy

# alemtuzumab (CAMPATH) 30 mg in sodium chloride 0.9 % 100 mL IVPB

Dose: 30 mg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	<b>ALEMTUZUMAB 30</b>	Medications	30 mg	Main	Yes
	MG/ML			Ingredient	İ
	INTRAVENOUS				
	SOLUTION				
	SODIUM	Base	100 mL	Yes	Yes
	CHLORIDE 0.9 %				
	INTRAVENOUS				
	SOLUTION				
	DEXTROSE 5 % IN	Base	100 mL	No	Yes

### WATER (D5W) INTRAVENOUS SOLUTION

# ○ alemtuzumab (CAMPATH) chemo injection 30 mg

Dose: 30 mg Route: subcutaneous once for 1 dose Offset: 30 Minutes

### Instructions:

Risk for reaction is highest in the initial week of treatment, decreasing with subsequent doses. If there is a treatment break of greater than or equal to 7 days, re-introduce medication at lower dose and gradually escalate up.

Assess for reaction post injection. The observation period should not have other infusions running if they are known to cause a reaction.