

# IP ALEMTUZUMAB

Types: ONCOLOGY TREATMENT

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

Cycle 1	Repeat 1 time	Cycle length: 28 days
<b>Day 1</b> Perform every 1 day x1		
Provider Communication		
<b>ONC PROVIDER COMMUNICATION 5</b> Interval: Once Occurrences: -- Comments: Use baseline weight to calculate dose. Adjust dose for weight gains/losses of greater than or equal to 10%.		
Labs		
<input checked="" type="checkbox"/> <b>CBC WITH PLATELET AND DIFFERENTIAL</b> Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> <b>COMPREHENSIVE METABOLIC PANEL</b> Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> <b>MAGNESIUM LEVEL</b> Interval: Once Occurrences: --		
<input type="checkbox"/> <b>LDH</b> Interval: Once Occurrences: --		
<input type="checkbox"/> <b>URIC ACID LEVEL</b> Interval: Once Occurrences: --		
Labs		
<b>CYTOMEGALOVIRUS ANTIGEN</b> Interval: Once Occurrences: --		
Line Flush		
<b>sodium chloride 0.9 % flush 20 mL</b> Dose: 20 mL Route: intravenous PRN Start: S		
Nursing Orders		
<b>sodium chloride 0.9 % infusion 250 mL</b> Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S Instructions: To keep vein open.		
Supportive Care		
<b>ciprofloxacin HCl (CIPRO) tablet 500 mg</b> Dose: 500 mg Route: oral 2 times daily Start: S 9:00 PM		
Supportive Care		
<b>acyclovir (ZOVIRAX) tablet 800 mg</b> Dose: 800 mg Route: oral 2 times daily Start: S		
Supportive Care		
<b>sulfamethoxazole-trimethoprim (BACTRIM SS) 400-80 mg per tablet 1 tablet</b> Dose: 1 tablet Route: oral daily Start: S		
Supportive 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**
 **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.

<b>Ingredients:</b>	<b>Name</b>	<b>Type</b>	<b>Dose</b>	<b>Selected</b>	<b>Adds Vol.</b>
	ALEMTUZUMAB 30 MG/ML	Medications	3 mg	Main Ingredient	Yes
	INTRAVENOUS 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 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.

**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 O<sub>2</sub> 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 O<sub>2</sub> 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 O<sub>2</sub> 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**

**sodium chloride 0.9 % flush 20 mL**

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 MG/ML INTRAVENOUS SOLUTION	Medications	10 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	100 mL	No	Yes

**alemtuzumab (CAMPATH) chemo injection 10 mg**

Dose: 10 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 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

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 MG/ML INTRAVENOUS SOLUTION	Medications	30 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	100 mL	No	Yes

**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: --

**MAGNESIUM LEVEL**

Interval: Once Occurrences: --

**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 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 MG/ML INTRAVENOUS SOLUTION	Medications	30 mg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	100 mL	No	Yes

○ **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

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 MG/ML INTRAVENOUS SOLUTION	Medications	30 mg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
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 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:**

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

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 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: --

**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                      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



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 MG/ML INTRAVENOUS SOLUTION	Medications	30 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	100 mL	No	Yes

**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.

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

 **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: --

**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 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:**

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

**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 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:**

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

○ **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.
ALEMTUZUMAB 30 MG/ML INTRAVENOUS SOLUTION	Medications	30 mg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	100 mL	Yes	Yes
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.