

# CLL IP BENDAMUSTINE 100 / RITUXIMAB 375 (START ON DAY 1)

Types: ONCOLOGY TREATMENT

Synonyms: BENDAMUSTINE, BEND, LEUKEMIA, BENDEKA, CLL, RITUX, BR

Cycle 1	Repeat 1 time	Cycle length: 28 days
<b>Day 1</b> Perform every 1 day x1		
<b>Labs</b>		
<input checked="" type="checkbox"/>	<b>COMPREHENSIVE METABOLIC PANEL</b>	Interval: Once Occurrences: --
<input checked="" type="checkbox"/>	<b>CBC WITH PLATELET AND DIFFERENTIAL</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: --
<input type="checkbox"/>	<b>ECHOCARDIOGRAM COMPLETE W CONTRAST AND 3D IF NEEDED</b>	Interval: 1 time imaging Occurrences: --
<b>Provider Communication</b>		
	<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%.
<b>Provider Communication</b>		
	<b>ONC PROVIDER COMMUNICATION 58</b>	Interval: Once Occurrences: -- Comments: Prior to beginning Rituxan infusion, please check if a Hepatitis B and C serology has been performed within the past 6 months. Hepatitis B and C serologies results: Push F2:11554001 drawn on ***.
<b>Nursing Orders</b>		
	<b>TREATMENT CONDITIONS 7</b>	Interval: Until discontinued Occurrences: -- Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.
<b>Line Flush</b>		
	<b>sodium chloride 0.9 % flush 20 mL</b>	Dose: 20 mL Route: intravenous PRN Start: S
<b>Nursing Orders</b>		
	<b>sodium chloride 0.9 % infusion 250 mL</b>	Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Instructions: To keep vein open.

Pre-Medications

**ondansetron (ZOFTRAN) 16 mg, dexamethasone**

**(DECADRON) 12 mg in sodium chloride 0.9% 50 mL IVPB**

Dose: --

Route: intravenous

once over 15 Minutes for 1 dose

Start: S

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Yes	No
DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	12 mg	Yes	No
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

**ondansetron (ZOFTRAN) tablet 16 mg**

Dose: 16 mg

Route: oral

once for 1 dose

Start: S

**dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg

Route: oral

once for 1 dose

Start: S

**aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg

Route: intravenous

once over 30 Minutes for 1 dose

Start: S

End: S

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
APREPITANT 7.2 MG/ML INTRAVENOUS EMULSION	Medications	130 mg	Main Ingredient	Yes
DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	130 mL	Yes	Yes
SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	130 mL	No	Yes

Chemotherapy

**bendamustine (BENDEKA) 100 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB**

Dose: 100 mg/m2

Route: intravenous

once over 10 Minutes for 1 dose

Offset: 30 Minutes

Instructions:

VESICANT

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
BENDAMUSTINE 25 MG/ML INTRAVENOUS SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	50 mL	Yes	Yes

CHLORIDE 0.9 %  
INTRAVENOUS  
SOLUTION

Rituximab Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg                      Route: oral                      once for 1 dose

Start: S

Instructions:

Give 30 minutes before rituximab infusion.

**diphenhydramine (BENADRYL) injection 25 mg**

Dose: 25 mg                      Route: intravenous                      once for 1 dose

Start: S

Instructions:

Give 30 minutes before rituximab infusion.

**sodium chloride 0.9 % infusion 500 mL**

Dose: 500 mL                      Route: intravenous                      continuous

Start: S

Pharmacy Consult

**PHARMACY CONSULT TO SCREEN FOR  
RAPID RITUXIMAB INFUSION**

Interval: --                      Occurrences: --

Chemotherapy

**RiTUXimab (PF) (RITUXAN) 375 mg/m<sup>2</sup> in**

- sodium chloride 0.9% INITIAL INFUSION RATE  
IVPB**

Dose: 375 mg/m<sup>2</sup>                      Route: intravenous                      once for 1 dose  
Offset: 60 Minutes

Instructions:

Initiate infusion at rate of 50 mg/hour. In the absence of infusion toxicity (SBP within 20 mmHG of baseline, PULSE between 60 and 120 and TEMP less than 38 degrees C, and no symptoms), then increase infusion rate by 50 mg/hour every 30 minutes, to a maximum rate of 400 mg/hour.

**Ingredients:**

<b>Name</b>	<b>Type</b>	<b>Dose</b>	<b>Selected</b>	<b>Adds Vol.</b>
RITUXIMAB 10 MG/ML CONCENTRATE, IN TRAVENOUS	Medications	375 mg/m <sup>2</sup>	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base		Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

- RiTUXimab (PF) (RITUXAN) in sodium chloride  
0.9% NON-INITIAL INFUSION IVPB**

Dose: --                      Route: intravenous                      once for 1 dose  
Offset: 60 Minutes

Instructions:

Initiate infusion rate at a 100 mg/hour. In the absence of infusion toxicity (SBP within 20 mmHG of baseline, PULSE between 60 and 120 and TEMP less than 38 degrees C, and no symptoms), increase rate by 100 mg/hour increments at 30 minute intervals, to a

maximum rate of 400 mg/hour.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS SOLUTION	Medications		Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base		Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

**RiTUXImab (PF) (RITUXAN) 375 mg/m2 in sodium chloride 0.9% 250 mL RAPID INFUSION RATE IVPB**

Dose: 375 mg/m2      Route: intravenous      once over 90 Minutes for 1 dose  
Offset: 60 Minutes

**Instructions:**

RAPID INFUSION RATE: Initiate infusion at a rate of 100mL/hour. After 30 minutes, in the absence of infusion reactions (SBP within 20 mmHg of baseline, PULSE between 60 and 120 and Temp less than 38 degrees C, and no symptoms), increase the infusion rate to 200mL/hour. This infusion should take 90 minutes to administer.

**Reaction grades:**

Grade 3 Reaction: Prolonged (e.g., not rapidly responsive to symptomatic medication and/or brief interruption of infusion); recurrence of symptoms following initial improvement; hospitalization indicated for clinical sequelae (e.g., renal impairment, pulmonary infiltrates).

Grade 4 Reaction: Life-threatening consequences; urgent intervention indicated (e.g., vasopressors or ventilator support).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS SOLUTION	Medications	375 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes

**Rituximab Instructions**

**VITAL SIGNS - T/P/R/BP PER UNIT PROTOCOL**

Interval: Until discontinued

Occurrences: --

**Comments:**

- 1) During Rituximab infusion:
  - Vitals every 15 minutes during 1st hour of infusion, THEN
  - Every 30 minutes for 1 hour, THEN

-Every hour until end of infusion  
-Call MD if SBP less than 90, pulse less than 60 or greater than 120, temperature greater than 38.5 degrees C

**ONC NURSING COMMUNICATION 26**

Interval: Until discontinued

Occurrences: --

Comments:

2) Infuse antibody via pump  
3) If any of the following occurs: FEVER (temperature greater than 38.5 degrees Celsius), RIGORS, HYPOTENSION (30mm Hg decrease from baseline), and/or MUCOSAL CONGESTION / EDEMA, HOLD infusion until improvement of symptoms (When symptoms improve, resume infusion at HALF the previous rate)

Rituximab Infusion Reaction Orders

**meperidine (DEMEROL) injection 12.5 mg**

Dose: 12.5 mg      Route: intravenous      once PRN  
Start: S

**diphenhydrAMINE (BENADRYL) injection 25 mg**

Dose: 25 mg      Route: intravenous      once PRN  
Start: S

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

Dose: 100 mg      Route: intravenous      once PRN

**famotidine (PEPCID) injection 20 mg**

Dose: 20 mg      Route: intravenous      once PRN  
Start: S

Rituximab Additional Orders

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

Dose: 0.3 mg      Route: intramuscular      once 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 2**

Perform every 1 day x1

Labs

**BASIC METABOLIC PANEL**

Interval: Once      Occurrences: --

Nursing Orders

**TREATMENT CONDITIONS 7**

Interval: Until discontinued      Occurrences: --

Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

Line Flush

**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL                      Route: intravenous                      PRN  
 Start: S

**Nursing Orders****sodium chloride 0.9 % infusion 250 mL**

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

Instructions:  
 To keep vein open.

**Pre-Medications**

**ondansetron (ZOFTRAN) 16 mg, dexamethasone (DECADRON) 12 mg in sodium chloride 0.9% 50 mL IVPB**

Dose: --                                      Route: intravenous                      once over 15 Minutes for 1 dose  
 Start: S

<b>Ingredients:</b>	<b>Name</b>	<b>Type</b>	<b>Dose</b>	<b>Selected</b>	<b>Adds Vol.</b>
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Yes	No
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	12 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

**ondansetron (ZOFTRAN) tablet 16 mg**

Dose: 16 mg                      Route: oral                      once for 1 dose  
 Start: S

**dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg                      Route: oral                      once for 1 dose  
 Start: S

**aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg                      Route: intravenous                      once over 30 Minutes for 1 dose  
 Start: S                                      End: S

<b>Ingredients:</b>	<b>Name</b>	<b>Type</b>	<b>Dose</b>	<b>Selected</b>	<b>Adds Vol.</b>
	APREPITANT 7.2 MG/ML INTRAVENOUS EMULSION	Medications	130 mg	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	130 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	130 mL	No	Yes

**Chemotherapy**

**bendamustine (BENDEKA) 100 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB**

Dose: 100 mg/m2      Route: intravenous      once over 10 Minutes for 1 dose  
Offset: 30 Minutes

Instructions:  
VESICANT

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
BENDAMUSTINE 25 MG/ML INTRAVENOUS SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes

**Cycles 2,3**

Repeat 2 times

Cycle length: 28 days

**Day 1**

Perform every 1 day x1

Labs

**COMPREHENSIVE METABOLIC PANEL**

Interval: Once      Occurrences: --

**CBC WITH PLATELET AND DIFFERENTIAL**

Interval: Once      Occurrences: --

**MAGNESIUM LEVEL**

Interval: Once      Occurrences: --

**LDH**

Interval: Once      Occurrences: --

**URIC ACID LEVEL**

Interval: Once      Occurrences: --

**ECHOCARDIOGRAM COMPLETE W  
CONTRAST AND 3D IF NEEDED**

Interval: 1 time imaging      Occurrences: --

Nursing Orders

**TREATMENT CONDITIONS 7**

Interval: Until discontinued      Occurrences: --

Comments:      HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

Line Flush

**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL      Route: intravenous      PRN  
Start: S

Nursing Orders

**sodium chloride 0.9 % infusion 250 mL**

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

Instructions:  
To keep vein open.

Pre-Medications

**ondansetron (ZOFTRAN) 16 mg, dexamethasone  
(DECADRON) 12 mg in sodium chloride 0.9%  
50 mL IVPB**

Dose: --      Route: intravenous      once over 15 Minutes for 1 dose  
Start: S

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
ONDANSETRON	Medications	16 mg	Yes	No

HCL (PF) 4 MG/2 ML INJECTION SOLUTION  
 DEXAMETHASONE Medications 12 mg Yes No  
 4 MG/ML INJECTION SOLUTION  
 SODIUM Base 50 mL Always Yes  
 CHLORIDE 0.9 % INTRAVENOUS SOLUTION  
 DEXTROSE 5 % IN Base No Yes  
 WATER (D5W) INTRAVENOUS SOLUTION

**ondansetron (ZOFRAN) tablet 16 mg**

Dose: 16 mg Route: oral once for 1 dose  
 Start: S

**dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg Route: oral once for 1 dose  
 Start: S

**aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg Route: intravenous once over 30 Minutes for 1 dose  
 Start: S End: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	APREPITANT 7.2 MG/ML INTRAVENOUS EMULSION	Medications	130 mg	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	130 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	130 mL	No	Yes

Chemotherapy

**bendamustine (BENDEKA) 100 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB**

Dose: 100 mg/m2 Route: intravenous once over 10 Minutes for 1 dose  
 Offset: 30 Minutes

Instructions:  
 VESICANT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	BENDAMUSTINE 25 MG/ML INTRAVENOUS SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes

Rituximab Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg Route: oral once for 1 dose  
 Start: S



Instructions:

Give 30 minutes before rituximab infusion.

**diphenhydrAMINE (BENADRYL) injection 25 mg**

Dose: 25 mg                      Route: intravenous                      once for 1 dose

Start: S

Instructions:

Give 30 minutes before rituximab infusion.

**sodium chloride 0.9 % infusion 500 mL**

Dose: 500 mL                      Route: intravenous                      continuous

Start: S

Pharmacy Consult

**PHARMACY CONSULT TO SCREEN FOR RAPID RITUXIMAB INFUSION**

Interval: --                      Occurrences: --

Chemotherapy

**RiTUXimab (PF) (RITUXAN) in sodium chloride 0.9% NON-INITIAL INFUSION IVPB**

Dose: --                      Route: intravenous                      once for 1 dose  
Offset: 60 Minutes

Instructions:

Initiate infusion rate at a 100 mg/hour. In the absence of infusion toxicity (SBP within 20 mmHG of baseline, PULSE between 60 and 120 and TEMP less than 38 degrees C, and no symptoms), increase rate by 100 mg/hour increments at 30 minute intervals, to a maximum rate of 400 mg/hour.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS	Medications		Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base		Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

**RiTUXimab (PF) (RITUXAN) 375 mg/m2 in sodium chloride 0.9% 250 mL RAPID INFUSION RATE IVPB**

Dose: 375 mg/m2                      Route: intravenous                      once over 90 Minutes for 1 dose  
Offset: 60 Minutes

Instructions:

RAPID INFUSION RATE: Initiate infusion at a rate of 100mL/hour. After 30 minutes, in the absence of infusion reactions (SBP within 20 mmHg of baseline, PULSE between 60 and 120 and Temp less than 38 degrees C, and no symptoms), increase the infusion rate to 200mL/hour. This infusion should take 90 minutes to administer.

Reaction grades:

Grade 3 Reaction: Prolonged (e.g., not rapidly

responsive to symptomatic medication and/or brief interruption of infusion); recurrence of symptoms following initial improvement; hospitalization indicated for clinical sequelae (e.g., renal impairment, pulmonary infiltrates).

Grade 4 Reaction: Life-threatening consequences; urgent intervention indicated (e.g., vasopressors or ventilator support).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, IN TRAVENOUS SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Medications	375 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
		QS Base		No	Yes

#### Rituximab Instructions

##### VITAL SIGNS - T/P/R/BP PER UNIT PROTOCOL

Interval: Until discontinued

Occurrences: --

Comments:

- 1) During Rituximab infusion:
  - Vitals every 15 minutes during 1st hour of infusion, THEN
  - Every 30 minutes for 1 hour, THEN
  - Every hour until end of infusion
  - Call MD if SBP less than 90, pulse less than 60 or greater than 120, temperature greater than 38.5 degrees C

##### ONC NURSING COMMUNICATION 26

Interval: Until discontinued

Occurrences: --

Comments:

- 2) Infuse antibody via pump
- 3) If any of the following occurs: FEVER (temperature greater than 38.5 degrees Celsius), RIGORS, HYPOTENSION (30mm Hg decrease from baseline), and/or MUCOSAL CONGESTION / EDEMA, HOLD infusion until improvement of symptoms (When symptoms improve, resume infusion at HALF the previous rate)

#### Rituximab Infusion Reaction Orders

##### meperidine (DEMEROL) injection 12.5 mg

Dose: 12.5 mg

Route: intravenous

once PRN

Start: S

##### diphenhydrAMINE (BENADRYL) injection 25 mg

Dose: 25 mg

Route: intravenous

once PRN

Start: S

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

Dose: 100 mg

Route: intravenous

once PRN

##### famotidine (PEPCID) injection 20 mg

Dose: 20 mg

Route: intravenous

once PRN

Start: S

#### Rituximab Additional Orders

##### epINEPHrine (ADRENALIN) 1 mg/1 mL injection

**0.3 mg**

Dose: 0.3 mg

Route: intramuscular

once 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 2

Perform every 1 day x1

## Labs

**BASIC METABOLIC PANEL**

Interval: Once

Occurrences: --

## Nursing Orders

**TREATMENT CONDITIONS 7**

Interval: Until

Occurrences: --

discontinued

Comments:

HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

## Line Flush

**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL

Route: intravenous

PRN

Start: S

## Nursing Orders

**sodium chloride 0.9 % infusion 250 mL**

Dose: 250 mL

Route: intravenous

once @ 30 mL/hr for 1 dose

Instructions:

To keep vein open.

## Pre-Medications

**ondansetron (ZOFTRAN) 16 mg, dexamethasone** **(DECADRON) 12 mg in sodium chloride 0.9%****50 mL IVPB**

Dose: --

Route: intravenous

once over 15 Minutes for 1 dose

Start: S

**Ingredients:****Name****Type****Dose****Selected****Adds Vol.**

ONDANSETRON

Medications

16 mg

Yes

No

HCL (PF) 4 MG/2

ML INJECTION

SOLUTION

DEXAMETHASONE Medications

12 mg

Yes

No

4 MG/ML

INJECTION

SOLUTION

SODIUM

Base

50 mL

Always

Yes

CHLORIDE 0.9 %

INTRAVENOUS

SOLUTION

DEXTROSE 5 % IN Base

No

Yes

WATER (D5W)

INTRAVENOUS

SOLUTION

**ondansetron (ZOFTRAN) tablet 16 mg**

Dose: 16 mg                      Route: oral                      once for 1 dose  
Start: S

**dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg                      Route: oral                      once for 1 dose  
Start: S

**aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg                      Route: intravenous                      once over 30 Minutes for 1 dose  
Start: S                      End: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	APREPITANT 7.2 MG/ML INTRAVENOUS EMULSION	Medications	130 mg	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	130 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	130 mL	No	Yes

Chemotherapy

**bendamustine (BENDEKA) 100 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB**

Dose: 100 mg/m2                      Route: intravenous                      once over 10 Minutes for 1 dose  
Offset: 30 Minutes

Instructions:  
VESICANT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	BENDAMUSTINE 25 MG/ML INTRAVENOUS SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes