

OP IBRITUMOMAB (ZEVALIN Y-90)

Types: ONCOLOGY TREATMENT

Synonyms: IBRITU, ZEVA, Y90, Y-90, RITUX

Cycle 1	Repeat 1 time	Cycle length: 8 days
Wednesday Morning	Perform every 1 day x1	
Appointment Requests		
	INFUSION APPOINTMENT REQUEST	
	Interval: --	Occurrences: --
Nursing Orders		
	TREATMENT CONDITIONS 31	
	Interval: --	Occurrences: --
	Comments:	Please fax relevant patient information to Nuclear Medicine to 713-441-4080.
	Bone Marrow results:	
	1. Must be less than 25% involvement with tumor	
	2. Must not be hypocellular (must be > 15% cellularity; no marked reduction in precursors)	
	CBC	
	1. Platelets must be > 100,000	
	2. Neutrophils must be > 1,500	
	Tissue diagnosis	
	No prior myeloablative therapies; no failed stem cell collection	
Nursing Orders		
	ONC NURSING COMMUNICATION 118	
	Interval: --	Occurrences: --
	Comments:	Call Nuclear Medicine before administration.
Provider Communication		
	ONC PROVIDER COMMUNICATION 58	
	Interval: --	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 ***.
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
	Start: S	
	Instructions:	
	To keep vein open.	
Rituximab Pre-Medications		
	acetaminophen (TYLENOL) tablet 650 mg	
	Dose: 650 mg	Route: oral once for 1 dose
	Start: S	
	Instructions:	

Give 30 minutes before infusion.

diphenhydramine (BENADRYL) injection 25 mg

Dose: 25 mg Route: intravenous once for 1 dose
Start: S
Instructions:
Give 30 minutes before infusion.

Chemotherapy

Rituximab (PF) (RITUXAN) 250 mg/m2 in sodium chloride 0.9 % IVPB

Dose: 250 mg/m2 Route: intravenous once for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Medications	250 mg/m2	Main Ingredient	Yes
		QS Base		Yes	Yes

Rituximab Instructions

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

Interval: -- 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: -- Occurrences: --
Comments: 2) Infuse antibody via pump
3) If any of the following occurs: FEVER (T greater than 38.5 degrees C), 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 25 mg

Dose: 25 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.

Wednesday Following Week (or Tuesday)

Perform every 1 day x1

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Nursing Orders

NM ZEVALIN TREATMNT THERAPY

Interval: -- Occurrences: --

Comments: 1-4 hours later: inject Y-90 Zevalin - NUCLEAR MEDICINE

Max dose: 32 mCi

--- 0.4 mCi/kg for patients with normal platelet count

--- 0.3 mCi/kg for patients with platelets: 100K - 149K

Phone Numbers:

Nuclear Medicine

--Technologist: 713-441-2288

--Scheduling/assistance: 713-441-2282

--Physician: 713-441-4867 or -4868

Provider Communication

ONC PROVIDER COMMUNICATION 58

Interval: -- 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 ***.

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

Start: S

Instructions:

To keep vein open.

Rituximab Pre-Medications

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Give 30 minutes before infusion.

**diphenhydramine (BENADRYL) injection 25
mg**

Dose: 25 mg Route: intravenous once for 1 dose
 Start: S
 Instructions:
 Give 30 minutes before infusion.

Chemotherapy

RiTUXImab (PF) (RITUXAN) 250 mg/m2 in sodium chloride 0.9 % 0 mL IVPB

Dose: 250 mg/m2 Route: intravenous once for 1 dose

Instructions:
 Inject rituximab 250 mg/m2 IV -
 CHEMOTHERAPY UNIT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Medications	250 mg/m2	Main Ingredient	Yes
		Base		Yes	Yes

Rituximab Instructions

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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

ONC NURSING COMMUNICATION 76

Interval: -- Occurrences: --
Comments: Discontinue IV.

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.