

IP TEMOZOLOMIDE / RITUXIMAB

Types: ONCOLOGY TREATMENT

Synonyms: CNS, LYMPH, RITUX, RITUXAN, 28, TEMODAR, TEMOZOLOMIDE

Cycle 1	Repeat 1 time	Cycle length: 28 days
Day 1 Perform every 1 day x1		
Labs		
<input checked="" type="checkbox"/>	CBC WITH PLATELET AND DIFFERENTIAL	Interval: Once Occurrences: --
<input checked="" type="checkbox"/>	COMPREHENSIVE METABOLIC PANEL	Interval: Once Occurrences: --
<input checked="" type="checkbox"/>	MAGNESIUM LEVEL	Interval: Once Occurrences: --
<input type="checkbox"/>	LDH	Interval: Once Occurrences: --
<input type="checkbox"/>	URIC ACID LEVEL	Interval: Once Occurrences: --
Provider Communication		
	ONC PROVIDER COMMUNICATION 58	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 ***.
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.
Pre-Medications		
<input checked="" type="checkbox"/>	ondansetron (ZOFRAN) tablet 8 mg	Dose: 8 mg Route: oral once for 1 dose
	Start: S	
	Instructions:	Administer 30 minutes before chemotherapy.
<input type="checkbox"/>	ondansetron (ZOFRAN) injection 8 mg	Dose: 8 mg Route: intravenous once for 1 dose
	Start: S	
	Instructions:	Administer 30 minutes before chemotherapy.
Chemotherapy		

⊙ **temozolomide (TEMODAR) chemo capsule 150 mg/m2/day (Treatment Plan)**

Dose: 150 mg/m2/day Route: oral once for 1 dose

Start: S

Instructions:

CYTOTOXIC AGENT/DO NOT OPEN OR CRUSH. Swallow whole.

○ **temozolomide (TEMODAR) 150 mg/m2 in sterile water chemo IVPB**

Dose: 150 mg/m2 Route: intravenous once over 90 Minutes for 1 dose

Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	TEMOZOLOMIDE 100 MG	Medications	150 mg/m2	Main Ingredient	No
	INTRAVENOUS SOLUTION WATER FOR INJECTION, STERILE INTRAVENOUS SOLUTION	Base		Always	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) 375 mg/m2 in sodium chloride 0.9% INITIAL INFUSION RATE IVPB

Dose: 375 mg/m2 Route: intravenous once for 1 dose

Offset: 2 Hours

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:	Name	Type	Dose	Selected	Adds Vol.
	RITUXIMAB 10 MG/ML CONCENTRATE, INTRAVENOUS	Medications	375 mg/m2	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: 2 Hours

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: 2 Hours

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.
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RITUXIMAB 10 MG/ML CONCENTRATE, IN TRAVENOUS	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 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.

Days 2,3,4,5

Perform every 1 day x4

Pre-Medications

ondansetron (ZOFRAN) tablet 8 mg

Dose: 8 mg Route: oral once for 1 dose
Start: S
Instructions:
Administer 30 minutes before chemotherapy.

ondansetron (ZOFRAN) injection 8 mg

Dose: 8 mg Route: intravenous once for 1 dose
Start: S
Instructions:
Administer 30 minutes before chemotherapy.

Chemotherapy

temozolomide (TEMODAR) chemo capsule 150 mg/m2/day (Treatment Plan)

Dose: 150 mg/m2/day Route: oral once for 1 dose
Start: S
Instructions:
CYTOTOXIC AGENT/DO NOT OPEN OR
CRUSH. Swallow whole.

temozolomide (TEMODAR) 150 mg/m2 in sterile water chemo IVPB

Dose: 150 mg/m2 Route: intravenous once over 90 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	TEMOZOLOMIDE 100 MG INTRAVENOUS SOLUTION	Medications	150 mg/m2	Main Ingredient	No
	WATER FOR INJECTION, STERILE INTRAVENOUS SOLUTION	Base		Always	Yes