

Regimen Reference Order – LYMP – ritUXImab desensitization

ritUXImab desensitization protocol is prescribed in combination with a ritUXImab-based protocol

Planned Course: Refer to prescribed ritUXImab-based protocol

Indication for Use: Eligible patients with Grade 3 or 4 infusion reactions to ritUXImab

CVAD: Refer to prescribed ritUXImab-based protocol

Proceed with treatment if:

❖ Refer to prescribed ritUXImab-based protocol

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
<i>Refer to prescribed ritUXImab-based protocol</i>		

Treatment Regimen – LYMP – rituximab desensitization

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
BAG 1 (Steps 1 to 4)		
acetaminophen	650 mg	Orally 30 minutes prior to ritUXImab
dexamethasone	20 to 40 mg	IV in normal saline 50 mL over 15 minutes
diphenhydrAMINE	50 mg	IV in normal saline 50 mL over 15 minutes
ranITidine	50 mg	IV in normal saline 50 mL over 15 minutes
ritUXImab	3.75 mg/m ²	IV in normal saline 250 mL Step 1: 2 mL/hour for 15 minutes, then Step 2: 5 mL/hour 15 minutes, then Step 3: 10 mL/hour for 15 minutes, then Step 4: 20 mL/hour for 15 minutes Discard remainder of BAG 1 and proceed <i>immediately</i> to infusion of BAG 2 <i>*Nursing Alert: IV tubing is primed with ritUXImab</i>

BAG 2 (Steps 5 to 8)		
riTUXimab	37.5 mg/m ²	IV in normal saline 250 mL Step 5: 5 mL/hour 15 minutes, then Step 6: 10 mL/hour for 15 minutes, then Step 7: 20 mL/hour for 15 minutes, then Step 8: 40 mL/hour for 15 minutes Discard remainder of BAG 2 and proceed <i>immediately</i> to infusion of BAG 3 <i>*Nursing Alert: IV tubing is primed with ritUXimab</i>
BAG 3 (Steps 9 to 12)		
diphenhydrAMINE	25 mg	Orally to be given immediately prior to BAG 3 <i>If patient had a reaction to BAG 1 or BAG 2 and received an additional dose of diphenhydrAMINE, contact prescriber to determine if dose required pre BAG 3</i>
riTUXimab	372 mg/m ²	IV in normal saline 250 mL Step 9: 10 mL/hour for 15 minutes, then Step 10: 20 mL/hour for 15 minutes, then Step 11: 40 mL/hour for 15 minutes, then Step 12: 80 mL/hour until infusion is complete <i>*Nursing Alert: IV tubing is primed with ritUXimab</i>

Flush after BAG 3:

- 50 mL over 6 minutes (500 mL/hr)

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

- Full vital signs (temperature, heart rate, respiration, blood pressure and O₂ saturation) prior to each ritUXimab infusion and as clinically indicated
- No observation period is required
- Patient can be discharged from treatment room if stable whether they have had a reaction or not

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
Not Applicable		

DISCHARGE INSTRUCTIONS

- Refer to prescribed ritUXimab-based protocol
- Patients should be instructed to contact their treating physician immediately if symptoms that are suggestive of severe hypersensitivity reactions or cytokine release syndrome occur at any time after drug administration

ADDITIONAL INFORMATION

- **Every ritUXimab dose must be given using ritUXimab desensitization protocol**
- Hematologist must write first prescription of ritUXimab desensitization protocol