

Regimen Reference Order – cemiplimab desensitization

Desensitization protocol is prescribed in combination with a cemiplimab protocol

ARIA: SUPP – [cemiplimab q21 d (desens)]

Planned Course: Refer to prescribed cemiplimab-based protocol

Indication for Use: Eligible patients with previous hypersensitivity reactions to cemiplimab

Drug Alert: Immune Checkpoint Inhibitor

Alert: Desensitization protocol

cemiplimab

- *cemiplimab is prepared in 3 separate bags with a total volume of 50 mL in BAG 1, 50 mL in BAG 2 and 100 mL in BAG 3*
- *IV tubing is primed with cemiplimab*
- *cemiplimab is administered slowly following specified rate increases. cemiplimab infusion takes approximately 4.5 hours to complete*

CVAD: At Provider's Discretion

Blood work requirements:

- ❖ *Refer to prescribed cemiplimab-based protocol*

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

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

Treatment Regimen – cemiplimab desensitization

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Day 1		
cetirizine	20 mg	Orally 1 hour prior to cemiplimab
acetylsalicylic acid	650 mg	Orally 1 hour prior to cemiplimab
montelukast	10 mg	Orally 1 hour prior to cemiplimab
acetaminophen	975 mg	Orally 1 hour prior to cemiplimab
hydrocortisone	100 mg	IV in normal saline 50 mL over 15 minutes 1 hour prior to cemiplimab <i>*Nursing Alert: cemiplimab starts 1 hour after completion of hydrocortisone infusion</i>

Wait 1 hour after completion of IV pre-medication(s) before starting cemiplimab		
cemiplimab	5 mg (0.1 mg/mL) (BAG 1)	<p>IV in normal saline 50 mL following the administration rates below:</p> <p>Step 1: 2 mL/hour for 15 minutes, then</p> <p>Step 2: 5 mL/hour for 15 minutes, then</p> <p>Step 3: 10 mL/hour for 15 minutes, then</p> <p>Step 4: 20 mL/hour for 15 minutes</p> <p>Once step 4 is complete, discard remainder of bag and proceed immediately to bag 2</p> <p><i>Use 0.2 or 0.22 micron filter</i></p> <p><i>*Alert:</i> Pharmacy to ensure final volume in bag = 50 mL</p> <p><i>*Nursing Alert:</i> IV tubing is primed with cemiplimab</p>
	15 mg (0.3 mg/mL) (BAG 2)	<p>IV in normal saline 50 mL following the administration rates below:</p> <p>Step 5: 5 mL/hour for 15 minutes, then</p> <p>Step 6: 10 mL/hour for 15 minutes, then</p> <p>Step 7: 20 mL/hour for 15 minutes, then</p> <p>Step 8: 40 mL/hour for 15 minutes</p> <p>Once step 8 is complete, discard remainder of bag and proceed immediately to bag 3</p> <p><i>Use 0.2 or 0.22 micron filter</i></p> <p><i>*Alert:</i> Pharmacy to ensure final volume in bag = 50 mL</p> <p><i>*Nursing Alert:</i> IV tubing is primed with cemiplimab</p>
	330 mg (3.3 mg/mL) (BAG 3)	<p>IV in normal saline 100 mL following the administration rates below:</p> <p>Step 9: 10 mL/hour for 15 minutes, then</p> <p>Step 10: 20 mL/hour for 15 minutes, then</p> <p>Step 11: 40 mL/hour for 15 minutes, then</p> <p>Step 12: 80 mL/hour until infusion is complete</p> <p><i>Use 0.2 or 0.22 micron filter</i></p> <p><i>*Alert:</i> Pharmacy to ensure final volume in bag = 100 mL</p> <p><i>*Nursing Alert:</i> IV tubing is primed with cemiplimab</p>

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

REQUIRED MONITORING

All Cycles

- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O₂ saturation) at baseline and as clinically indicated
- No observation period is required after cemiplimab administration. Patient can be discharged from treatment room if stable whether they had a reaction or not
- Refer to the prescribed cemiplimab-based protocol for additional monitoring

Recommended Support Medications

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

DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity occur after discharge
- Confirm that patient has received the CCMB Immune Checkpoint Inhibitor Medical Alert wallet card
- Refer to the prescribed cemiplimab-based protocol for additional discharge instructions

ADDITIONAL INFORMATION

- Oncologist must write first prescription of cemiplimab desensitization protocol
- Once the patient requires cemiplimab desensitization protocol, all subsequent cemiplimab doses must be given using cemiplimab desensitization protocol
- Refer to the prescribed cemiplimab-based protocol for additional cemiplimab information
- Support protocol is available under **cemiplimab** in the “Desensitization” folder
- Site restrictions may be in place for cemiplimab desensitization