

Regimen Reference Order – paclitaxel-protein bound desensitization

Desensitization protocol is prescribed in combination with a paclitaxel-protein bound-based protocol

To order this therapy in ARIA, refer to ADDITIONAL INFORMATION

Planned Course: Refer to prescribed paclitaxel-protein bound-based protocol

Indication for Use: Eligible patients with previous hypersensitivity reactions to paclitaxel-protein bound

Alert: Desensitization protocol

paclitaxel-protein bound:

- *paclitaxel-protein bound is prepared undiluted in 1 bag by Pharmacy*
- *Total volume in bag will be determined by patient's dose*
- *IV tubing is primed with paclitaxel-protein bound (Cytotoxic)*
- *paclitaxel-protein bound is administered slowly following specified rate increases*

CVAD: At Provider's Discretion

Blood work requirements:

- ❖ *Refer to prescribed paclitaxel-protein bound-based protocol*

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
<i>Refer to prescribed paclitaxel-protein bound-based protocol</i>		

Treatment Regimen – paclitaxel-protein bound desensitization

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Administration of paclitaxel-protein bound by desensitization is used in place of paclitaxel-protein bound by standard administration in the prescribed protocol. Follow the sequence of drug administration of the prescribed paclitaxel-protein bound-based protocol		
Antiemetics	Refer to prescribed paclitaxel-protein bound-based protocol	
montelukast	10 mg	Orally 1 hour prior to paclitaxel-protein bound
cetirizine	20 mg	Orally 1 hour prior to paclitaxel-protein bound

dexamethasone	20 mg	IV in normal saline 50 mL over 15 minutes 1 hour prior to paclitaxel-protein bound <i>*Nursing Alert: paclitaxel-protein bound starts 1 hour after completion of dexamethasone infusion</i>
Wait 1 hour after completion of IV pre-medication(s) before starting paclitaxel-protein bound		
paclitaxel-protein bound (nab-PACLitaxel)	Dose as specified in protocol	IV (administered undiluted) following the administration rates below: Step 1: 2 mL/hour for 15 minutes, then Step 2: 3 mL/hour for 15 minutes, then Step 3: 4 mL/hour for 15 minutes, then Step 4: 5 mL/hour for 15 minutes, then Step 5: 7.5 mL/hour for 15 minutes, then Step 6: 15 mL/hour for 15 minutes, then Step 7: 30 mL/hour for 15 minutes, then Step 8: 40 mL/hour for 15 minutes, then Step 9: 50 mL/hour for 15 minutes, then Step 10: 60 mL/hour for 15 minutes, then Once step 10 is complete, increase rate by 10 mL/hour every 15 minutes until infusion is complete <i>*Nursing Alert: IV tubing is primed with paclitaxel-protein bound</i> <i>*Alert: Pharmacy to ensure final volume on label</i>

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 paclitaxel-protein bound administration. Patient can be discharged from treatment room if stable whether they had a reaction or not
- Refer to the prescribed paclitaxel-protein bound-based protocol for additional monitoring

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
Refer to prescribed paclitaxel-protein bound-based protocol		

DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity reactions occur after discharge
- Refer to the prescribed paclitaxel-protein bound-based protocol for additional instructions
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- paclitaxel-protein bound is also called ABRIXANE®, paclitaxel albumin bound, nab-PACLitaxel or PACLitaxel nanoparticle albumin bound
- Oncologist must write first prescription of paclitaxel-protein bound desensitization protocol
- Once the patient requires paclitaxel-protein bound desensitization protocol, all subsequent paclitaxel-protein bound doses must be given using paclitaxel-protein bound desensitization protocol
- Refer to the prescribed paclitaxel-protein bound-based protocol for additional paclitaxel-protein bound information
- **ARIA ordering:** Support protocol is available under **pacl-protein bound** in the “Desensitization” folder
- Due to the duration of treatment, administration site restrictions may be in place for paclitaxel-protein bound desensitization