

## Regimen Reference Order – SARC – PACLitaxel

ARIA: SARC - [PACLitaxel]

Planned Course: Every 28 days until disease progression or unacceptable toxicity

Indication for Use: Sarcoma

CVAD: At Provider's Discretion

### **Proceed with treatment if:**

- ANC equal to or greater than  $1.5 \times 10^9/L$  AND Platelets equal to or greater than  $75 \times 10^9/L$
  - AST and ALT less than 10 times upper limit of normal
  - Total bilirubin less than 5 times upper limit of normal
- ❖ Contact Physician if parameters not met

## SEQUENCE OF MEDICATION ADMINISTRATION

### Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

### Treatment Regimen – SARC – PACLitaxel

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
<b>Days 1, 8 and 15</b>		
cetirizine	20 mg	Orally 1 hour prior to PACLitaxel
dexamethasone	20 mg	IV in normal saline 50 mL over 15 minutes <b>1 hour</b> prior to PACLitaxel <i>*Nursing Alert: PACLitaxel starts 1 hour after completion of dexamethasone infusion</i>
<b>Wait 1 hour after completion of IV pre-medication(s) before starting PACLitaxel</b>		
PACLitaxel	80 mg/m <sup>2</sup>	IV in normal saline 250 mL over 1 hour, following the administration rates below: <ul style="list-style-type: none"> <li>• Administer at 100 mL/hour for 15 minutes, then</li> <li>• Administer remaining volume over 45 minutes</li> </ul> <i>Use non-DEHP bags and non-DEHP administration sets with 0.2 or 0.22 micron filter</i> <i>*Nursing Alert: Gently invert bag 8 to 10 times immediately prior to administration of PACLitaxel to evenly distribute the drug</i>

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

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## REQUIRED MONITORING

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### All Cycles

#### Day 1

- CBC, electrolytes and liver enzymes as per Physician Orders
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O<sub>2</sub> saturation) at baseline and as clinically indicated
- No observation period is required. Patient can be discharged from treatment room if stable whether they had a reaction or not

#### Days 8 and 15

- CBC as per Physician Orders
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O<sub>2</sub> saturation) at baseline and as clinically indicated
- No observation period is required. Patient can be discharged from treatment room if stable whether they had a reaction or not

### Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting

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## DISCHARGE INSTRUCTIONS

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- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity reactions occur after discharge
- Instruct patient to continue taking anti-emetic(s) at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

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## ADDITIONAL INFORMATION

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- PACLitaxel may cause progressive, irreversible neuropathy