

Regimen Reference Order – BRST – PACLitaxel (weekly for 3 doses)

ARIA: BRST - [PACLitaxel (MET) q7d]

Planned Course: Once a week for 3 weeks, then 1 week off until disease progression
(1 cycle = 28 days)

Indication for Use: Breast Cancer Metastatic

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 $100 \times 10^9/L$

❖ Contact Physician if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – BRST – PACLitaxel (weekly for 3 doses)

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Days 1, 8 and 15		
cetirizine	20 mg	Orally 1 hour prior to PACLitaxel
dexamethasone	20 mg	IV in normal saline 50 mL over 15 minutes 1 hour prior to PACLitaxel <i>*Nursing Alert: PACLitaxel starts 1 hour after completion of dexamethasone infusion</i>

Wait 1 hour after completion of IV pre-medication(s) before starting PACLitaxel

PACLitaxel	80 mg/m ²	IV in normal saline 250 mL over 1 hour, following the administration rates below: <ul style="list-style-type: none"> Administer at 100 mL/hour for 15 minutes, then Administer remaining volume over 45 minutes Use non-DEHP bags and non-DEHP administration sets with 0.2 or 0.22 micron filter <i>*Nursing Alert: Gently invert bag 8 to 10 times immediately prior to administration of PACLitaxel to evenly distribute the drug</i>
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In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

All Cycles

Day 1

- CBC and biochemistry as per Physician Orders
- Full vital signs (temperature, heart rate, respiratory rate, blood pressure and O₂ saturation) at baseline and as clinically indicated
- No observation period 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 O₂ saturation) at baseline and as clinically indicated
- No observation period 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

DISCHARGE INSTRUCTIONS

- 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

ADDITIONAL INFORMATION

- PACLitaxel may cause progressive, irreversible neuropathy