

## Regimen Reference Order – BRST – DOCetaxel

ARIA: BRST – [DOCetaxel (MET) q21d]

Planned Course: Every 21 days until disease progression or unacceptable toxicity

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
dexamethasone	8 mg	Orally twice daily the day before DOCetaxel treatment and one dose the morning of DOCetaxel treatment <b>(Self-administered at home)</b> <i>*Nursing Alert: Notify physician if patient has not taken dexamethasone. dexamethasone is prescribed to prevent infusion reactions</i>

### Treatment Regimen – BRST – DOCetaxel

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
DOCetaxel	100 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</i> <b>OR</b> <b>For 500 mL bags</b> (when Pharmacy must prepare DOCetaxel in 500 mL normal saline for concentration-dependent stability): IV in normal saline 500 mL over 1 hour, following the administration rates below: <ul style="list-style-type: none"> <li>Administer at 200 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</i>
normal saline	100 mL	<b>ONLY</b> for patients with a PORT IV over 12 minutes <i>*Nursing Alert: This volume is to be administered after standard flush</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

- CBC, biochemistry 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 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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- Not applicable