

## Regimen Reference Order - BRST – DOCetaxel (Metastatic) Weekly

ARIA: BRST – [DOCetaxel (MET) weekly]

Planned Course: Days 1, 8, 15 every 28 days until disease progression or unacceptable toxicity

Indication for Use: Breast Cancer Metastatic

CVAD: Preferred

### ***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 a day the day before treatment and one dose the morning of treatment (self-administered at home)

### Treatment Regimen – BRST – DOCetaxel (Metastatic) Weekly

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
<b>Days 1, 8 and 15</b>		
DOCetaxel	$35 \text{ mg/m}^2$	IV in normal saline 250 mL over 1 hour For 250 mL bags: Infuse 25 mL over 15 minutes and remainder of bag over 45 minutes For 500 mL bags: Infuse 50 mL over 15 minutes and remainder of bag over 45 minutes <i>Use non-DEHP bags and non-DEHP administration sets</i> <i>Concentration dependent drug: Pharmacy will adjust diluent volume to ensure drug stability</i> <i>*Nursing Alert: Pump programming should reflect actual volume in the bag</i>

Flush after each medication:

- 100 mL over 12 minutes (500 mL/hr)

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

## REQUIRED MONITORING

### All Cycles

#### Day 1

- CBC, biochemistry as per physician order

#### Days 8 and 15

- CBC

#### Cycle 1 Only

- Full vital signs (temperature, heart rate, respiration, blood pressure and O<sub>2</sub> saturation) at baseline and as clinically indicated
- Monitor heart rate and blood pressure every 15 minutes during infusion
- Observe patient for 1 hour after administration
- Full vital signs prior to discharge

#### Cycle 2 and Onwards

- Full vital signs at baseline and as clinically indicated

### Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
metoclopramide	10 – 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

## DISCHARGE INSTRUCTIONS

- 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

- N/A