

Regimen Reference Order – BRST – T-DM1 (Kadcyla®)

ARIA: BRST – [T-DM1 (Kadcyla)]

Planned Course: Every 3 weeks until disease progression or unacceptable toxicities

Indication for Use: Breast Cancer Metastatic or Locally Advanced

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 $50 \times 10^9/L$

❖ Contact Physician if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – BRST – T-DM1 (Kadcyla®)

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
metoclopramide	20 mg	Orally 30 minutes pre-chemotherapy
Cycle 1 Only		
T-DM1 (Kadcyla)	3.6 mg/kg	IV in normal saline 250 mL over 90 minutes <i>Use administration set with 0.22 micron in-line filter</i>
Cycles 2 and Onwards		
T-DM1 (Kadcyla)	3.6 mg/kg	IV in normal saline 250 mL over 30 minutes <i>Use administration set with 0.22 micron in-line filter</i>

All doses will be automatically rounded that fall within the DSG Approved Dose Bands. See BREAST DSG – Dose Banding document for more information

Flush after each medication:

- 50 mL over 6 minutes (500 mL/hr)

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

REQUIRED MONITORING

All Cycles

- CBC, biochemistry as per physician order
- Left Ventricular Ejection Fraction (LVEF) monitoring is recommended at baseline every 4 cycles for the first 2 years then every 4 – 8 cycles thereafter

Cycle 1 Only

- Full vital signs (temperature, heart rate, blood pressure, respiration and O₂ saturation) at baseline and as clinically indicated
- Observe patient for 90 minutes after administration
- Full vital signs prior to discharge

Cycle 2 and Onwards

- Full vital signs at baseline and as clinically indicated
- Observe patient for 30 minutes after administration of cycle 2 and 3 only
- Full vital signs prior to discharge

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
Not Applicable		

DISCHARGE INSTRUCTIONS

- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- N/A