

Regimen Reference Order – BRST – FAC

ARIA: BRST – [FAC]

Planned Course: Every 21 days for 6 cycles

Indication for Use: Breast Cancer Adjuvant

CVAD: Preferred (VESICANT INVOLVED)

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
Instruct patient to start vigorous oral pre-hydration (600-900 mL) the morning of treatment (Self-administered at home)		

Treatment Regimen – BRST - FAC

Establish primary solution 500 mL of: normal saline		
Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
DOXOrubicin	50 mg/m^2	IV Push over 10 to 15 minutes
fluorouracil	500 mg/m^2	IV Push over 3 to 5 minutes
cyclophosphamide	500 mg/m^2	IV in normal saline 250 mL over 1 hour

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
- Assess patient to rule out dehydration
- Before treatment ensure patient is voiding
- Left Ventricular Ejection Fraction (LVEF) monitoring is recommended at baseline and as clinically indicated

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
ondansetron	8 mg	Orally 12 hours post chemotherapy
dexamethasone	4 mg	Orally twice daily for 3 days following chemotherapy
metoclopramide	10 - 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- Instruct patient to:
 - Maintain oral intake of 2000 mL (8 glasses) of fluid daily at home
 - Empty bladder every 2 hours while awake and at bedtime for 24 hours
 - Obtain immediate assistance as per your clinic's contact instructions if:
 - Signs of hemorrhagic cystitis
 - Unable to drink recommended amount of fluid
 - 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

- DOXOrubicin is a vesicant and as such if extravasation occurs, refer to CCMB policy