# **Regimen Reference Order**

## BRST – gemcitabine + CARBOplatin (Days 1 and 8)

ARIA: - BRST – [gem + CARBO (day 1 + 8)]

Planned Course:Every 21 days until disease progression or unacceptable toxicityIndication for Use:Breast Cancer Metastatic or Recurrent

CVAD: At Provider's Discretion

## Proceed with treatment if:

ANC equal to or greater than 1.5 x 10<sup>9</sup>/L AND Platelets equal to or greater than 100 x 10<sup>9</sup>/L Contact Physician if parameters not met

## SEQUENCE OF MEDICATION ADMINISTRATION

	Pre-treatment Requirements				
Drug	Dose	CCMB Administration Guideline			
	No	ot Applicable			

Treatment Regimen – BRST – gemcitabine + CARBOplatin (Days 1 and 8)				
Establish primary solution 500 mL of: normal saline				
Drug	Dose	CCMB Administration Guideline		
Day 1				
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy		
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy		
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes		
CARBOplatin	AUC 2 mg/mL.min; maximum dose 300 mg (see table below)	IV in D5W 250 mL over 30 minutes		
Day 8				
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy		
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy		
gemcitabine	1000 mg/m <sup>2</sup>	IV in normal saline 250 mL over 30 minutes		
CARBOplatin	AUC 2 mg/mL.min; maximum dose 300 mg (see table below)	IV in D5W 250 mL over 30 minutes		



All doses will be automatically rounded that fall within CCMB Approved Dose Bands. See Dose Banding document for more information

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

### **REQUIRED MONITORING**

### All Cycles

Day 1

• CBC, serum creatinine, urea, liver enzymes, total bilirubin and electrolytes as per Physician Orders

### Day 8

• CBC

Recommended Support Medications			
Drug	Dose	CCMB Administration Guideline	
dexamethasone	8 mg	Orally once daily on Days 2, 3, 9 and 10	
metoclopramide	10 - 20 mg	Orally every 4 hours as needed for nausea and vomiting	

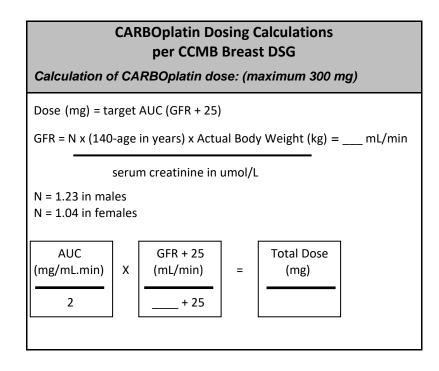
## **DISCHARGE INSTRUCTIONS**

- 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**

- CARBOplatin dosing considerations:
  - o CCMB Breast DSG uses actual body weight to calculate GFR
  - o CCMB Breast DSG uses a maximum CARBOplatin dose of 300 mg for this regimen
  - o If calculated CARBOplatin differs more than 10% from prescribed CARBOplatin dose, contact the prescriber





#### AUC= Area Under Curve

The estimated creatinine clearance is based on limited evidence. Sound clinical judgment and interpretation of the estimation are required, because the equation above may not be appropriate for some patient populations (for example, acute renal failure).

