

#### **REVISED April 2011**

## **BIOCHEMOTHERAPY**

Page 1 of 3

Date writte	n To 1	oegin	-	
A 11 .	leightcm Weight ■No ■Yes: Metasta	Protocol:  Yes # No Source of Drug:		
	Obtained ?  Preprinted Consent See Dicta Plan:	ted Note	□Routine supply □Protocol supply □Other	
2. Infusion Room General Order Set will be initiated				
3. Nursing: Draw admissions labs: call attending with results of CBC and BMP prior to starting therapy Vital signs q4h Weight qAM Strict I/O's Port or catheter care per institutional protocol. Place Interleukin-2 reminder sheet on patient's chart and door. Call HO for T > 40, SBP < 90, HR > 120, RR > 30				
4. Medications: Famotidine 20mg po q12h Cephalexin 250 mg PO q6h. Lorazepam 1 mg IV Push PRN anxiety or nausea.				
Prochlorperazine 10 mg PO q 6 PRN nausea. Prochlorperazine 10mg IV PRN nausea, not tolerating oral medications				
50mg for Naproxsy Loperam	Meperidine 25-50 mg IV in 50ml D5W over 15 minutes PRN rigors q 8 hours (use 25mg for mild rigors, 50mg for severe rigors) (May repeat 25 mg dose once, then call HO.)  Naproxsyn: 375 mg PO q 12 PRN temp > 39C. Hold for creatinine > 2.0.  Loperamide: 4 mg PO after first loose stool, then 2 mg after each subsequent loose stool, maximum 16mg/day.			
	rdramine: 25 mg PO PRN pruritus rdramine: 25 mg IV Push prn pruritus	if not tolerating oral medications		
MD/Preparer's Signature				
	Attending	g Physician Signature		



# 5. Hydration Orders:

Prehydration for cisplatin: NS at 500 ml/hour over 2 hours.

Posthydration for cisplatin: D5 1/2NS with 20 meq KCl/L at 250 ml/hr x 2 hr.

If not receiving pre or post hydration, then give D5 1/2NS with 20 meq of KCl/L at 100 ml/hr IV days 1-4.

Acetaminophen: 650 mg PO q6, to start 15 minutes before Interleukin-2

Interleukin-2b:

- $\hfill 9$  million International Units x\_\_\_\_m^2 x\_\_\_% = \_\_million International units in 250ml D5W with 0.1% albumin daily by continuous intravenous infusion for 4 days, days 1-4 to start on day 1. Hold dose and call HO if systolic BP < 90, HR > 120, or RR > 30. DO NOT add doses at the end of treatment without Attendings approval.
- $\Box$  5 million Units m<sup>2</sup> x \_\_\_\_\_m<sup>2</sup> x \_\_\_\_\_% = \_\_\_\_million International units subcutaneously daily x 5, days 1-5 to start with Interleukin-2 infusion. Round to nearest million units

### 7. Chemotherapy Orders:

Ondansetron: 16 mg PO 30 minutes before each cisplatin dose.

Cisplatin \_\_\_\_\_\_%, Vinblastine \_\_\_\_\_\_%, Dacarbozine \_\_\_\_\_\_% Cisplatin:  $20 \text{ mg/m}^2 \text{ x} _____m^2 \text{ x} _____% = ____mg \text{ IV daily x 4days, days 1-4} at completion of prehydration. Mix cisplatin in 250 ml NS and administer over 30 minutes. (total dose=<math>80 \text{mg/m}^2$ 

Vinblastine: 1.2 mg/  $m^2$  x \_\_\_\_\_  $m^2$  x \_\_\_\_\_  $m^2$  x \_\_\_\_\_  $m^2$  w = \_\_\_\_\_ mg IVP daily days 1-4 following cisplatin.

Darcarbazine:  $800 \text{ mg/m}^2 \text{ x} \underline{\qquad} m^2 \text{ x} \underline{\qquad} \% = \underline{\qquad} mg \text{ IV in } 250 \text{ ml D5W over } 2 \text{ hours following vinblastine on day 1 only.}$  (total dose=  $800 \text{mg/m}^2$ )

MD/Preparer's Signature \_\_\_\_\_

Attending Physician Signature\_\_\_\_\_



at Penn State Milton S. Hershey Medical Center

## **BIOCHEMOTHERAPY**

Page 3of 3

8.	Laboratory Studies:
	On admission: CBC, BMP, Ca, Mg, PO4, PT, PTT,
	LFT's, TSH, T4
	Daily: BMP
	Every other day: CBC, LFT's, Mg, PT, PTT
	Blood cultures x 1 qd for temp spikes > 39C
9.	Reminders:
	No IV contrast during Interleukin-2 treatment without approval of Attending.
	No RBC transfusions during Interleukin-2 without approval of Attending.
	No steroids without approval of Attending.
	No diuretics without approval of Attending.
10	. Discharge Medications and Instructions:
	Cephalexin 250 mg PO BID, write prescription for 2 week supply.  Warfarin 1 mg PO daily write prescription for 2 week supply.  Famotidine 20 mg PO BID, write prescription for 2 week supply.
	Filgrastim (G-CSF): 300 mcg subcutaneously daily x 10 days.
	□ Interferon alfa-2b: 5 million Units/ $m^2$ xm $^2$ x% =million Units sub Q SQ on days 8, 10 and 12 (pending CBC results). Round to nearest million units.
	Laboratory Studies QMWF 3 weeks: CBC, diff, plt, Lytes, renal, LFT's, LDH, Ca, Mg, PO <sub>4</sub> , fax results to (717)531-4969.
	MD/Preparer's Signature
	Attending Physician Signature

