

OP CMF

Types: ONCOLOGY TREATMENT

Synonyms: FLUOROURACIL, CYCLOPHOSPHAMIDE,, METHOTREXATE, CMF, 5FU, MTX, SIGHT, CYTOXAN, FLOW, MET, PSYC, BREAST

Take-Home Medications	Repeat 1 time	Cycle length: 1 day
Day 1		Perform every 1 day x1
Take-Home Medications Prior to Treatment		
cyclophosphamide (CYTOXAN) 50 mg chemo capsule		
Dose: 100 mg/m2	Route: oral	daily
Dispense: --	Refills: --	
Start: S	End: S+14	
Cycles 1 to 3	Repeat 3 times	Cycle length: 28 days
Day 1		Perform every 1 day x1
Appointment Requests		
INFUSION APPOINTMENT REQUEST		
Interval: --	Occurrences: --	
Labs		
<input checked="" type="checkbox"/> COMPREHENSIVE METABOLIC PANEL		
Interval: --	Occurrences: --	
<input checked="" type="checkbox"/> CBC WITH PLATELET AND DIFFERENTIAL		
Interval: --	Occurrences: --	
<input checked="" type="checkbox"/> MAGNESIUM LEVEL		
Interval: --	Occurrences: --	
<input type="checkbox"/> URINALYSIS, AUTOMATED WITH MICROSCOPY		
Interval: --	Occurrences: --	
<input type="checkbox"/> CANCER ANTIGEN 27-29 (CA BR)		
Interval: --	Occurrences: --	
Outpatient Electrolyte Replacement Protocol		
TREATMENT CONDITIONS 39		
Interval: --	Occurrences: --	
Comments:	Potassium (Normal range 3.5 to 5.0mEq/L)	
	o Protocol applies for SCr less than 1.5. Otherwise, contact MD/NP	
	o Protocol applies only to same day lab value.	
	o Serum potassium less than 3.0mEq/L, give 40mEq KCL IV or PO and contact MD/NP	
	o Serum potassium 3.0 to 3.2mEq/L, give 40mEq KCL IV or PO	
	o Serum potassium 3.3 to 3.4mEq/L, give 20mEq KCL IV or PO	
	o Serum potassium 3.5 mEq/L or greater, do not give potassium replacement	
	o If patient meets criteria, order SmartSet called "Outpatient Electrolyte Replacement"	
	o Sign electrolyte replacement order as Per protocol: cosign required	
TREATMENT CONDITIONS 40		
Interval: --	Occurrences: --	
Comments:	Magnesium (Normal range 1.6 to 2.6mEq/L)	
	o Protocol applies for SCr less than 1.5. Otherwise, contact	

MD/NP

- o Protocol applies only to same day lab value.
- o Serum Magnesium less than 1.0mEq/L, give 2 gram magnesium sulfate IV and contact MD/NP
- o Serum Magnesium 1.0 to 1.2mEq/L, give 2 gram magnesium sulfate IV
- o Serum Magnesium 1.3 to 1.5mEq/L, give 1 gram magnesium sulfate IV
- o Serum Magnesium 1.6 mEq/L or greater, do not give magnesium replacement
- o If patient meets criteria, order SmartSet called "Outpatient Electrolyte Replacement"
- o Sign electrolyte replacement order as Per protocol: cosign required

Nursing Orders

TREATMENT CONDITIONS 7

Interval: -- Occurrences: --
Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN
Start: S

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose
Start: S
Instructions:
To keep vein open.

Pre-Medications

palonosetron (ALOXI) injection 0.25 mg

Dose: 0.25 mg Route: intravenous once for 1 dose
Start: S End: S 1:45 PM

dexamethasone (DECADRON) 12 mg in sodium chloride 0.9% IVPB

Dose: 12 mg Route: intravenous once over 15 Minutes for 1 dose
Start: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	12 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB

Dose: 130 mg Route: intravenous once over 30 Minutes for 1 dose
Start: S End: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	APREPITANT 7.2 MG/ML	Medications	130 mg	Main Inredient	Yes

INTRAVENOUS EMULSION
 DEXTROSE 5 % IN Base 130 mL Yes Yes
 WATER (D5W) IV
 SOLP (EXCEL;
 NON-PVC)
 SODIUM Base 130 mL No Yes
 CHLORIDE 0.9 % IV
 SOLP
 (EXCEL;NON-PVC)

netupitant-palonosetron (AKYNZEO) 300-0.5 mg per capsule 1 capsule

Dose: 1 capsule Route: oral once for 1 dose
 Start: S End: S 5:30 PM
 Instructions:
 Administer approximately 1 hour prior to chemotherapy.

ondansetron (ZOFRAN), dexamethasone (DECADRON) in sodium chloride 0.9% 50 mL IVPB

Dose: -- Route: intravenous once over 15 Minutes for 1 dose
 Start: S End: S 11:42 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL 2 MG/ML INTRAVENOUS SOLUTION	Medications		Yes	No
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications		Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

Pre-Medications

diphenhydrAMINE (BENADRYL) injection 25 mg

Dose: 25 mg Route: intravenous once for 1 dose
 Start: S
 Instructions:
 Administer via slow IV push 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) 50 mg in sodium chloride 0.9% 50 mL IVPB

Dose: 50 mg Route: intravenous once over 15 Minutes for 1 dose
 Start: S End: S 11:45 AM

Instructions:
 Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DIPHENHYDRAMIN E 50 MG/ML INJECTION SOLUTION	Medications	50 mg	Main Ingredient	No
	SODIUM CHLORIDE 0.9 %	Base	50 mL	Yes	Yes

INTRAVENOUS SOLUTION
 DEXTROSE 5 % IN Base 50 mL No Yes
 WATER (D5W)
 INTRAVENOUS SOLUTION

diphenhydramine (BENADRYL) tablet 25 mg

Dose: 25 mg Route: oral once for 1 dose
 Offset: 0 Hours

Instructions:
 Administer 30 minutes prior to chemotherapy.

diphenhydramine (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
 Offset: 0 Hours

Instructions:
 Administer 30 minutes prior to chemotherapy.

famotidine (PEPCID) injection 20 mg

Dose: 20 mg Route: intravenous once for 1 dose
 Offset: 0 Hours

Instructions:
 Administer 30 minutes prior to chemotherapy.

famotidine (PEPCID) tablet 20 mg

Dose: 20 mg Route: oral once for 1 dose
 Offset: 0 Hours

Instructions:
 Administer 30 minutes prior to chemotherapy.

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
 Offset: 0 Hours

Instructions:
 Administer 30 minutes prior to chemotherapy.

Supportive Care

LORAZepam (ATIVAN) injection 1 mg

Dose: 1 mg Route: intravenous once PRN
 Start: S

LORAZepam (ATIVAN) tablet 1 mg

Dose: 1 mg Route: oral once PRN
 Start: S

Antiemetics

promethazine (PHENERGAN) injection 12.5 mg

Dose: 12.5 mg Route: injection once PRN
 Start: S

Chemotherapy

methotrexate PF 40 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB

Dose: 40 mg/m2 Route: intravenous once over 15 Minutes for 1 dose
 Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	METHOTREXATE SODIUM (PF) 25 MG/ML INJECTION SOLUTION	Medications	40 mg/m2	Main Ingredient	Yes

DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	50 mL	No	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	50 mL	Yes	Yes

fluorouracil (ADRUCIL) 600 mg/m2 in sodium chloride 0.9 % 100 mL chemo IVPB

Dose: 600 mg/m2 Route: intravenous once over 30 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	600 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	100 mL	No	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	100 mL	Yes	Yes

Discharge Nursing Orders

ONC NURSING COMMUNICATION 76

Interval: -- Occurrences: --
Comments: Discontinue IV.

Discharge Nursing Orders

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN

HEParin, porcine (PF) injection 500 Units

Dose: 500 Units Route: intra-catheter once PRN
Start: S
Instructions:
Concentration: 100 units/mL. Heparin flush for
Implanted Vascular Access Device
maintenance.

Post-Medications

pegfilgrastim (NEULASTA) on-body injection kit 6 mg

Dose: 6 mg Route: subcutaneous once for 1 dose
Start: S End: S

Instructions:
Apply to intact, nonirritated skin on the back of
the arm or abdomen (only use the back of the
arm if caregiver is available to monitor
On-body injection status).