

IP 5FU (CONCURRENT WITH RADIATION)

Types: ONCOLOGY TREATMENT

Synonyms: 5FU, FLUOROURACIL, FLOUROURACIL, FLO, FLU, ADRUCIL, RADIATION, ANAL, RECTAL, COLORECTAL, 5FU, FLUOROURACIL, FLOUROURACIL

Cycle 1	Repeat 1 time	Cycle length: 5 days
Day 1		Perform every 1 day x1
Nursing Orders		
ONC NURSING COMMUNICATION 37		
Interval: Once	Occurrences: --	
Comments:	Verify with the patient that a radiation appointment has been scheduled.	
Labs		
<input checked="" type="checkbox"/>	CBC WITH PLATELET AND DIFFERENTIAL	
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/>	COMPREHENSIVE METABOLIC PANEL	
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/>	MAGNESIUM LEVEL	
Interval: Once	Occurrences: --	
<input type="checkbox"/>	LDH	
Interval: Once	Occurrences: --	
<input type="checkbox"/>	URIC ACID LEVEL	
Interval: Once	Occurrences: --	
Nursing Orders		
TREATMENT CONDITIONS 4		
Interval: Once	Occurrences: --	
Comments:	HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000; Total Bilirubin GREATER than 1.5; ALT/AST GREATER than 3 times upper normal limit; or Serum Creatinine GREATER than 1.2	
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		
<input checked="" type="radio"/> ondansetron (ZOFRAN) injection 8 mg		
Dose: 8 mg	Route: intravenous	once for 1 dose
Start: S		
<input type="radio"/> ondansetron (ZOFRAN) tablet 16 mg		
Dose: 16 mg	Route: oral	once for 1 dose
Start: S		

○ **ondansetron (ZOFTRAN), dexamethasone (DECADRON) in dextrose 5% 50 mL IVPB**

Dose: 16 mg Route: intravenous once over 15 Minutes for 1 dose
 Start: S End: S

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

Chemotherapy

fluorouracil (ADRUCIL) 300 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 300 mg/m2 Route: intravenous once over 23 Hours for 1 dose
 Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	300 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

Hematology & Oncology Hypersensitivity Reaction Standing Order

ONC NURSING COMMUNICATION 82

Interval: Until discontinued

Occurrences: --

Comments:

- Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)
1. Stop the infusion.
 2. Place the patient on continuous monitoring.
 3. Obtain vital signs.
 4. Administer Normal Saline at 50 mL per hour using a new bag and new intravenous tubing.
 5. If greater than or equal to 30 minutes since the last dose of Diphenhydramine, administer Diphenhydramine 25 mg intravenous once.
 6. If less than 30 minutes since the last dose of Diphenhydramine, administer Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
 7. Notify the treating physician.
 8. If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe).
 9. Assess vital signs every 15 minutes until resolution of symptoms or

otherwise ordered by covering physician.

ONC NURSING COMMUNICATION 83

Interval: Until discontinued
Comments:

Occurrences: --

Grade 2 – MODERATE Symptoms (cardiovascular, respiratory, or gastrointestinal symptoms – shortness of breath, wheezing, nausea, vomiting, dizziness, diaphoresis, throat or chest tightness, abdominal or back pain)

1. Stop the infusion.
2. Notify the CERT team and treating physician immediately.
3. Place the patient on continuous monitoring.
4. Obtain vital signs.
5. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O₂ saturation of greater than or equal to 92%.
6. Administer Normal Saline at 150 mL per hour using a new bag and new intravenous tubing.
7. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous), Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
8. If no improvement after 15 minutes, advance level of care to Grade 3 (Severe).
9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

ONC NURSING COMMUNICATION 4

Interval: Until discontinued
Comments:

Occurrences: --

Grade 3 – SEVERE Symptoms (hypoxia, hypotension, or neurologic compromise – cyanosis or O₂ saturation less than 92%, hypotension with systolic blood pressure less than 90 mmHg, confusion, collapse, loss of consciousness, or incontinence)

1. Stop the infusion.
2. Notify the CERT team and treating physician immediately.
3. Place the patient on continuous monitoring.
4. Obtain vital signs.
5. If heart rate is less than 50 or greater than 120, or blood pressure is less than 90/50 mmHg, place patient in reclined or flattened position.
6. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O₂ saturation of greater than or equal to 92%.
7. Administer Normal Saline at 1000 mL intravenous bolus using a new bag and new intravenous tubing.
8. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous) and Famotidine 20 mg intravenous once.
9. Administer Epinephrine (1:1000) 0.3 mg subcutaneous.
10. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

diphenhydrAMINE (BENADRYL) injection 25 mg

Dose: 25 mg
Start: S

Route: intravenous PRN

fexofenadine (ALLEGRA) tablet 180 mg

Dose: 180 mg
Start: S

Route: oral PRN

famotidine (PEPCID) 20 mg/2 mL injection 20 mg

Dose: 20 mg Route: intravenous PRN
Start: S

hydrocortisone sodium succinate (Solu-CORTEF) injection 100 mg

Dose: 100 mg Route: intravenous PRN

dexamethasone (DECADRON) injection 4 mg

Dose: 4 mg Route: intravenous PRN
Start: S

epINEPHrine (ADRENALIN) 1 mg/10 mL ADULT injection syringe 0.3 mg

Dose: 0.3 mg Route: subcutaneous PRN
Start: S

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.

Days 2,3,4,5

Perform every 1 day x4

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

ondansetron (ZOFTRAN) injection 8 mg

Dose: 8 mg Route: intravenous once for 1 dose
Start: S

ondansetron (ZOFTRAN) tablet 16 mg

Dose: 16 mg Route: oral once for 1 dose
Start: S

ondansetron (ZOFTRAN), dexamethasone (DECADRON) in dextrose 5% 50 mL IVPB

Dose: 16 mg Route: intravenous once over 15 Minutes for 1 dose
Start: S End: S

Ingredients:

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DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications		Yes	No
SODIUM	Base	50 mL	No	Yes

CHLORIDE 0.9 %
 INTRAVENOUS
 SOLUTION
 DEXTROSE 5 % IN Base 50 mL Yes Yes
 WATER (D5W)
 INTRAVENOUS
 SOLUTION

Chemotherapy

**fluorouracil (ADRUCIL) 300 mg/m2 in sodium
 chloride 0.9 % 250 mL chemo IVPB**

Dose: 300 mg/m2 Route: intravenous once over 23 Hours for 1 dose
 Offset: 30 Minutes

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