

IP WEEKLY IRINOTECAN / FLUOROURACIL / LEUCOVORIN (EVERY 28 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: SALTZ, IRIN, IRINOTECAN, LEUCO, LEUCOVORIN, 5FU, 5-FLUOROURACIL, FLUOROURACIL

Cycle 1	Repeat 1 time	Cycle length: 28 days
Day 1	Perform every 1 day x1	
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		
ondansetron (ZOFTRAN) 16 mg, dexamethasone		
<input checked="" type="checkbox"/> (DECADRON) 12 mg in sodium chloride 0.9% 50 mL IVPB		
Dose: -- Route: intravenous once over 15 Minutes for 1 dose		
Start: S End: S 11:30 AM		
Ingredients:	Name	Type
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications
		Dose
		16 mg
		12 mg
		Selected
		Yes
		Yes
		Adds Vol.
		No
		No

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

ondansetron (ZOFTRAN) tablet 16 mg

Dose: 16 mg Route: oral once for 1 dose
 Start: S End: S 11:30 AM

dexamethasone (DECADRON) tablet 12 mg

Dose: 12 mg Route: oral once for 1 dose
 Start: S

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

Pre-Medications

atropine injection 0.25 mg

Dose: 0.25 mg Route: intravenous PRN
 Start: S

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

Chemotherapy

leucovorin 20 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 20 mg/m2 Route: intravenous once over 90 Minutes for 1 dose
 Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	LEUCOVORIN CALCIUM 350 MG SOLUTION FOR INJECTION	Medications	20 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

irinotecan (CAMPTOSAR) 125 mg/m2 in dextrose 5% 500 mL chemo IVPB

Dose: 125 mg/m2 Route: intravenous once over 90 Minutes for 1 dose
Offset: 2 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	IRINOTECAN 100 MG/5 ML INTRAVENOUS SOLUTION	Medications	125 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	No	Yes

fluorouracil (ADRUCIL) 500 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB

Dose: 500 mg/m2 Route: intravenous once over 15 Minutes for 1 dose
Offset: 3.5 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	500 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 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 Route: intravenous PRN
 Start: S

fexofenadine (ALLEGRA) tablet 180 mg

Dose: 180 mg Route: oral PRN
 Start: S

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 mgDose: 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 8,15

Perform every 7 days x2

Labs

 CBC WITH PLATELET AND DIFFERENTIAL

Interval: Once Occurrences: --

 COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

 MAGNESIUM LEVEL

Interval: Once Occurrences: --

 LDH

Interval: Once Occurrences: --

 URIC ACID LEVEL

Interval: Once Occurrences: --

Nursing Orders

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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) 16 mg, dexamethasone **(DECADRON) 12 mg in sodium chloride 0.9%****50 mL IVPB**

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

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	CALCIUM 350 MG SOLUTION FOR INJECTION			Ingredient	
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes
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Dose: 125 mg/m2 Route: intravenous once over 90 Minutes for 1 dose
Offset: 2 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
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	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	No	Yes

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Dose: 500 mg/m2 Route: intravenous once over 15 Minutes for 1 dose
Offset: 3.5 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	500 mg/m2	Main	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes