

IP FOLFOXIRI / PANITUMUMAB (EVERY 7 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: FOLFOXIRI, FLUOROURACIL, LEUCOVORIN, OXALIPLATIN , IRINOTECAN , FOL, CAMPTOSAR, ADRUCIL, ELOXATIN, LUKE, FLOW, AGE, ELOC, COLORECTAL, GI

Cycle 1	Repeat 1 time	Cycle length: 14 days
Day 1		Perform every 1 day x1
Provider Communication		
ONC PROVIDER COMMUNICATION 2 Interval: Once Occurrences: -- Comments: Tumor KRAS gene status should be determined prior to initiation of therapy. KRAS type: Please Push F2:115540219.		
Labs		
<input checked="" type="checkbox"/> COMPREHENSIVE METABOLIC PANEL Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> CBC WITH PLATELET AND DIFFERENTIAL Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> MAGNESIUM LEVEL Interval: Once Occurrences: --		
Nursing Orders		
TREATMENT CONDITIONS 4 Interval: Until discontinued 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		
dextrose 5% flush syringe 20 mL Dose: 20 mL Route: intravenous PRN Start: S Instructions: Administer ONLY for Oxaliplatin.		
sodium chloride 0.9 % flush 20 mL Dose: 20 mL Route: intravenous PRN Start: S Instructions: Do NOT administer with Oxaliplatin.		
Nursing Orders		
dextrose 5% infusion 250 mL Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose Start: S Instructions: To keep vein open for Oxaliplatin.		
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. Do NOT administer with Oxaliplatin.		
Pre-Medications		

ondansetron (ZOFTRAN) 16 mg, dexamethasone

(DECADRON) 12 mg in sodium chloride 0.9%

50 mL IVPB

Dose: 16 mg

Route: intravenous

once over 15 Minutes for 1 dose

Start: S

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
ONDANSETRON HCL 2 MG/ML INTRAVENOUS SOLUTION	Medications	16 mg	Main Ingredient	No
DEXAMETHASONE 10 MG/ML INJECTION SOLUTION	Medications	12 mg	Yes	No
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	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

fosaprepitant (EMEND) 150 mg in sodium chloride 0.9% 150 mL IVPB

Dose: 150 mg

Route: intravenous

once over 30 Minutes for 1 dose

Start: S

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
FOSAPREPITANT 150 MG INTRAVENOUS SOLUTION	Medications	150 mg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	145 mL	Yes	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

PRN

Start: S

LORAZepam (ATIVAN) tablet 1 mg

Dose: 1 mg

Route: oral

PRN

Start: S

Chemotherapy

panitumumab (VECTIBIX) 6 mg/kg in sodium chloride 0.9 % 100 mL chemo IVPB

Dose: 6 mg/kg

Route: intravenous

once over 60 Minutes for 1 dose

Offset: 30 Minutes

Instructions:

USE 0.2 OR 0.22 MICRON INLINE FILTER.

Ingredients:

Name
PANITUMUMAB
100 MG/5 ML (20
MG/ML)
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION

Type Medications **Dose** 6 mg/kg **Selected** Main Ingredient **Adds Vol.** Yes

QS Base 100 mL Yes Yes

leucovorin 200 mg/m2 in dextrose 5% 250 mL chemo IVPB

Dose: 200 mg/m2

Route: intravenous

once over 90 Minutes for 1 dose

Offset: 1.5 Hours

Ingredients:

Name
LEUCOVORIN
CALCIUM 350 MG
SOLUTION FOR
INJECTION
DEXTROSE 5 % IN
WATER (D5W)
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION

Type Medications **Dose** 200 mg/m2 **Selected** Main Ingredient **Adds Vol.** Yes

QS Base 250 mL Yes Yes

QS Base 250 mL No Yes

irinotecan (CAMPTOSAR) 165 mg/m2 in dextrose 5% 500 mL chemo IVPB

Dose: 165 mg/m2

Route: intravenous

once over 90 Minutes for 1 dose

Offset: 3 Hours

Instructions:

Protect from light

Ingredients:

Name
IRINOTECAN 100
MG/5 ML
INTRAVENOUS
SOLUTION
DEXTROSE 5 % IN
WATER (D5W)
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION

Type Medications **Dose** 165 mg/m2 **Selected** Main Ingredient **Adds Vol.** Yes

QS Base 500 mL Yes Yes

QS Base 500 mL No Yes

OXALIplatin (ELOXATIN) 85 mg/m2 in dextrose 5% 500 mL chemo IVPB

Dose: 85 mg/m2

Route: intravenous

once over 2 Hours for 1 dose

Offset: 4.5 Hours

Instructions:

Irritant - avoid extravasation. Flush line with D5W before and after oxaliplatin infusion.

Ingredients:

Name
OXALIPLATIN 100
MG/20 ML
INTRAVENOUS
SOLUTION

Type Medications **Dose** 85 mg/m2 **Selected** Main Ingredient **Adds Vol.** Yes

DEXTROSE 5 % IN QS Base 500 mL Yes Yes
 WATER (D5W)
 INTRAVENOUS
 SOLUTION

fluorouracil (ADRUCIL) 1,600 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 1,600 mg/m2 Route: intravenous once over 23 Hours for 1 dose
 Offset: 6.5 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	1,600 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	500 mL	No	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes

Nursing Orders

ONC NURSING COMMUNICATION 14

Interval: Until discontinued Occurrences: --

Comments: Contact Provider if drug-induced acneiform rash develops and covers more than 25 per cent of the body.

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 Occurrences: --

Comments: 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

Occurrences: --

Comments:

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 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

Nursing Orders

ONC NURSING COMMUNICATION 11

Interval: Until discontinued Occurrences: --

Comments: Exposure to cold may exacerbate oxaliplatin-induced neuropathy (including pharyngolaryngeal dysesthesia). Encourage patient to keep blanket on their chest and/or throat during oxaliplatin infusion. Educate patient to avoid cold drinks/foods, ice chips or exposure to cold water or air for 7 days after oxaliplatin infusion.

ONC NURSING COMMUNICATION 12

Interval: Until discontinued Occurrences: --

Comments: Assess and notify provider for persistent neuropathy (Grade 2).

Nursing Orders

ONC NURSING COMMUNICATION 14

Interval: Until discontinued Occurrences: --

Comments: Contact Provider if drug-induced acneiform rash develops and covers more than 25 per cent of the body.

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.

Day 2

Perform every 1 day x1

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) IV 16 mg

Dose: 16 mg Route: intravenous once for 1 dose

Start: S

Chemotherapy

fluorouracil (ADRUCIL) 1,600 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 1,600 mg/m2 Route: intravenous once over 23 Hours for 1 dose

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
FLUOROURACIL 500 MG/10 ML INTRAVENOUS SOLUTION	Medications	1,600 mg/m2	Main Ingredient	Yes
DEXTROSE 5 % IN WATER (D5W)	QS Base	500 mL	No	Yes

INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION

QS Base

500 mL

Yes

Yes