

OP GEMCITABINE 1000 (EVERY 7 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: GEM, GEMCITABINE, GEMZAR, BREAST, BLADDER, PANCREATIC

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

ondansetron (ZOFTRAN) injection 8 mg

Dose: 8 mg Route: intravenous once for 1 dose
 Start: S End: S 11:15 AM

ondansetron (ZOFTRAN) tablet 16 mg

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

ondansetron (ZOFTRAN) 16 mg in dextrose 5% 50 mL IVPB

Dose: 16 mg Route: intravenous once over 15 Minutes for 1 dose
 Start: S End: S 11:00 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Main Ingredient	No
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes

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

gemcitabine (GEMZAR) 1,000 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 1,000 mg/m2 Route: intravenous once over 30 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	GEMCITABINE 200 MG/5.26 ML (38 MG/ML)	Medications	1,000 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	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).

Day 8

Perform every 1 day x1

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

URINALYSIS, AUTOMATED WITH MICROSCOPY

Interval: -- Occurrences: --

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)
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 - 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

ondansetron (ZOFRAN) injection 8 mg

Dose: 8 mg Route: intravenous once for 1 dose
Start: S End: S 11:15 AM

ondansetron (ZOFRAN) tablet 16 mg

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

ondansetron (ZOFRAN) 16 mg in dextrose 5% 50 mL IVPB

Dose: 16 mg Route: intravenous once over 15 Minutes for 1 dose
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Dose: 12.5 mg Route: injection once PRN
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Chemotherapy

gemcitabine (GEMZAR) 1,000 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 1,000 mg/m2 Route: intravenous once over 30 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	GEMCITABINE 200 MG/5.26 ML (38 MG/ML) INTRAVENOUS SOLUTION	Medications	1,000 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes

Discharge Nursing Orders

ONC NURSING COMMUNICATION 76

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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).

Day 15

Perform every 1 day x1

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

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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"
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Nursing Orders

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Interval: --

Occurrences: --

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HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

Line Flush

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Dose: 20 mL

Route: intravenous

PRN

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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

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Instructions:

To keep vein open.

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Dose: 16 mg

Route: intravenous

once over 15 Minutes for 1 dose

Start: S

End: S 11:00 AM

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

ONDANSETRON

Medications

16 mg

Main

No

HCL (PF) 4 MG/2

Ingredient

ML INJECTION

SOLUTION

DEXTROSE 5 % IN Base

50 mL

Always

Yes

WATER (D5W)

INTRAVENOUS

SOLUTION

Antiemetics

promethazine (PHENERGAN) injection 12.5 mg

Dose: 12.5 mg

Route: injection

once PRN

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