

OP APLM4 SECOND CONSOLIDATION

Types: ONCOLOGY TREATMENT

Synonyms: ACUTE, PROMYEL, APL, ATRA, IDAR, ATO, ARSE, TRIO, ALL, TRANS, RETINO, SECOND, CONSOL, ARSENIC

Take-Home Medications	Repeat 1 time	Cycle length: 1 day
Day 1		Perform every 1 day x1
Take-Home Medications Prior to Treatment		
tretinoin (VESANOID) 10 mg chemo capsule		
Dose: 22.5 mg/m2	Route: oral	2 times daily
Dispense: --	Refills: --	
Start: S		
Instructions: DO NOT CRUSH, CHEW, OR DISSOLVE CAPSULE. Administer with meals.		
Cycle 1		
	Repeat 1 time	Cycle length: 35 days
Days 1,2,3,4,5		Perform every 1 day x5
Appointment Requests		
INFUSION APPOINTMENT REQUEST		
Interval: --	Occurrences: --	
Labs		
<input checked="" type="checkbox"/> CBC WITH PLATELET AND DIFFERENTIAL		
Interval: --	Occurrences: --	
<input checked="" type="checkbox"/> COMPREHENSIVE METABOLIC PANEL		
Interval: --	Occurrences: --	
<input checked="" type="checkbox"/> MAGNESIUM LEVEL		
Interval: --	Occurrences: --	
<input type="checkbox"/> LDH		
Interval: --	Occurrences: --	
<input type="checkbox"/> URIC ACID LEVEL		
Interval: --	Occurrences: --	
Nursing Orders		
ONC NURSING COMMUNICATION 67		
Interval: --	Occurrences: --	
Comments:	Supplement to maintain magnesium GREATER than 2 and potassium GREATER than 4. Refer to Potassium Replacement Scale.	
Line Flush		
sodium chloride 0.9 % flush 20 mL		
Dose: 20 mL	Route: intravenous	PRN
Start: S		
Pre-Medications		
ondansetron (ZOFTRAN) tablet 8 mg		
Dose: 8 mg	Route: oral	once for 1 dose
Start: S		
Chemotherapy		
arsenic trioxide (TRISENOX) 0.15 mg/kg in sodium chloride 0.9% 250 mL chemo IVPB		
Dose: 0.15 mg/kg	Route: intravenous	once over 2 Hours for 1 dose
		Offset: 30 Minutes

Instructions:

This drug requires close monitoring of electrolytes. Check electrolytes twice weekly and supplement to keep magnesium greater than 2 and potassium greater than 4.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ARSENIC TRIOXIDE 2 MG/ML INTRAVENOUS SOLUTION	Medications	0.15 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes

Electrolyte Replacement

TREATMENT CONDITIONS 39

Interval: -- Occurrences: --
 Comments: Potassium (Normal range 3.5 to 5.0mEq/L)

- o Serum potassium less than 2.9mEq/L, Call MD/NP
- o Serum potassium 3.0 to 3.5mEq/L, give 40mEq KCL IV and 40mEq KCL PO and notify MD/NP
- o Serum potassium 3.6 to 3.9mEq/L, give 40mEq KCL IV or PO
- o Serum potassium 4 mEq/L or greater, do not give potassium replacement

potassium chloride 20 mEq in 100 mL IVPB (FOR CENTRAL LINE ONLY)

Dose: 20 mEq Route: intravenous every 1 hour prn over 60 Minutes for 2 doses
Start: S

potassium chloride (KLOR-CON) packet 40 mEq

Dose: 40 mEq Route: oral once PRN
Start: S

Instructions:

Dissolve contents of each packet in 4 oz. of water or other beverage.

Electrolyte Replacement

TREATMENT CONDITIONS 40

Interval: -- Occurrences: --
 Comments: Magnesium (Normal range 1.6 to 2.6mEq/L)

- o Serum Magnesium less than 1.1mEq/L, Call MD/NP
- o Serum Magnesium 1.2 to 1.5mEq/L, give 4 gram magnesium sulfate IV
- o Serum Magnesium 1.6 to 1.9mEq/L, give 2 gram magnesium sulfate IV
- o Serum Magnesium 2 mEq/L or greater, do not give magnesium replacement

magnesium sulfate 2 g/50 mL IVPB (premix)

Dose: 2 g Route: intravenous once PRN @ 25 mL/hr over 1 Hours
Start: S

magnesium sulfate 4 g IVPB (premix)

Dose: 4 g Route: intravenous once PRN over 2 Hours
Start: S

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.

Days 8,9,10,11,12

Perform every 1 day x5

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

LDH

Interval: -- Occurrences: --

URIC ACID LEVEL

Interval: -- Occurrences: --

Nursing Orders

ONC NURSING COMMUNICATION 67

Interval: -- Occurrences: --

Comments: Supplement to maintain magnesium GREATER than 2 and potassium
GREATER than 4. Refer to Potassium Replacement Scale.

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN

Start: S

Pre-Medications

ondansetron (ZOFTRAN) tablet 8 mg

Dose: 8 mg Route: oral once for 1 dose

Start: S

Chemotherapy

**arsenic trioxide (TRISENOX) 0.15 mg/kg in
sodium chloride 0.9% 250 mL chemo IVPB**

Dose: 0.15 mg/kg Route: intravenous once over 2 Hours for 1 dose
Offset: 30 Minutes

Instructions:

This drug requires close monitoring of
electrolytes. Check electrolytes twice weekly
and supplement to keep magnesium greater

than 2 and potassium greater than 4.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
ARSENIC TRIOXIDE 2 MG/ML INTRAVENOUS SOLUTION	Medications	0.15 mg/kg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes

Electrolyte Replacement

TREATMENT CONDITIONS 39

Interval: -- Occurrences: --
 Comments: Potassium (Normal range 3.5 to 5.0mEq/L)

- o Serum potassium less than 2.9mEq/L, Call MD/NP
- o Serum potassium 3.0 to 3.5mEq/L, give 40mEq KCL IV and 40mEq KCL PO and notify MD/NP
- o Serum potassium 3.6 to 3.9mEq/L, give 40mEq KCL IV or PO
- o Serum potassium 4 mEq/L or greater, do not give potassium replacement

potassium chloride 20 mEq in 100 mL IVPB (FOR CENTRAL LINE ONLY)

Dose: 20 mEq Route: intravenous every 1 hour prn over 60 Minutes for 2 doses
 Start: S

potassium chloride (KLOR-CON) packet 40 mEq

Dose: 40 mEq Route: oral once PRN
 Start: S
 Instructions:
 Dissolve contents of each packet in 4 oz. of water or other beverage.

Electrolyte Replacement

TREATMENT CONDITIONS 40

Interval: -- Occurrences: --
 Comments: Magnesium (Normal range 1.6 to 2.6mEq/L)

- o Serum Magnesium less than 1.1mEq/L, Call MD/NP
- o Serum Magnesium 1.2 to 1.5mEq/L, give 4 gram magnesium sulfate IV
- o Serum Magnesium 1.6 to 1.9mEq/L, give 2 gram magnesium sulfate IV
- o Serum Magnesium 2 mEq/L or greater, do not give magnesium replacement

magnesium sulfate 2 g/50 mL IVPB (premix)

Dose: 2 g Route: intravenous once PRN @ 25 mL/hr over 1 Hours
 Start: S

magnesium sulfate 4 g IVPB (premix)

Dose: 4 g Route: intravenous once PRN over 2 Hours
 Start: S

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.

Days 15,16,17,18,19

Perform every 1 day x5

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

LDH

Interval: -- Occurrences: --

URIC ACID LEVEL

Interval: -- Occurrences: --

Nursing Orders

ONC NURSING COMMUNICATION 67

Interval: -- Occurrences: --

Comments: Supplement to maintain magnesium GREATER than 2 and potassium GREATER than 4. Refer to Potassium Replacement Scale.

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN

Start: S

Pre-Medications

ondansetron (ZOFTRAN) tablet 8 mg

Dose: 8 mg Route: oral once for 1 dose

Start: S

Chemotherapy

arsenic trioxide (TRISENOX) 0.15 mg/kg in

sodium chloride 0.9% 250 mL chemo IVPB

Dose: 0.15 mg/kg Route: intravenous once over 2 Hours for 1 dose

Offset: 30 Minutes

Instructions:

This drug requires close monitoring of electrolytes. Check electrolytes twice weekly and supplement to keep magnesium greater than 2 and potassium greater than 4.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ARSENIC	Medications	0.15	Main	Yes

TRIOXIDE 2 MG/ML INTRAVENOUS SOLUTION		mg/kg	Ingredient		
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes	
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes	

Electrolyte Replacement

TREATMENT CONDITIONS 39

Interval: -- Occurrences: --
 Comments: Potassium (Normal range 3.5 to 5.0mEq/L)
 o Serum potassium less than 2.9mEq/L, Call MD/NP
 o Serum potassium 3.0 to 3.5mEq/L, give 40mEq KCL IV and 40mEq KCL PO and notify MD/NP
 o Serum potassium 3.6 to 3.9mEq/L, give 40mEq KCL IV or PO
 o Serum potassium 4 mEq/L or greater, do not give potassium replacement

potassium chloride 20 mEq in 100 mL IVPB (FOR CENTRAL LINE ONLY)

Dose: 20 mEq Route: intravenous every 1 hour prn over 60 Minutes for 2 doses
 Start: S

potassium chloride (KLOR-CON) packet 40 mEq

Dose: 40 mEq Route: oral once PRN
 Start: S
 Instructions:
 Dissolve contents of each packet in 4 oz. of water or other beverage.

Electrolyte Replacement

TREATMENT CONDITIONS 40

Interval: -- Occurrences: --
 Comments: Magnesium (Normal range 1.6 to 2.6mEq/L)
 o Serum Magnesium less than 1.1mEq/L, Call MD/NP
 o Serum Magnesium 1.2 to 1.5mEq/L, give 4 gram magnesium sulfate IV
 o Serum Magnesium 1.6 to 1.9mEq/L, give 2 gram magnesium sulfate IV
 o Serum Magnesium 2 mEq/L or greater, do not give magnesium replacement

magnesium sulfate 2 g/50 mL IVPB (premix)

Dose: 2 g Route: intravenous once PRN @ 25 mL/hr over 1 Hours
 Start: S

magnesium sulfate 4 g IVPB (premix)

Dose: 4 g Route: intravenous once PRN over 2 Hours
 Start: S

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.

Days 22,23,24,25,26

Perform every 1 day x5

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

LDH

Interval: -- Occurrences: --

URIC ACID LEVEL

Interval: -- Occurrences: --

Nursing Orders

ONC NURSING COMMUNICATION 67

Interval: -- Occurrences: --
Comments: Supplement to maintain magnesium GREATER than 2 and potassium GREATER than 4. Refer to Potassium Replacement Scale.

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN
Start: S

Pre-Medications

ondansetron (ZOFTRAN) tablet 8 mg

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

Chemotherapy

arsenic trioxide (TRISENOX) 0.15 mg/kg in sodium chloride 0.9% 250 mL chemo IVPB

Dose: 0.15 mg/kg Route: intravenous once over 2 Hours for 1 dose
Offset: 30 Minutes

Instructions:
This drug requires close monitoring of electrolytes. Check electrolytes twice weekly and supplement to keep magnesium greater than 2 and potassium greater than 4.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ARSENIC	Medications	0.15	Main	Yes
	TRIOXIDE 2 MG/ML		mg/kg	Ingredient	
	INTRAVENOUS SOLUTION				

SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes

Electrolyte Replacement

TREATMENT CONDITIONS 39

Interval: -- Occurrences: --
 Comments: Potassium (Normal range 3.5 to 5.0mEq/L)

- o Serum potassium less than 2.9mEq/L, Call MD/NP
- o Serum potassium 3.0 to 3.5mEq/L, give 40mEq KCL IV and 40mEq KCL PO and notify MD/NP
- o Serum potassium 3.6 to 3.9mEq/L, give 40mEq KCL IV or PO
- o Serum potassium 4 mEq/L or greater, do not give potassium replacement

potassium chloride 20 mEq in 100 mL IVPB (FOR CENTRAL LINE ONLY)

Dose: 20 mEq Route: intravenous every 1 hour prn over 60 Minutes for 2 doses
 Start: S

potassium chloride (KLOR-CON) packet 40 mEq

Dose: 40 mEq Route: oral once PRN
 Start: S
 Instructions:
 Dissolve contents of each packet in 4 oz. of water or other beverage.

Electrolyte Replacement

TREATMENT CONDITIONS 40

Interval: -- Occurrences: --
 Comments: Magnesium (Normal range 1.6 to 2.6mEq/L)

- o Serum Magnesium less than 1.1mEq/L, Call MD/NP
- o Serum Magnesium 1.2 to 1.5mEq/L, give 4 gram magnesium sulfate IV
- o Serum Magnesium 1.6 to 1.9mEq/L, give 2 gram magnesium sulfate IV
- o Serum Magnesium 2 mEq/L or greater, do not give magnesium replacement

magnesium sulfate 2 g/50 mL IVPB (premix)

Dose: 2 g Route: intravenous once PRN @ 25 mL/hr over 1 Hours
 Start: S

magnesium sulfate 4 g IVPB (premix)

Dose: 4 g Route: intravenous once PRN over 2 Hours
 Start: S

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.

Days 29,30,31,32,33

Perform every 1 day x5

Appointment Requests

INFUSION APPOINTMENT REQUEST

Interval: -- Occurrences: --

Labs

CBC WITH PLATELET AND DIFFERENTIAL

Interval: -- Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: -- Occurrences: --

MAGNESIUM LEVEL

Interval: -- Occurrences: --

LDH

Interval: -- Occurrences: --

URIC ACID LEVEL

Interval: -- Occurrences: --

Nursing Orders

ONC NURSING COMMUNICATION 67

Interval: -- Occurrences: --
Comments: Supplement to maintain magnesium GREATER than 2 and potassium GREATER than 4. Refer to Potassium Replacement Scale.

Line Flush

sodium chloride 0.9 % flush 20 mL

Dose: 20 mL Route: intravenous PRN
Start: S

Pre-Medications

ondansetron (ZOFTRAN) tablet 8 mg

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

Chemotherapy

arsenic trioxide (TRISENOX) 0.15 mg/kg in sodium chloride 0.9% 250 mL chemo IVPB

Dose: 0.15 mg/kg Route: intravenous once over 2 Hours for 1 dose
Offset: 30 Minutes

Instructions:
This drug requires close monitoring of electrolytes. Check electrolytes twice weekly and supplement to keep magnesium greater than 2 and potassium greater than 4.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ARSENIC TRIOXIDE 2 MG/ML INTRAVENOUS SOLUTION	Medications	0.15 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 %	QS Base	250 mL	Yes	Yes

INTRAVENOUS
SOLUTION
DEXTROSE 5 % IN QS Base 250 mL No Yes
WATER (D5W)
INTRAVENOUS
SOLUTION

Electrolyte Replacement

TREATMENT CONDITIONS 39

Interval: -- Occurrences: --
Comments: Potassium (Normal range 3.5 to 5.0mEq/L)
o Serum potassium less than 2.9mEq/L, Call MD/NP
o Serum potassium 3.0 to 3.5mEq/L, give 40mEq KCL IV and 40mEq KCL PO and notify MD/NP
o Serum potassium 3.6 to 3.9mEq/L, give 40mEq KCL IV or PO
o Serum potassium 4 mEq/L or greater, do not give potassium replacement

potassium chloride 20 mEq in 100 mL IVPB (FOR CENTRAL LINE ONLY)

Dose: 20 mEq Route: intravenous every 1 hour prn over 60 Minutes for 2 doses
Start: S

potassium chloride (KLOR-CON) packet 40 mEq

Dose: 40 mEq Route: oral once PRN
Start: S
Instructions:
Dissolve contents of each packet in 4 oz. of water or other beverage.

Electrolyte Replacement

TREATMENT CONDITIONS 40

Interval: -- Occurrences: --
Comments: Magnesium (Normal range 1.6 to 2.6mEq/L)
o Serum Magnesium less than 1.1mEq/L, Call MD/NP
o Serum Magnesium 1.2 to 1.5mEq/L, give 4 gram magnesium sulfate IV
o Serum Magnesium 1.6 to 1.9mEq/L, give 2 gram magnesium sulfate IV
o Serum Magnesium 2 mEq/L or greater, do not give magnesium replacement

magnesium sulfate 2 g/50 mL IVPB (premix)

Dose: 2 g Route: intravenous once PRN @ 25 mL/hr over 1 Hours
Start: S

magnesium sulfate 4 g IVPB (premix)

Dose: 4 g Route: intravenous once PRN over 2 Hours
Start: S

Discharge Nursing Orders

ONC NURSING COMMUNICATION 76

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

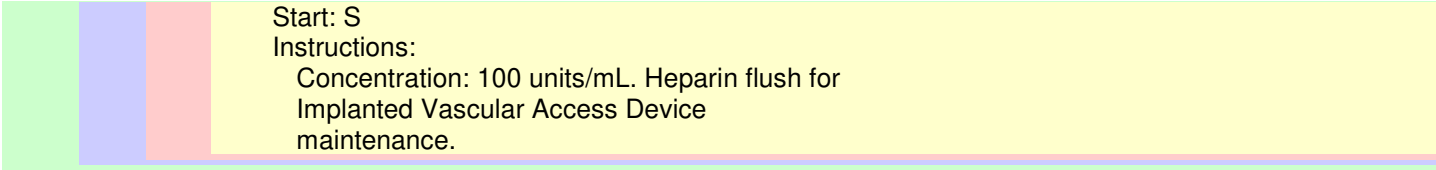
Discharge Nursing Orders

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.