

IP AVD / BRENTUXIMAB

Types: ONCOLOGY TREATMENT

Synonyms: ABVD, LYMPHOMA, BRENTUXIMAB, VINBLASTINE, DOXORUBICIN, DACARBAZINE, HODGKINS, ADCETRIS

Cycle 1	Repeat 1 time	Cycle length: 28 days
Day 1		Perform every 1 day x1
Provider Communication		
ONC PROVIDER COMMUNICATION 5 Interval: Once Occurrences: -- Comments: Use baseline weight to calculate dose. Adjust dose for weight gains/losses of greater than or equal to 10%.		
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: --		
<input type="checkbox"/> LDH Interval: Once Occurrences: --		
<input type="checkbox"/> URIC ACID LEVEL Interval: Once Occurrences: --		
<input type="checkbox"/> ECHOCARDIOGRAM COMPLETE W CONTRAST AND 3D IF NEEDED Interval: 1 time imaging Occurrences: --		
Nursing Orders		
TREATMENT CONDITIONS 7 Interval: Until discontinued 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 Instructions: To keep vein open.		
Hydration		
sodium chloride 0.9 % infusion Dose: 100 mL/hr Route: intravenous continuous Start: S		
Pre-Medications		

DOXORUBICIN 50 MG/25 ML INTRAVENOUS SOLUTION	Medications	25 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

vinBLASTine (VELBAN) 6 mg/m2 in sodium chloride 0.9% 50 mL chemo IVPB

Dose: 6 mg/m2 Route: intravenous once over 15 Minutes for 1 dose
Offset: 45 Minutes

Instructions:
FOR IV USE ONLY. Fatal if given intrathecally.
Protect from light, VESICANT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	VINBLASTINE 1 MG/ML INTRAVENOUS SOLUTION	Medications	6 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

dacarbazine (DTIC) 375 mg/m2 in sodium chloride 0.9% 500 mL chemo IVPB

Dose: 375 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
Offset: 1 Hours

Instructions:
Protect from light.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DACARBAZINE 200 MG INTRAVENOUS SOLUTION	Medications	375 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes

brentuximab vedotin (ADCETRIS) 1.2 mg/kg in sodium chloride 0.9% 100 mL IVPB

Dose: 1.2 mg/kg Route: intravenous once over 30 Minutes for 1 dose
Offset: 2 Hours

Instructions:
Max dose = 180 mg.
Rule-Based Template: RULE ONCBCN
BRENTUXIMAB 1.2MG/KG

Conditions:
kg >= 150 kg
kg < 150 kg

Modifications:
Set dose to 180 mg
Set dose to 1.2 mg/kg

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	BRENTUXIMAB VEDOTIN 50 MG INTRAVENOUS	Medications	1.2 mg/kg	Main Ingredient	No

SOLUTION
SODIUM QS Base 100 mL Yes Yes
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION

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

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 15

Perform every 1 day x1

Labs

COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

CBC WITH PLATELET AND DIFFERENTIAL

Interval: Once Occurrences: --

MAGNESIUM LEVEL

Interval: Once Occurrences: --

LDH

Interval: Once Occurrences: --

URIC ACID LEVEL

Interval: Once Occurrences: --

**ECHOCARDIOGRAM COMPLETE W
CONTRAST AND 3D IF NEEDED**

Interval: 1 time imaging Occurrences: --

Nursing Orders

TREATMENT CONDITIONS 7

Interval: Until Occurrences: --

discontinued

Comments:

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

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Instructions:

To keep vein open.

Pre-Medications

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

Dose: -- Route: intravenous once over 15 Minutes for 1 dose

Start: S

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Yes	No
DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	12 mg	Yes	No
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

ondansetron (ZOFRAN) tablet 16 mg

Dose: 16 mg Route: oral once for 1 dose

Start: S

dexamethasone (DECADRON) tablet 12 mg

Dose: 12 mg Route: oral once for 1 dose

Start: S

palonosetron (ALOXI) injection 0.25 mg

Dose: 250 mcg Route: intravenous once for 1 dose

Start: S

Instructions:

For OUTPATIENT use only.

□ **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

Chemotherapy

DOXOrubicin (ADRIAmycin) 25 mg/m2 in sodium chloride 0.9% 50 mL chemo IVPB

Dose: 25 mg/m2

Route: intravenous

once over 15 Minutes for 1 dose

Offset: 30 Minutes

Instructions:

Protect from light; VESICANT

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
DOXORUBICIN 50 MG/25 ML INTRAVENOUS SOLUTION	Medications	25 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

vinBLAstine (VELBAN) 6 mg/m2 in sodium chloride 0.9% 50 mL chemo IVPB

Dose: 6 mg/m2

Route: intravenous

once over 15 Minutes for 1 dose

Offset: 45 Minutes

Instructions:

FOR IV USE ONLY. Fatal if given intrathecally.

Protect from light, VESICANT

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
VINBLASTINE 1 MG/ML INTRAVENOUS SOLUTION	Medications	6 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

dacarbazine (DTIC) 375 mg/m2 in sodium chloride 0.9% 500 mL chemo IVPB

Dose: 375 mg/m2

Route: intravenous

once over 60 Minutes for 1 dose

Offset: 1 Hours

Instructions:
Protect from light.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
DACARBAZINE 200 MG INTRAVENOUS SOLUTION	Medications	375 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes

brentuximab vedotin (ADCETRIS) 1.2 mg/kg in sodium chloride 0.9% 100 mL IVPB

Dose: 1.2 mg/kg Route: intravenous once over 30 Minutes for 1 dose
Offset: 2 Hours

Instructions:
Max dose = 180 mg.
Rule-Based Template: RULE ONCBCN
BRENTUXIMAB 1.2MG/KG

Conditions:
kg >= 150 kg
kg < 150 kg

Modifications:
Set dose to 180 mg
Set dose to 1.2 mg/kg

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
BRENTUXIMAB VEDOTIN 50 MG INTRAVENOUS SOLUTION	Medications	1.2 mg/kg	Main Ingredient	No
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	100 mL	Yes	Yes