

(place patient label here)

Patient Name: \_\_\_\_\_



PROVIDER ORDERS

Order Set Directions:

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Diagnosis: \_\_\_\_\_

Allergies with reaction type: \_\_\_\_\_

ED Anticoagulation Reversal

Version 1 8/18/15

Nursing Orders

- Vital signs per unit standard
- Vital signs non unit standard \_\_\_\_\_
- Cardiac monitor
- Pulse oximetry continuous
- Oxygen Delivery RN/RT to Determine Titrage to maintain Oxygen saturation greater than 90%
- Assess neurologic status
- IF Kcentra ordered redraw PT and INR 30 minutes after infusion completed

IV/ Line Placement

- Peripheral IV insert/maintain x 2

For patients who have serious or life-threatening bleeding associated with warfarin use

- Up to Date Reversal of anticoagulation in warfarin-associated intracerebral hemorrhage (see link)
- BENEFIS Pharmacy recommendations for reversal of anticoagulation in warfarin-associated intracerebral hemorrhage (see link)

Medications

- Select vitamin K with one KCentra phytonadione (VITAMIN K) in 50 mL Normal Saline
  - 10 milligram intravenously once Infuse over 15 minutes
- Kcentra
  - 25 unit/kilogram intravenously [MAX 2500 units] Select for INR 2 to less than 4; Infusion rate not to exceed 8.4 mL/min (210 units/minute)
  - 35 unit/kilogram intravenously [MAX 3500 units] Select for INR 4-6; Infusion rate not to exceed 8.4 mL/min (210 units/minute)
  - 50 unit/kilogram intravenously [MAX 5000 units] Select for INR greater than 6; Infusion rate not to exceed 8.4 mL/min (210 units/minute)

Laboratory

- PT (PROTIME AND INR)

For patients who have serious or life-threatening bleeding associated with target-specific oral anticoagulants

- For Up to Date recommendations for management of bleeding in patients receiving target specific oral anticoagulants see attached link.

For direct thrombin inhibitor: dabigatran (PRADAXA) related bleeding

- For BENEFIS pharmacy recommendations for management of bleeding in patients receiving dabigatran (PRADAXA) see attached link.
- Emergent hemodialysis is recommended. Each hemodialysis session will remove ~65% of remaining dabigatran over 4 hours

Medications

- If the last dose within 2-3 hours SELECT activated charcoal
  - 50 gram orally once

Initials \_\_\_\_\_

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- Consider the following IF risk of death imminent (see up to date or Benefis pharmacy links above for more information)
- Select vitamin K with KCentra  
Kcentra
  - 50 unit/kilogram intravenously [MAX 5000 units]; Infusion rate not to exceed 8.4 mL/min (210 units/minute)phytonadione (VITAMIN K) in 50 mL Normal Saline
  - 10 milligram intravenously once Infuse over 15 minutestranexamic acid (CYKLOKAPRON)
  - 10 milligram/kilogram BOLUS intravenously onceLaboratory
  - PTT

For direct factor Xa inhibitors: rivaroxaban (XARELTO), apixaban (ELIQUIS) or edoxaban (SAVAYSA) related bleeding

- For BENEFIS pharmacy recommendations for management of bleeding in patients receiving direct factor Xa inhibitors: rivaroxaban (XARELTO), apixaban (ELIQUIS) or edoxaban (SAVAYSA) see attached link.

- Consider FFP

Medications

- If the last dose within 2-6 hours SELECT activated charcoal
  - 50 gram orally once
- Select vitamin K with KCentra  
Kcentra
  - 50 unit/kilogram intravenously [MAX 5000 units]; Infusion rate not to exceed 8.4 mL/min (210 units/minute)phytonadione (VITAMIN K) in 50 mL Normal Saline
  - 10 milligram intravenously once Infuse over 15 minutes

Laboratory

- PT may be used as a qualitative, NOT quantitative, measure of anticoagulation
- INR should NOT be used for evaluation of rivaroxaban, apixaban or edoxaban
  - PT (PROTIME AND INR)
  - HEPARIN ANTI-Xa, LOW MOLEC WT

Additional Laboratory

- CBC/AUTO DIFF

Blood Bank

- TYPE AND SCREEN (Select only if not ordering blood products)

Fresh Frozen Plasma (FFP) Orders:

FFP (BBK)

- Quantity: \_\_\_\_\_
- If product is for OR, when (if known): \_\_\_\_\_
- Special Instructions for Blood Bank: \_\_\_\_\_

FFP Transfuse Nurse Instructions

- units to transfuse: \_\_\_\_\_
- Hold maintenance IV fluid during transfusion [ ] Yes [ ] No
- Additional instructions for nursing: \_\_\_\_\_ Use Normal Saline ONLY with transfusion of FFP. May start second Peripheral IV if needed for transfusion

Packed Cells (RBC) Orders:

Initials \_\_\_\_\_

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Patient Name: \_\_\_\_\_



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Packed Cells (TYPE & CROSS) (BBK)

- Quantity: \_\_\_\_\_
- Irradiated
- CMV negative
- If product is for OR, when (if know) \_\_\_\_\_
- Additional Instructions for Blood Bank: \_\_\_\_\_

Packed Cell Transfuse Nurse Instructions

- units to transfuse: \_\_\_\_\_
- milliliters to transfuse: \_\_\_\_\_
- Duration: \_\_\_\_\_
- Hold maintenance IV fluid during transfusion [ ] Yes [ ] No
- Additional instructions for nursing: \_\_\_\_\_ Use  
Normal Saline ONLY with transfusion of packed cells
- Packed Cell Units to keep ahead: \_\_\_\_\_

Platelet Orders:

Platelets (BBK)

- Quantity: \_\_\_\_\_
- Irradiated
- CMV negative
- If product is for OR, when (if known) \_\_\_\_\_
- Special Instructions for Blood Bank: \_\_\_\_\_

Platelet Transfuse Nurse Instructions

- units to transfuse: \_\_\_\_\_
- Duration: \_\_\_\_\_
- Hold maintenance IV fluid during transfusion [ ] Yes [ ] No
- Additional instructions for nursing: \_\_\_\_\_ Use  
Normal Saline ONLY with transfusion of platelets. May start second Peripheral IV if needed for transfusion

Provider Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_