

## Packed Red Blood Cell Administration Order Set (Adult)

### Consent

Ensure consent for blood products has been obtained prior to initiation of transfusion

### Vitals

Baseline T, HR, RR, BP, SpO<sub>2</sub> prior to transfusion

T, HR, RR, BP, SpO<sub>2</sub> 15 minutes post initiation of transfusion, then every 60 minutes until 1 hour post completion of transfusion

### Lab Investigations

#### Pre Transfusion

If not previously completed:  CBC     APTT     INR     Type + Screen  
 Fibrinogen level     Ca     Mg

#### Post Transfusion

CBC:  When packed red blood cell transfusion completed     Next a.m.     On \_\_\_\_\_ (date, time)

### Management of Blood Products Administration Side Effects

\*\*\*max acetaminophen from all sources 4,000 mg in 24 hours\*\*\*

Consider if previous transfusion reaction:

acetaminophen 650 mg PO/NG/PR immediately prior to transfusion

diphenhydrAMINE 50 mg PO/IV immediately prior to transfusion

### Transfusion of Blood Products

Reason for transfusion: \_\_\_\_\_

Current Hgb (g/L): \_\_\_\_\_  Target Hgb (g/L): \_\_\_\_\_

Transfuse \_\_\_\_\_ units of packed red blood cells each over \_\_\_\_\_ hour(s)

Furosemide \_\_\_\_\_ mg IV to be given \_\_\_\_\_

### Transfusion Reaction Treatment

\*\*\*max acetaminophen from all sources 4,000 mg in 24 hours\*\*\*

If transfusion reaction occurs (e.g. allergic reaction, T greater than 38°C and/or rise in T of 1°C, urticaria, rigors):

Notify MD

Stop transfusion of blood products

Notify Blood Bank of reaction and complete transfusion reaction form

Blood sample for transfusion reaction

Urine for transfusion reaction

acetaminophen 650 mg PO/NG/PR STAT

diphenhydrAMINE 50 mg IV STAT

\_\_\_\_\_  
Physician/Practitioner Signature

\_\_\_\_\_  
Print Name/Designation

\_\_\_\_\_  
Date

\_\_\_\_\_  
Time

Transcribed By: \_\_\_\_\_ Designation \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Checked By: \_\_\_\_\_ Designation \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Sent to Pharmacy    Date \_\_\_\_\_    Time \_\_\_\_\_