

## **Blood and Blood product transfusion**

### **TRANSFER CRITERIA**

Symptomatic anemia or thrombocytopenia  
Deficiency correctable by transfusion  
Stable vital signs with recent labs verifying need for transfusion

### **EXCLUSION CRITERIA**

Unstable vital signs  
Active bleeding present unless transfusing platelets for thrombocytopenia and patient otherwise stable

### **OBSERVATION UNIT TREATMENT**

IV started, IV hydration as needed  
Type and Crossmatch sent if not previously done  
Transfuse only leukocyte-reduced red cells or platelets per Nursing protocol - if not available a leukocyte-reduction filter (i.e., Pall or Sepacell) should be provided by the Blood Bank with the component to be transfused.  
Repeat CBC following transfusion.

### **DISPOSITION**

Home                   - Stable vital signs  
                              Symptoms improved  
                              No fever for 1 hour after 1 unit PRBC's or 1 dose of platelets,  
  for 2 hours after 2 units PRBC's  
                              No evidence of fluid overload or CHF  
                              No evidence of transfusion reaction per Nursing protocol  
                              Satisfactory increase in hemoglobin following transfusion

Hospital               - Transfusion reaction  
                              Unstable vital signs  
                              Fluid overload, CHF

**TIME FRAME**               4-12 Hours