

# Therapeutic Apheresis Orders(SCD non-Acute)

Hospital: \_\_\_\_\_ Room # \_\_\_\_\_ Requested Date of Procedure \_\_\_\_\_

Patient Name: \_\_\_\_\_ Patient MR#: \_\_\_\_\_ Date of Birth \_\_\_\_\_

Height: \_\_\_\_\_ Weight: \_\_\_\_\_ Gender  Male  Female Blood Type \_\_\_\_\_

Diagnosis:  Sickle Cell non-Acute \_\_\_\_\_ Allergies: \_\_\_\_\_

Consent(s) obtained?: For Procedure \_\_\_\_\_ For Blood Products: \_\_\_\_\_

Contact Surgeon for Catheter Insertion:  STAT  within 4 hrs.  by 8 AM next day

Type of apheresis access (trialsysis preferred) \_\_\_\_\_ Order written for "Clear to use" \_\_\_\_\_

Other significant diseases:  Heart Disease Specify \_\_\_\_\_  
 Renal Failure  Clotting/Bleeding Condition  Recent Surgery

## Apheresis Orders

Type of Apheresis

Red Cell Depletion/Exchange  Plasmapheresis/Plasma Exchange  
 Red Cell Exchange  Plateletpheresis/Platelet Depletion  
 Red Cell Depletion  Leukapheresis/White Cell Depletion

LifeSouth Community Blood Centers staff to perform therapeutic apheresis procedure(s) as follows:

Frequency: X\_Once \_\_\_2x Week \_\_\_Every \_\_\_ Weeks  
\_\_\_Daily \_\_\_3x Week \_\_\_Other: \_\_\_\_\_

### EVENINGS AND WEEKENDS RESERVED FOR EMERGENCIES ONLY

Stop procedures when: \_\_\_Target Hemoglobin S level is achieved \_\_\_\_\_

Type of Anticoagulant:  ACDA  None  Other \_\_\_\_\_

Volume to be exchanged:  1.0X  Other \_\_\_ As needed to achieve target Hgb S \_\_\_\_\_

Fluid balance:  100%  other \_\_\_\_\_%

Blood Prime:  No  Yes, if <25 kg)  other \_\_\_\_\_

Replacement Fluids:

5% Albumin \_\_\_\_\_ mL  FFP \_\_\_\_\_ units

Albumin 5% with normal saline (2:1 ratio as tolerated) \_\_\_\_\_ mL

PRBCs \_\_\_5-8\_\_\_ Hgb S neg\_units  NS  Cryo-poor plasma \_\_\_\_\_ mL

**Telemetry:**  (recommended if receiving blood components or have known CV risk factors)

**Lab Specimens:**

AM Labs: (0400 lab draw) each day of apheresis procedures:

[ x ] CBC [ x ] BMP [ x ] Ionized Calcium [ ] LDH [ ] Haptoglobin

[ ] Peripheral smear for Schistocyte count

Order the following if Albumin or Cryopoor plasma is utilized as replacement fluid:

[ ] PT/PTT [ ] Fibrinogen [ ] Other (list): \_\_\_\_\_

**As Needed Labs:**

IF TTP SUSPECTED: [ ] Type & Screen [ ] AdamTS13 (Routine) [ ] AdamTS13 (STAT)

[ ] LDH [ ] retic count [ ] Indirect Billirubin [ ] DAT/Coombs

IF SICKLE CELL: [ x ] Hgb electrophoresis [ x ] Type & Cross

**If applicable: (Sickle Cell patients only)**

Beginning Hct: \_\_\_\_\_ End target Hct: \_\_\_\_\_30%\_\_\_\_\_

Initial or estimated HgS: \_\_\_\_\_100%\_\_\_\_\_ End target HgS: \_\_\_\_\_30%\_\_\_\_\_

If RBC Depletion requested: Target Hematocrit\_\_\_\_\_

**Medications:**

\_\_ D/C ACE Inhibitors *if using Albumin as replacement fluid* (Date and time of last dose \_\_\_\_\_)

x\_Acetaminophen 650mg PO Pre Apheresis. If unable to tolerate PO, may give per Rectum.

x\_Acetaminophen 650mg PO Every 4 hours PRN Reaction. If unable to tolerate PO, may give per Rectum.

x\_Diphenhydramine 25mg PO/IV Pre Apheresis. If unable to tolerate PO, may give IV.

x\_Diphenhydramine 25mg PO/IV Every 4 hours PRN Reaction. If unable to tolerate PO, may give IV.

\_\_Diphenhydramine 50mg PO/IV Pre Apheresis. If unable to tolerate PO, may give per Rectum.

\_\_Diphenhydramine 50mg PO/IV Every 4 hours PRN Reaction. If unable to tolerate PO, may give per Rectum.

x\_Calcium Gluconate 2 Gms IV over 30 to 60 minutes. May repeat x \_\_1\_\_PRN

\_\_Calcium Gluconate 4 Gms IV over 30 to 60 minutes. May repeat x \_\_\_\_\_PRN

x\_Oxygen 2-4 L per NC for O<sub>2</sub> saturation less than 90% (have available at bedside prior to treatment)

To be administered by hospital nursing staff:

\_\_Lorazepam (ATIVAN) 0.5 to 1 mg PO/IV every 4 hours PRN for anxiety prior to and/or during apheresis

x\_Methylprednisone (SOLUMEDROL) 125 mg IV PRN for allergic reaction. Ensure readily available for emergency.

\_\_Other: \_\_\_\_\_

\_\_\_\_\_

**Other Comments or orders:**

\_\_\_\_\_

\_\_\_\_\_  
Physician Name Physician signature/ Date/ time Physician ID # Physician contact Tel #