**Therapeutic Plasma Exchange Orders - Ruth K. Fredericks, M.D., and Larry Parker, M.D.**

### Admit to:

### Dx:
- CBC, CMP, LDH, PT (if on Coumadin), and PTT
- Other
- Current weight and height

### Pre-Exchange Diagnostic Studies and Interventions (If not already done)
- Dual Lumen Dialysis Catheter placed and verified by X-ray

### Frequency of TPE’s (TPE’s performed during routine hours unless critical. Notify nursing supervisor after hours.)
- Daily
- Every other day
- Other

### Conduct this volume exchange
- 1.0 Plasma Volume Exchange
- 1.5 Plasma Volume Exchange
- Other

### Replacement Fluid (to be used)
- Fresh Frozen Plasma
- Albuminar (albumin) 5%
- Sodium Chloride 0.9%
- Calcium Gluconate 4 grams in 0.9% Sodium Chloride 50 mL to run over total procedure time as drip infusion if using citrate anticoagulant. *(recommended)*

### Anticoagulant
- Heparin 4,000 units bolus, 2,000 units hourly
- Citrate (if Heparin contraindicated)

### In Event of Hypotension, bolus fluid is to be used
- Albuminar (albumin 500 mL’s)
- Sodium Chloride 0.9%

### Daily Lab
- HGB and HCT
- PT (if on Coumadin) and PTT
- CMP

### Number of Treatments
- 3

Plasma Volume =

\[(0.70 \times \text{weight in kg}) \times (100 - \text{Hct})\]

### Total Volume to Exchange
- mL

<table>
<thead>
<tr>
<th>Plasma Volume x number of Exchanges</th>
<th>mL</th>
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### Date

### Time

### Physician Signature