

### **Intravenous IV Desensitization over 1 Day:**

Before starting protocol ensure adequate nursing staff available (1:1 staffing) during the time of the desensitization. In general, this is very difficult to do on evening or night shifts.

Standing orders:

Epinephrine 1:1000 SQ prn for allergic reaction

Diphenhydramine 50mg IV/PO before starting Bag #1 then Q6h thereafter  
(If pO<sub>2</sub> is < 70mmhg, patient may require standard PCP prednisone taper)

Use incremental doses every 20 minutes of the following concentrations:

- Bag #1 TMP 0.16mg/SMX 0.8mg in 50ml D5W - infuse over 20 minutes
- Bag #2 TMP 1.44mg/SMX 7.2mg in 50ml D5W - infuse over 20 minutes
- Bag #3 TMP 8mg/SMX 40mg in 50ml D5W - infuse over 20 minutes
- Bag #4 TMP 16mg/SMX 80mg in 50ml D5W - infuse over 20 minutes
- Bag #5 TMP 80mg/SMX 400mg in 100ml D5W - infuse over 20 minutes
- Bag #6 TMP 120mg/SMX 600mg in 150ml D5W - infuse over 30 minutes
- Bag #7 TMP 240mg/SMX 1200mg in 250ml D5W - infuse over 60 minutes

Follow in 8 hours by 5mg/kg (TMP) dosing every 8 hours for treatment of PCP  
\*(for dosing in renal dysfunction please contact pharmacy)