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| Severity Level/Med | <10kg | >10kg |
| **Mild**  Albuterol | 4 puffs Q 4 hours  +  4 puffs Q 4 hours PRN | 8 puffs Q 4hours  +  8 puffs Q 4 hours PRN |
| Dexamethasone  OR  Prednisone/Prednisolone | *\*Reduce patient to AAP dose (below) prior to discharge*  0.6mg/kg PO daily x 2 (max 16mg/d)  2 mg/kg once (max 60mg) followed by 1 mg/kg PO BID (max 60 mg/day) | |
| **Moderate**  Albuterol | 4 puffs Q 2 hours  +  4 puffs Q 1 hour PRN | 8 puffs Q 2 hours  +  8 puffs Q 1 hour PRN |
| Dexamethasone  OR  Prednisone/Prednisolone | 0.6mg/kg PO daily x 2 (max 16mg/d)  2 mg/kg once (max 60mg) followed by 1 mg/kg PO BID (max 60 mg/day) | |
| **Severe**  Continuous Albuterol  Dexamethasone  Prednisone/-olone | 0.5 mg/kg/hr (max 20 mg/hr)  *\*Round to nearest 5 mg/hr*  0.6 mg/kg PO once (max 16 mg/day)  2 mg/kg once (max 60mg) followed by 1 mg/kg PO BID (max 60 mg/day) | |
| **Initial Treatment ED only**  Combination Neb: Albuterol  +  Ipratropium Bromide | 2.5 mg x 3 = 7.5 mg  +  500 mcg | 5 mg x 3 = 15 mg  +  1000 mcg |
| **Escalation Therapies**  Normal Saline Bolus  +  Magnesium Sulfate  Terbutaline (ED only)  Epinephrine (ED only)  IV Methylprednisolone  Ipratropium Bromide (IP only) | 20 ml/kg IV (1 liter max)  50 mg/kg IV (max 2 g/dose)  10 mcg/kg (max 250 mcg)  0.01 mg/kg (max 0.5 mg/dose)  1mg/kg Q 6 hours (max 60 mg/dose)  <10kg: 250 mcg (2.5 mL) neb Q 6hours (for 24 hours)  >10kg: 500mcg (5ml) neb Q 6hrs (for 24 hours) | |
| **Home Dosing**  Albuterol | < 10 kg: 2 puffs Q4 hrs  > 10 kg: 4 puffs Q4 hrs | |
| **Asthma Action Plan**  Albuterol | Yellow Zone  4 puffs Q4 hrs PRN  Red Zone  8 puffs Q20 mins PRN up to 3 | |