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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 |
| DexamethasoneORPrednisone/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 |
| DexamethasoneORPrednisone/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 AlbuterolDexamethasonePrednisone/-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 SulfateTerbutaline (ED only)Epinephrine (ED only)IV MethylprednisoloneIpratropium 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 Zone4 puffs Q4 hrs PRNRed Zone8 puffs Q20 mins PRN up to 3 |