

# Hypersensitivity Kit

## GUIDELINES FOR TREATMENT OF HYPERSENSITIVITY REACTION

# PEDIATRIC

### All patients:

1. Stop the infusion and notify physician
2. Obtain vitals (BP, HR, RR, O<sub>2</sub> saturation) every 5 minutes initially, then as needed, during treatment

### If patient has Mild/Moderate Reaction:

1. If patient did not have diphenhydramine pre-med, give diphenhydramine 2mg/kg (Max 50 mg) IV push (preferred) or IM x 1 dose
2. If patient had diphenhydramine  $\leq 25$  mg pre-med, give diphenhydramine 1mg/kg (Max 25 mg) IV push (preferred) or IM x 1 dose
3. If patient had diphenhydramine 26-50 mg pre-med, give methylprednisolone (Solu-Medrol) 1mg/kg (Max 60 mg) IV push (preferred) or IM x 1 dose

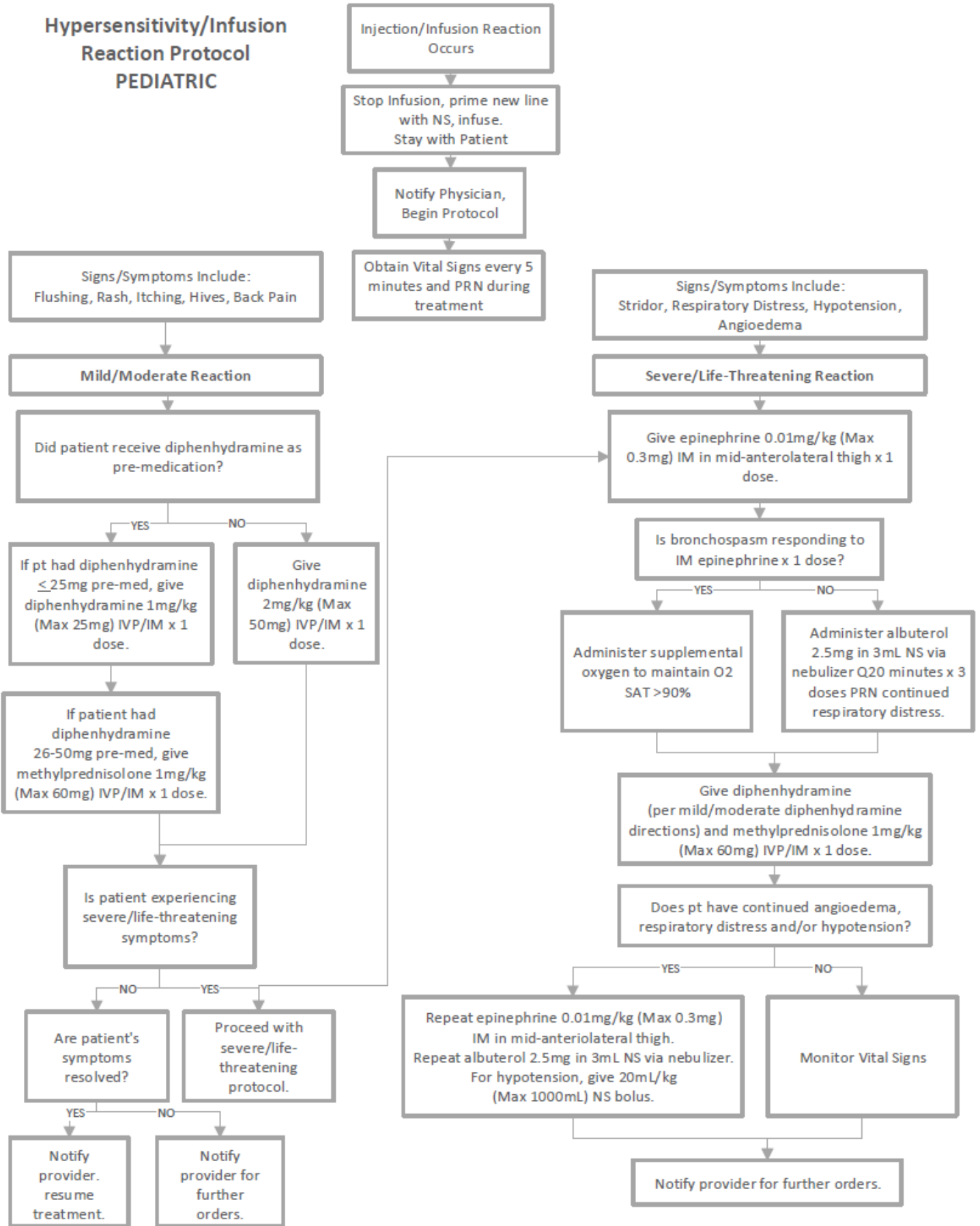
### If patient has Severe/Life-Threatening Reaction:

1. Give EPINEPHrine 0.01 mg/kg (Max 0.3 mg = 0.3 mL of 1 mg/mL solution) IM in mid-antrolateral thigh. May repeat dose every 5 minutes x 2 doses PRN for continued angioedema, respiratory distress and/or SBP < 70 mmHg for ages 1 month - 1 year, < 70 mmHg + (2 x age) for ages 1 year-10 years, < 90 mmHg for ages 11-17 years
2. Administer supplemental oxygen to maintain O<sub>2</sub> Sat > 90%, as needed
3. For bronchospasm not responding to IM EPINEPHrine x 1 dose, administer albuterol 2.5 mg in 3 mL NS via nebulizer every 20 min x 3 doses PRN continued respiratory distress
4. Give methylprednisolone (Solu-Medrol) 1 mg/kg (Max 60 mg) IV push (preferred) or IM x 1 dose and diphenhydramine per Mild/Moderate Reaction (above)
5. For SBP < 70 mmHg for ages 1 month-1 year, < 70 mmHg + (2 x age) for ages 1 year - 10 years, < 90mmHg for ages 11-17 years, give 20ml/kg (Max 1000 mL) NS bolus

See algorithm on next page:

# Hypersensitivity Kit

## Hypersensitivity/Infusion Reaction Protocol PEDIATRIC



# Hypersensitivity Kit

## ADULT

### All patients:

1. Stop the infusion and notify physician
2. Obtain vitals (BP, HR, RR, O2 saturation) every 5 minutes initially, then as needed, during treatment

### If patient has Mild/Moderate Reaction:

1. If patient did not have diphenhydramine pre-med, give diphenhydramine 50 mg IV push (preferred) or IM x 1 dose
2. If patient had diphenhydramine 25 mg pre-med, give diphenhydramine 25 mg IV push (preferred) or IM x 1 dose
3. If patient had diphenhydramine 50 mg pre-med, give methylprednisolone (Solu-Medrol) 125 mg IV push (preferred) or IM x 1 dose

### If patient has a Severe/Life-Threatening Reaction:

1. Give EPINEPHrine 0.3 mg (0.3 mL of 1 mg/mL solution) IM in mid-antrolateral thigh. May repeat dose every 5 -15 minutes x 2 doses PRN for continued angioedema, respiratory distress and/or SBP < 90 mmHg
2. Administer supplemental oxygen to maintain O<sub>2</sub> Sat > 90%, as needed
3. For bronchospasm not responding to IM EPINEPHrine x 1 dose, administer albuterol 5 mg in 3 mL NS via nebulizer q 20 min x 3 doses PRN continued respiratory distress
4. Give methylprednisolone (Solu-Medrol) 125 mg IV push preferred or IM x 1 dose and diphenhydramine per Mild/Moderate Reaction (above)
5. For SBP < 80 mmHg, give 500 mL NS bolus wide open

See Algorithm On next Page:

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## Hypersensitivity/Infusion Reaction Protocol ADULT

