ALLERGIC-LIKE CONTRAST REACTIONS

Call rapid response or code: #__________

PRESENTATION
Urticaria
Bronchospasm
Anaphylaxis

IF
AIRWAY OR CIRCULATORY COMPROMISE
Inspiratory stridor
Expiratory wheeze
Hypotension with tachycardia
Collapse
Unresponsive

THEN
GIVE EPINEPHRINE up to 3x in 15 min

> 30 kg
EpiPen IM

OR

15–30 kg
EpiPen JR IM

OR

< 15 kg or EpiPen Unavailable
Epinephrine 1:10,000 IV
Running in fluids over 1-3 minutes

≥ 10 kg = 1 mL
< 10 kg = 0.1 mL/kg
### ALL CONTRAST REACTIONS

Rapid response or code: #__________

### ALL PATIENTS

Preserve IV access and monitor vitals

O₂ 6-10 L via face mask

### COMMON THERAPIES

#### IV FLUIDS — volume resuscitation

- 20 mL/kg 0.9% normal saline
- Over 5–10 minutes
- Repeat prn

#### ALBUTEROL — isolated wheezing

**Low threshold for using Epinephrine**

<table>
<thead>
<tr>
<th>Weight</th>
<th>MDI</th>
<th>Continuous Nebulizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-10 kg</td>
<td>max 4 puffs</td>
<td>7.5 mg/hour</td>
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<tr>
<td>10-20 kg</td>
<td>max 6 puffs</td>
<td>11.25 mg/hour</td>
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<tr>
<td>&gt;20 kg</td>
<td>max 8 puffs</td>
<td>15 mg/hour</td>
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</tbody>
</table>

#### ATROPINE — hypotension and bradycardia

- In running IV fluids
  - ≥ 25 kg = 0.5 mg
  - < 25 kg = 0.02 mg/kg

#### DIPHENHYDRAMINE — isolated urticaria

- 1 mg/kg max 50 mg PO, IM, or IV
- **Warning:** may mask anaphylaxis and/or cause hypotension

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