

### III. A. URTICARIA: First-Line Treatment for Urticaria:

- Give Diphenhydramine **IM** as follows:

Suggested dosing of Diphenhydramine for <b>children and adults</b>			
Age Group Dose	Weight in lbs.*	Weight in Kg*	Injectable: 50mg/mL IM
7 years	40–56 lbs.	18–25.5 kg	20 mg–25 mg
8–12 years	57–99 lbs.	26–45 kg	25–50 mg <sup>3</sup>
≥13 years <sup>◇</sup>	100+ lbs.	46+ kg	50mg <sup>2</sup> –100 mg <sup>4</sup>

\* Dose by weight is preferred. If weight is not known, dosing by age is appropriate.<sup>4</sup>

◇ Children age ≥13 years, maximum single dose is 100mg.

1. Apply ice to the site where the vaccine was administered. If more than one site is involved, apply ice to the sites that appear to be red, warm, or swelling.
2. Record all medications administered including the time, dosage, response, and the name of the medical personnel who administered the medication.
3. Take and record the patient's vital signs at the initial assessment, and at minimum - every 10 minutes, and following the administration of any additional medication.
4. If the patient is wheezing because of respiratory difficulty, elevate the head and chest slightly; if the patient's blood pressure is decreased and the pulse is weak, lay them flat with feet elevated.
5. Continue to monitor for and treat signs and symptoms progressing towards anaphylaxis when indicated.

**III. B. Optional Treatment: Hydroxyzine Hydrochloride<sup>1-4</sup> for severe urticaria (hives) when diphenhydramine is unavailable:**

**>Administer when diphenhydramine is unavailable<**

- Give **PO** as follows:

Suggested dosing of <b>Hydroxyzine Hydrochloride</b> for <b>children and adults</b>			
<b>Age Group Dose</b>	<b>Weight in lbs*</b>	<b>Weight in Kg*</b>	<b>Liquid: 10mg/5mL or 25mg/5mL</b>
<b>7 years</b>	40–56 lbs	18–25.5 kg	10–12.5mg/dose
<b>8–10 years</b>	57–76 lbs	26–34.5 kg	12.5–15mg/dose
<b>11–12 years</b>	77–99 lbs	35–45 kg	15–25mg/dose
<b>≥13 years</b>	≥100 lbs	≥46 kg	25mg/dose (50–100mg, maximum per day)

**\* NOTE: Dose by weight is preferred. If weight is not known, dosing by age is appropriate.<sup>4</sup>**