ALS STANDING ORDERS: Allergic reactions may be mild to life threatening (termed anaphylaxis), treat based on the following assessment findings:

Reaction with only rash or urticaria and vital signs stable:

→ Pulse oximetry: if room air oxygen saturation less than 95%, manage as reaction includes hypoxia as described below.

→ Transport to nearest appropriate ERC.

Reaction includes facial/cervical angioedema:

► Epinephrine 0.5 mg IM lateral thigh area (1 mg/1 mL concentration) – one time dose, do not administer if history of cardiac disease or Epinephrine Auto-injector administered prior to arrival.

→ Pulse oximetry: if room air oxygen saturation less than 95%:

► Oxygen by mask or nasal cannula (for nasal cannula provide 6 l/min flow rate as tolerated).
► Diphenhydramine (Benadryl®) 50 mg IM or IV once (do not administer if diphenhydramine taken prior to arrival).

→ ALS escort to nearest appropriate ERC.

Reaction includes wheezing or hypoxia (pulse oximetry < 95% saturation):

► Oxygen by mask (high flow) or nasal cannula (6 l/min flow rate) as tolerated.
► Epinephrine 0.5 mg IM lateral thigh (1 mg/1mL concentration), may repeat twice with 0.5 mg IM every 5 minutes for continued symptoms. If Epinephrine Auto-injector administered prior to arrival, consider one dose of epinephrine has been provided.

► Albuterol, Continuous nebulization of 6 mL (5 mg) concentration as tolerated.
► Diphenhydramine (Benadryl®) 50 mg IM or IV once (do not administer if diphenhydramine taken prior to arrival).

→ ALS escort to nearest appropriate ERC.

Reaction includes hypotension, respiratory distress, and/or impending airway obstruction:

► Epinephrine 0.5 mg IM lateral thigh (1 mg/1mL concentration)

→ Establish IV/IO access.
► Normal Saline, infuse 250 mL IV or IO, repeat up to maximum 1 liter to maintain adequate perfusion

► After initial IM epinephrine given as above, if continued symptoms after 5 minutes, repeat Epinephrine 0.5 mg IM lateral thigh or Epinephrine 0.3 mg IV/IO (0.1 mg/1 mL concentration)
ALLERGIC REACTION/ANAPHYLAXIS - ADULT/ADOLESCENT

- Oxygen by mask or nasal cannula (for nasal cannula provide 6 l/min flow rate as tolerated).
- Diphenhydramine (Benadryl®) 50 mg IM/IV once (do not administer if diphenhydramine taken prior to arrival).

→ Contact Base Hospital and ALS escort to Base designated ERC.

Patients self-treated with Epi-Pen (epinephrine auto-injector) prior to EMS arrival:

Consider patient having received first 0.5 mg epinephrine IM dose and otherwise follow above steps.
ALS escort to ERC for further evaluation even when symptoms resolving.