

Allergic Reaction and Anaphylaxis	
ADULT	PEDIATRIC
BLS Procedures	
Administer oxygen as indicated Anaphylaxis: Assist patient with prescribed epinephrine auto-injector, or <ul style="list-style-type: none"> If under 30 kg – Epinephrine 1 mg/mL <ul style="list-style-type: none"> IM - 0.15 mg via auto-injector, pre-filled syringe, or syringe/vial draw May repeat x 1 in 5 minutes if patient remains in distress If 30 kg and over – Epinephrine 1mg/mL <ul style="list-style-type: none"> IM - 0.3mg via auto-injector, pre-filled syringe, or syringe/vial draw May Repeat x 1 in 5 minutes if patient remains in distress 	
ALS Standing Orders	
IV/IO access Allergic Reaction: Benadryl <ul style="list-style-type: none"> IV/IO/IM – 50 mg 	IV/IO Access Allergic Reaction: Benadryl <ul style="list-style-type: none"> IV/IO/IM – 1 mg/kg Max 50 mg
Anaphylaxis without shock: Epinephrine 1 mg/mL , if not already administered by BLS personnel <ul style="list-style-type: none"> IM - 0.3 mg May repeat in 5 minutes if patient remains in distress Albuterol (if wheezing is present) <ul style="list-style-type: none"> Nebulizer – 5 mg/6 mL May repeat as needed Anaphylaxis with Shock: Epinephrine 10mcg/mL <ul style="list-style-type: none"> 1mL (10mcg) every 2 minutes, slow IV/IO push Titrate to SBP of greater than or equal to 90mm/Hg <ul style="list-style-type: none"> Initiate 2nd IV/IO Normal Saline <ul style="list-style-type: none"> IV/IO bolus – 1 Liter May repeat x 1 as indicated 	Anaphylaxis without Shock: Epinephrine 1 mg/mL , if not already administered by BLS personnel <ul style="list-style-type: none"> IM – 0.01 mg/kg up to 0.3mg May repeat q 5 minutes, if patient remains in distress Albuterol (if wheezing is present) <ul style="list-style-type: none"> Patient less than 30 kg <ul style="list-style-type: none"> Nebulizer – 2.5 mg/3 mL Repeat as needed Patient greater than 30kg <ul style="list-style-type: none"> Nebulizer – 5 mg/6 MI Repeat as needed Anaphylaxis with Shock: Epinephrine 10mcg/mL <ul style="list-style-type: none"> 0.1mL/kg (1mcg/kg) every 2 minutes, slow IV/IO push Max single dose of 1mL or 10mcg Titrate to SBP of greater than or equal to 80 mm/Hg <ul style="list-style-type: none"> Initiate 2nd IV if possible or establish IO Normal Saline <ul style="list-style-type: none"> IV/IO bolus – 20 mL/kg May repeat x 1 as indicated
Base Hospital Orders Only	
Consult with ED Physician for further treatment measures	
Additional Information <ul style="list-style-type: none"> In cases of anaphylaxis or anaphylactic shock do not delay epinephrine administration. Utilize IM Epinephrine prior to other medications or prior to IV/IO epinephrine. Epinephrine is the priority in patients with anaphylaxis. Refer to VCEMS Policy 735 for additional information on preparing push dose epinephrine solution. 	

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VCEMS Medical Director