ALLERGIC REACTION / ANAPHYLAXIS UPDATED 4/2025

ALL PROVIDERS / EMT

	Focused history and physical exam.							
	Cardiac monitor, ETCo2, and pulse oximetry monitoring.							
	☐ Treatment Plan							
	 Eliminate the source of exposure, if possible. May require moving the patient to another location. Maintain airway. 							
	 Apply a cold pack to bite or sting site as necessary. 							
	Monitor closely for hypotension.							
	 ✓ Key Considerations If the patient has any respiratory distress and is conscious, treat and transport them in a position of comfort, including leaving the child in the parent's lap. Determine if anaphylaxis is present: Non-anaphylactic allergic reaction: Symptoms involving only one organ system (i.e. itching, rash, or localized angioedema that does not involve the airway and is not associated with vomiting) Anaphylaxis: More severe and is characterized by an acute onset involving: 							
	Over 10 years = 90mmHg							
	Do not delay administering epineph	<mark>rrine.</mark>						
	 Give IM epinephrine as soon as the diagnosis of anaphylaxis has been established. ADULT PEDIATRIC 							
		Pediatric weight-based dosing should not exceed						
	ЕМТ	Pediatric weight-based dosing should not exceed						
		Pediatric weight-based dosing should not exceed Adult dosing						
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	ЕМТ	Pediatric weight-based dosing should not exceed Adult dosing EMT Epinephrine Autoinjector						
	EMT Epinephrine Autoinjector	Pediatric weight-based dosing should not exceed Adult dosing EMT Epinephrine Autoinjector Epi-Pen "Jr." - 0.15mg IM						
	EMT Epinephrine Autoinjector • Epi-Pen - 0.3 mg IM	Pediatric weight-based dosing should not exceed Adult dosing EMT Epinephrine Autoinjector Epi-Pen "Jr." - 0.15mg IM If >25kg, use adult autoinjector (0.3mg) IM						
	Emt Epinephrine Autoinjector • Epi-Pen - 0.3 mg IM Epinephrine - 1mg/mL (1:1000) - 0.5mg IM May repeat epinephrine dose every 5 minutes as needed	Pediatric weight-based dosing should not exceed Adult dosing EMT Epinephrine Autoinjector Epi-Pen "Jr." - 0.15mg IM If >25kg, use adult autoinjector (0.3mg) IM Epinephrine - 1 mg/ml (1:1000) 0.01mg/kg						
	EMT Epinephrine Autoinjector • Epi-Pen - 0.3 mg IM Epinephrine - 1mg/mL (1:1000) - 0.5mg IM May repeat epinephrine dose every 5 minutes as needed If WHEEZING is present: Assist patient	Pediatric weight-based dosing should not exceed Adult dosing EMT Epinephrine Autoinjector Epi-Pen "Jr." - 0.15mg IM If >25kg, use adult autoinjector (0.3mg) IM Epinephrine - 1 mg/ml (1:1000) 0.01mg/kg IM (Max dose 0.3mg)						
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	AEMT	AEMT		
	Advanced airway, vascular access and fluid therapy Diphenhydramine - 50 mg IV/IO/IM for urticaria/itching If WHEEZING is present: • Albuterol 2.5 mg nebulized every 10 minutes until symptoms improve. If STRIDOR is present: • Epinephrine (1 mg/mL; 1:1000) 2mg mixed with 3 mL of NS nebulized every 10 minutes until symptoms improve	Advanced airway, vascular access and fluid therapy Diphenhydramine 1 mg/kg IV/IO/IM for urticaria/itching (Max 50mg) If WHEEZING is present: • Albuterol 2.5 mg nebulized every 10 minutes until symptoms improve. If STRIDOR is present: • Epinephrine (1mg/mL, 1:1000) 2mg mixed with 3 mL of NS nebulized every 10 minutes until symptoms improve.		
PARAMEDIC		PARAMEDIC		
	Epinephrine Drip - 2-10mcg IV/IO infusion. Titrate to maintain a SBP >90 mmHg or MAP of 65	Epinephrine Drip- 0.1-0.5mcg/kg/min IV/IO infusion. Titrate to maintain an appropriate SBP for age.		
	needed to maintain SBP >90mmHg or	Push Dose Epinephrine - 1mcg/kg/min as needed to maintain an appropriate SBP for age.		
	MAP of 65 Norepinephrine - 1mcg/kg/min IV/IO infusion. Titrate up to 30mcg/min to maintain SBP >90mmHg or MAP of 65	Norepinephrine - 0.05-0.1mcg/kg/min IV/IO infusion. Titrate to maintain an appropriate SBP for age.		