

## **BITES AND STINGS**

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### **Information Needed:**

- Type of animal or insect: time of exposure
- Symptoms:
  - Localized: pain, swelling, stinging sensation
  - Systemic: dizziness, sweating, weakness, itching, trouble breathing, muscle cramps

### **Objective Findings:**

- Hives, rash
- Puncture marks at injury site
- Localized erythema and/or edema

### **Treatment:**

- Remove etiologic agent if possible or relocate patient
- EMTs and paramedics may help the patient administer their own medications
- Ensure personal safety. If safe for the rescuer, bring in offending spider, bee, marine animal or other suspected creature for identification
- Grab and remove the stinger or injection/biting mechanism if visible as soon as possible
- Apply heat to stingray and sea urchin and other unidentified marine animal stings using warm water or compresses
- Consider IV
- Diphenhydramine 25-50 mg IM or IV (1 mg/kg). If there are signs or symptoms of anaphylaxis, see Allergic Reaction Protocol
- Consider pain management if indicated, see Interim Adult and Pediatric Pain Assessment and Management protocols (June 2018)

### **Precautions and Comments:**

- Allergy kits or EpiPens<sup>®</sup> are frequently prescribed for persons with known systemic allergic reactions. Prehospital personnel may assist with the use of the patient's own medication.
- Ice applied directly to skin surfaces can cause serious tissue damage and should not be used.