

# Southeast Michigan Regional Protocol

Genesee, HEMS (Wayne), Lapeer, Macomb, Oakland, and Washtenaw/Livingston MCA's

## Anaphylaxis/Acute Allergic Reaction

### **Pre-Radio**

MFR/EMT/SPECIALIST/PARAMEDIC

1. Follow General Pre-Hospital Care Protocol.
2. If insect sting, remove stinger by scraping and apply cold pack to area.
3. Elevate patient's legs.
4. Assist patient with administration of patient's own Epi-Pen/Epi-Pen Jr., in the patient's anterior thigh.

SPECIALIST/PARAMEDIC

5. Start IV NS KVO.
6. Hypotensive patients should receive a fluid bolus, as indicated by hemodynamic state, in 250 ml increments and reassess. Continue fluid bolus to a maximum of 2 liters.
7. Consider intubation if respiratory arrest is imminent.

PARAMEDIC

8. Patients with severe respiratory or hemodynamic compromise should receive Epinephrine .01 ml/kg of 1:1,000 to a max of 0.5 mg (0.5 ml) SQ. This may be performed prior to starting IV, if necessary.
9. Administer Diphenhydramine (Benadryl) 50-100 mg IM or IV depending upon severity of symptoms.

### **Post-Radio**

PARAMEDIC

10. Administer Epinephrine 0.1 ml/kg of 1:10,000 to a maximum of 0.5 mg (5 ml) slow IV if severe respiratory distress or hypotension.
11. If no response, administer Dopamine Drip (Inotropin) 400 mg in 250 ml of NS and titrate to systolic BP above 90 mmHg.