# *Epinephrine Auto-Injector Procedure*

**Aliases:** Epi-Pen ®

**Purpose:** To outline the use and resupply of epinephrine auto-injector/pediatric epinephrine auto-injector by authorized prehospital providers for life-threatening anaphylaxis and respiratory emergencies as outlined in applicable treatment protocols Providers must be licensed at or above the Emergency Medical Technician level unless otherwise specified by MCA selection. .

MCA Approval of **Epinephrine Auto-injector** for Select MFR Agencies

☑ YES ☐ NO

MCAs will be responsible for maintaining a roster of the agencies choosing to participate and will submit roster to MDHHS

1. **Indications**
   - A. Life-threatening allergic/anaphylactic and respiratory emergencies
   - B. Use is outlined in applicable treatment protocol
2. **Contraindications**
   - A. No absolute contraindications to life-threatening allergic/anaphylactic emergencies as described in applicable treatment protocols.
3. **Cautions**
   - A. Use with caution in patients with heart disease, high blood pressure, and stroke.
   - B. Contact Medical Control if child appears to weigh less than 10 kg (approx. 20 lbs.) prior to administration if possible.
4. **Technique**
   - A. **Epinephrine auto-injector** is an auto-injector that injects medication into the intramuscular tissue when the device is pushed against the skin. Injection is to be done at the anterolateral portion of the thigh.
   - B. Dosing:
     - i. **Epinephrine auto-injector** (0.3 mg) is used for patients weighing over 30 kg (approx. 60 lbs.)
     - ii. **Pediatric epinephrine auto-injector** (0.15 mg) is used for patients weighing between 10-30 kg (approx.20-60 lbs.)
     - iii. Contact Medical Control if child appears to weigh less than 10 kg (approx. 20 lbs.), prior to **pediatric epinephrine auto-injector** administration, if possible
   - C. Instructions for use are pictured on the side of each auto-injector.
   - D. The auto-injector must be held in place for ten (10) seconds once the needle injects into the thigh.

5. **Documentation**
   A. EMS providers will document any changes in the patient's condition and report those changes to on-line medical control.
   B. Complete the Epinephrine Auto-injector Utilization Form as required by MCA.
6. **Accountability**
   A. **Epinephrine auto-injectors** will be stored in a secured compartment in a temperature-controlled area of the EMS vehicle.
   B. **Epinephrine auto-injectors** must be restocked at the pharmacy or through other Medical Control approved process in conformity with current pharmacy laws and the public health code. Utilization forms must be completed for each use.

## Epinephrine auto-injector Utilization Form
(To be used by Hospital)

| Drug | Standard | Quantity | Count | Exp. Date |
|---|---|---|---|---|
| Epinephrine auto-injector | 0.3 mg | 1 | _____ | _____ |
| Pediatric Epinephrine auto-injector | 0.15 mg | 1 | _____ | _____ |

Run Date _____

Patient Name _____

Physician _____

EMT or MFR _____

Receiving Hospital _____