

POLICY: 552.10  
TITLE: Local Optional, EMT Draw Up Epinephrine

EFFECTIVE: 2/1/2026  
REVIEW: 10/2028  
SUPERCEDES: Draft

APPROVAL SIGNATURES ON FILE IN EMS OFFICE

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**LOCAL OPTIONAL, EMT DRAW UP EPINEPHRINE**

- I. AUTHORITY  
Division 2.5, California Health and Safety Code, Sections 1797.172, 1797.185, 1797.206, 1797.214, 1797.218, 1797.220, and 1797.221. Title 22, California Code of Regulations, Sections 100064.
- II. DEFINITIONS
- A. **Agency or LEMSA** means Mountain Counties Emergency Medical Services Agency.
- B. **Emergency Medical Technician or EMT** means an individual that has successfully completed a basic EMT course that meets the requirements of Title 22; California Code of Regulations, Chapter 3, has passed all required exams, and who has been certified by the Agency Medical Director as an EMT.
- C. **Local Accreditation or accreditation or accredited to practice** means authorization by the Agency to practice the optional skill(s) approved by the Agency. Such authorization ensures the EMT has been oriented to the LEMSA and trained in the optional skill(s) to achieve the standard of treatment approved by the Agency.
- D. **Optional Scope of Practice Provider Agency** means any first responder agency that has entered into an agreement with the Agency to provide EMT optional scope of practice medications and/or procedures.
- III. PURPOSE
- A. To assist our providers in controlling costs, this policy will allow for EMT use of draw up Epinephrine within the Agency jurisdiction in place of Epi Pen Auto Injectors.
- B. To define criteria for EMT authorization and administration of Intra Muscular (IM) injection of Epinephrine, 1:1000 concentration, in cases of severe asthma and anaphylaxis.
- C. This is an optional skill for EMS Providers to adopt.
- IV. POLICY  
As part of the State approved optional scope of practice and in accordance with Agency policies and treatment protocols, a supervised EMT student or a certified EMT, is authorized during training, while at scene of an emergency, during transport of a sick or injured or during an inter-facility transfer to administer IM injection of Epinephrine, 1:1,000 concentration, in cases of anaphylaxis and severe asthma.
- A. Any Provider Agency wishing to administer IM injection of Epinephrine within the Agency shall meet the following requirements.

1. Provider shall be approved by the Agency prior to beginning service. The following shall be submitted to receive and maintain IM Epinephrine provider approval.
  - a. A written request to the Agency for the use of EMT Draw up Epinephrine optional skill including:
    - i. Name(s) and qualifications of the individual overseeing the EMT epinephrine draw up program for the provider agency.
    - ii. Roster of EMTs accredited to administer IM epinephrine.
    - iii. Copy of documentation to ensure maintenance of epinephrine, per manufacturer recommendations, including expiration dates.
    - iv. Documented process used for continued competency of IM injections of Epinephrine.
    - v. Procedure for submission of data and prehospital care reports (PCRs) to the Agency for **ALL** EMT epinephrine draw up administrations.
    - vi. EMT epinephrine draw up Quality Improvement Plan that meets or exceeds requirements under MCEMSA #620.10 Quality Improvement Plan. The plan shall include a policy and procedure to collect, maintain, and evaluate patient care records including 100% review for all EMT administrations of draw up epinephrine.
    - vii. Upon receipt, application materials will be reviewed for completeness. If any required documentation is missing, the applicant will be notified, in writing, within fourteen (14) business days. Missing information shall be submitted within thirty (30) calendar days. Failure to submit missing information within thirty (30) calendar days will require the provider to reapply.
    - viii. Upon receipt, the application materials will be reviewed for completeness. The provider will receive written notification within thirty (30) calendar days of request for EMT optional skills approval.
- B. Optional Scope of Practice Provider Agencies must be an authorized or use an approved training provider. Training curriculum shall be approved by the LEMSA.
- C. Training in the administration of IM epinephrine shall be no less than two (2) hours and contain the following topics and skills:
  1. Managing a patient of a suspected anaphylactic reaction and/or experiencing severe asthma symptoms and the common causative agents.
  2. Assessment Findings
  3. Appropriate personal protective equipment and scene safety awareness
  4. Profile of epinephrine, including but not limited to:
    - a. Names
    - b. Indications
    - c. Contraindications
    - d. Side/adverse effects
    - e. Interactions
    - f. Routes of administration by auto-injector, prefilled syringe, and drawing up the proper drug dose into a syringe.
    - g. Calculating dosages
    - h. Mechanisms of drug action
  5. Medical Asepsis technique.
  6. Disposal of contaminated items and sharps.
- D. At the completion of this training, the EMT shall complete a competency-based written and skills examination which shall include:

1. Assessment of when to administer epinephrine.
  2. Managing a patient before and after administration of epinephrine.
  3. Using universal precautions and body substance isolation procedures during medication administration.
  4. Demonstrating aseptic technique during medication administration.
  5. Demonstrating preparation and administration of epinephrine by auto-injector, prefilled syringe and drawing up the proper drug dose into a syringe.
  6. Demonstrating proper disposal of contaminated items and sharps.
- E. EMT's trained and accredited to administer shall demonstrate competency to an approved training officer at least every two (2) years, or more frequently as determined by the Agency. The demonstration may be simulated or during patient care.
- F. EMT's may use the epinephrine draw up optional skill as long as EMT certificate is active, and while on-duty with and employed by the EMS provider who is approved by the agency to provide the epinephrine draw up skill.