



**Maine 2019 Prehospital Treatment Protocol Update**

**Course Title: 2019 Protocol Update**

**Student Reference Material:**

- 2019 Maine EMS Prehospital Treatment Protocols
- 2019 Protocol Change Reference
- 2019 Comprehensive Airway Management Review
- 2019 Maine Child Safety Seat Statute
- Maine EMS Equipment List (EMS Rules 1 Feb 2015)
- Updated MEMS Approved Equipment List
- White Papers
  - Burn Management Update 2019
  - Beta Blockers vs Calcium Channel Blockers 2019
  - Mechanical CPR 2019
  - Cuffed Endotracheal Tubes for the Pediatric Patient 2019
  - Dexamethasone PO 2019
  - Carbon Monoxide Monitors 2019
  - Naloxone 2019

**Course Instructional Support Materials**

- Maine EMS Course Attendance Roster
- Maine EMS Course Evaluations

**Instructor Teaching Aids:**

- Projector
- PPT Presentations
- 2019 Protocol Update PDF
- Lesson Plan
- White Papers
- Laptop and Remote

Props: None

Handouts:

- Tachycardia Decision Tree

**Lesson Components:**

1. Lecture
2. Q&A

**Audience:** Instructor/Coordinators and local instructors  
Physician Medical Directors

	<p style="text-align: center;">EMS Providers of all licensure levels</p> <p><b>Teaching Time:</b> 3-4 hours (without practical sessions done at local level)</p> <p><b>Learning Domain:</b> Cognitive</p>
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	<p><b>Terminal Objective</b></p> <p>Given the presentation materials, to the satisfaction of the State Medical Directors and Maine EMS, Regional Instructor/Coordinators will be able to present protocol update training in each Region that:</p> <ul style="list-style-type: none"> <li>• Is consistent between instructors</li> <li>• Is consistent with the intent of the MDPB regarding the changes</li> </ul> <p><b>Enabling Objectives:</b></p> <p>EO-1 Describe each protocol change as it relates to patient care at each level of licensure</p> <p>EO-2 Describe each protocol change as it relates to the intent of the MDPB for making the change</p> <p>EO-3 Discuss the potential impact of each change on</p> <ol style="list-style-type: none"> <li>a. EMS services</li> <li>b. Providers</li> </ol>
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	<p><b>Lesson Overview:</b></p> <ol style="list-style-type: none"> <li>1. Introduction- Instructor Information</li> <li>2. Summary of Significant Protocol Changes</li> <li>3. Summary of the Process of Reviewing and Changing Protocols</li> <li>4. Review of changes by section</li> <li>5. Q&amp;A</li> </ol>
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## Summary of Protocol Changes

	<p><b>Change Summary</b></p> <ol style="list-style-type: none"> <li>1. Significant Protocol Changes <ol style="list-style-type: none"> <li>a. Medications <ol style="list-style-type: none"> <li>i. Calcium Gluconate</li> </ol> </li> <li>b. Approved Equipment <ol style="list-style-type: none"> <li>i. Video Laryngoscopy (<i>optional</i>)</li> <li>ii. Mechanical CPR devices (<i>optional</i>)</li> </ol> </li> <li>c. Formatting <ol style="list-style-type: none"> <li>i. Symbols- new symbols, explained in the Preface page Legend</li> <li>ii. Grammar, clarity, consistency of terminology, consistency of care</li> <li>iii. Epinephrine concentration notation <ol style="list-style-type: none"> <li>1. 1:1,000 = 1 mg/mL</li> <li>2. 1: 10,000 = 1 mg/10mL</li> </ol> </li> <li>iv. PDF version</li> </ol> </li> </ol> </li> </ol>	<p><i>This section is not in the presentation. It is included here only as a short guide for the instructor</i></p>
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1. All specific references to separate protocols are now linked directly to that reference page
2. TOC topics all linked
3. Page bottoms linked to TOC
4. Index topics linked directly to sections
- v. New sections added
  1. Dedication
  2. Preface/Legend
  3. Orange

**d. Brown**

- i. Moved to front of protocols
- ii. VAD passage moved to RED section as a full protocol

**e. Purple**

- i. EMR can administer Narcan

**f. Blue**

- i. Surgical Cric section added
- ii. Trach care
- iii. Formatting alignment with Comprehensive Airway Review
- iv. Pediatric protocols moved from Pink

**g. Red**

- i. 30:2 Compression: Vent ratio added
- ii. Mechanical CPR devices
- iii. Anterior STEMI criteria updated
- iv. Cardioversion protocols updated
- v. Epi drip replaces NOREPI drip for pressor
- vi. Pediatric cardiac arrest combined with adult
- vii. Pediatric protocols moved from Pink

**h. Gold**

- i. Epi concentration notation revised
- ii. Shock
  1. Serum lactate removed.
  2. Fluid bolus changes
- iii. Stroke Protocols
  1. EMT can call "Code Stroke"
  2. Large Vessel Occlusion assessment
- iv. AEMT gets PO Ondansetron
- v. Pediatric protocols moved from Pink

**i. Green**

- i. Updated burn treatment guidelines

- ii. Pediatric protocols moved from Pink
- iii. Two new protocols
  1. Crush Injury
  2. Facial/Dental Injury
  3. Ophthalmology moved from Yellow section

**j. Yellow**

- i. Ophthalmology moved to Green
- ii. "Toxins" replaced with "Poisoning/Overdose"
- iii. New Nerve Agent/Organophosphate/Carbamate protocol
- iv. Ophthalmology moved to Green
- v. Agitation/Excited Delirium moved to Orange
- vi. New Radiation Injury protocol
- vii. Pediatric protocols moved from Pink

**k. Pink**

- i. Some Pediatric protocols removed from Pink section and combined with adult sections where Tx is identical
- ii. New Protocols-
  1. Neonatal and Young Infant Fever
  2. Pediatric Transportation
- iii. Change to cuffed ET tubes

**l. Orange (new section)**

- i. Depression/Suicidal Ideation
- ii. Restraints
- iii. Agitation/Excited Delirium

**m. Grey**

- i. Grammar and clarity only