Maine EMS

MDPB Approved Alternate Equipment List

Updated 7/25/2022

The following is list of currently approved alternate equipment devices and other specific device specifications, as approved by the Maine EMS Medical Direction and Practices Board (MDPB). EMS Services and clinicians should also refer to current Maine EMS Rules for complete equipment and specification lists as well as current Maine EMS Prehospital Treatment Protocols for application and use. To have an item considered for addition, please follow the MDPB Approved Alternate Equipment Policy.

Device	Reviewed On	Optional Device or Alternate Device?	Required Elements	Notes
Airway				
SureVent	10/10/2008	Optional device		For prehospital cardiac arrest only, not for interfacility transports
O_2-RESQ with BiTrac ED Mask	8/31/2009	Alternative CPAP device	Disposable	
S-SCORT S3 oropharyngeal evacuation tool	6/16/2010	Alternative Yankauer suction device		
CPAP Devices	Updated 8/2018	Device specification clarification	Full face mask Continuous flow device Must run on oxygen and capable of adjusting FiO2 Capable of regulating PEEP (7.5-10 cmH20) Latex Free Able to attach a nebulizer as designed by manufacturer	
Video Laryngoscopy Devices	9/18/2019	Optional device	Must be standard geometry and MAY NOT have a hyperangulated geometry	
Needle Thoracostomy Devices				
Pertrach, Quick Trach, Nu-Trake, etc	Prior to 2010	Alternative surgical cricothyrotomy device	Must follow method of piercing the cricothyroid membrane	MDPB approved cricothyrotomy kits only

Turkel Needle	9/8/2008	Alternative surgical cricothyrotomy device		For chest decompression only
Cook Needle Decompression Kit	7/7/2009	Alternative surgical cricothyrotomy device		
Agency Specific Cricothyrotomy Kit	4/20/2022	Alternative surgical cricothyrotomy device	See below	
	Cricothyrotomy Kit Required Elements - Cuffed tracheostomy tube (recommended 6.0 internal diameter) - Tracheal hook - (1) 10ml syringe - (1) #10 or #11 scalpel - Means to prep/cleanse skin - Means to secure tube once placed (umbilical tape, commercial device, etc) - 4x4s for hemorrhage control - Two pairs sterile gloves - Optional – Bougie/Trousseau Dilator			
Hemorrhage Control				
Tourniquets	7/2013	Device specification clarification	Commercially manufactured Minimum 1 inch wide Latex Free Use a windlass or mechanical advantage to tighten the device	See below
	While it is understood that there are a wide variety of tourniquets now commercially available, the small body of evidence and user accounts support that the necessary pressure required to compress deep arteries is not easily or practically achieved by devices that do not utilize mechanical advantage. It is with this same thought that tourniquets carried on Maine EMS licensed ambulances and used by providers should be commercially developed and proven effective. Caution should be used when purchasing tourniquets as cheaper imitation devices have been made available over the past few years, in particular, an imitation version of the Combat Application Tourniquet – CAT. These devices have been documented to fail on a regular basis and will not support the forces needed to compress vessels. Information may be found on the CAT website regarding means to identify imitation devices. Finally, in an effort to ensure effectiveness, it is recommended by the manufactures that tourniquets placed in the field for patient care be maintained in their original packaging, be preserved for patient care only (not used in training) and be considered a one-time use device.			

Hemostatic Agents	10/15/2014	Device specification clarification	Delivered in a gauze format that supports wound packing. Determined effective and safe in a standardized laboratory injury model.	
IV/IO Access Devices				
Fast 1 Sternal IO	Prior to 2010	Alternate IO device		Lifeflight of Maine only
EZ-IO Drill	1/5/2015	Alternate IO device		
SAM IO Device	7/15/2020	Alternate IO device		
IV Pump	Updated 8/2021	Device specification clarification	See below	
	IV Pump Required Elements - FDA-approved - Customizable Drug Library: This would help prevent medication errors by preprogramming according to medication formulary and Maine EMS protocols. - Latex-free tubing system - Needle-free tubing / ports - Administration sets with integral free flow protection - Battery and AC power source *Must be able to deliver the medications on the Maine EMS formulary at the appropriate flow rates to deliver the appropriate dose of the medication over the prescribed period of time*.			
Other Devices				
Masimo Rad 57 Carbon Monoxide Detector	11/15/2006	Optional device		
X-Collar	11/26/2008	Optional device		Cervical splint
Mechanical CPR Devices	9/18/2019	Optional device	Must meet compression rate range established by American Heart Association 2020 Guidelines	