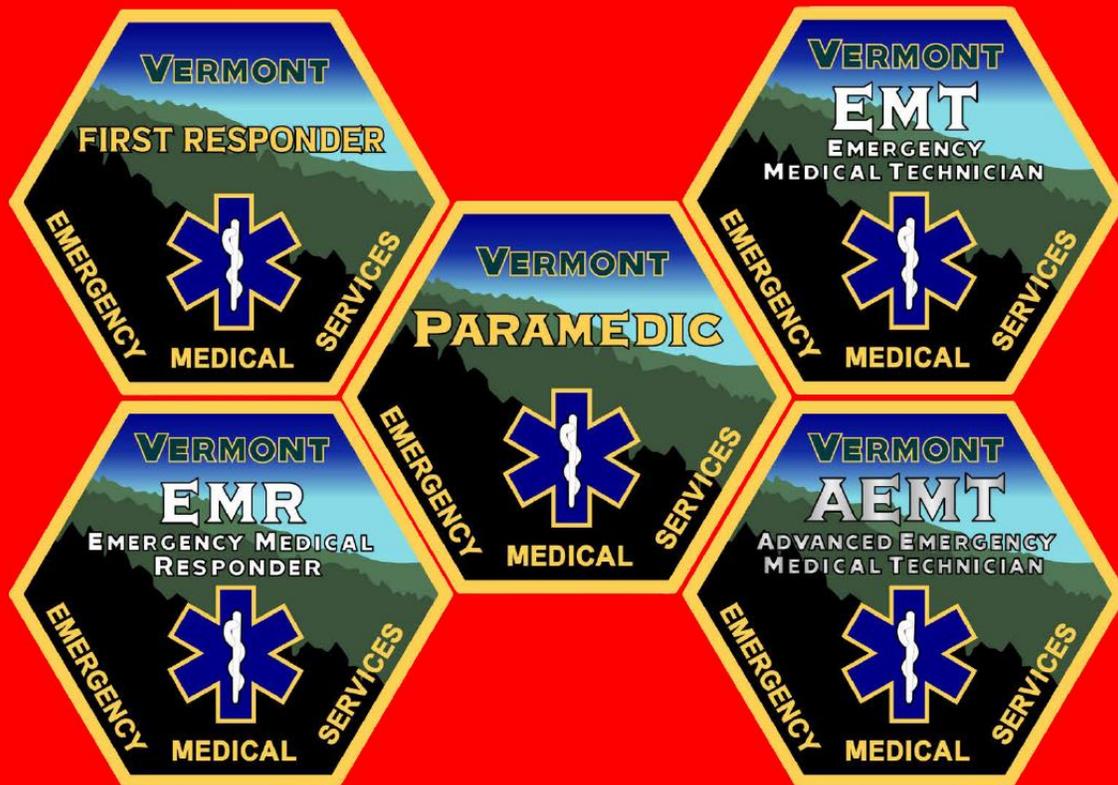




Vermont Statewide Emergency Medical Services Protocols

Protocol Education Resource Kit

2023



Protocol Education Modules – Resource Kit

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*** The information contained in this resource kit serves as guidance from VT EMS about protocol education/training. It is not intended to take the place of comprehensive initial or continuing education, including transition courses, and is designed to be used in conjunction with other educational resources such as VT EMS developed presentations, knowledgeable instructors, etc.*

*Overview of the Education Module -
Resource Kit for the Vermont Statewide EMS Protocols*

This document has been created as a guide for both EMS practitioners and EMS Services to complete the education modules for the 2023 Vermont Statewide EMS Protocol Updates. This training is required for every level of licensure. This training is also required content for all initial EMR, EMT, AEMT, and Paramedic courses.

If an EMS Service does not carry the equipment necessary for a protocol, then that protocol cannot be used, and the training does not need to be completed. When an EMS Service purchases the necessary equipment, it will be expected that the training will then be completed. If an EMS practitioner works at multiple services, they should complete all required training on all available equipment.

If a district or EMS Service has already completed training on a skill listed due to a waiver granted under the previous set of EMS protocols, practitioners and/or services must be able to provide documentation to VT EMS that verifies the curricula and attendance of members. This includes previous completion of a Resuscitation Academy for Adult HP-CPR and Surgical Cricothyrotomy for Paramedics.

This Resource Kit has been developed to provide both EMS practitioners and EMS Services with multiple options for completing the education.

Presentation Methods

There are several possible formats in which topics may be presented and learned:

- **Individual learning:**
 - **Vector:** All presentations are on Vector and can be accessed by logging in. The course title and course number (if applicable) are listed. Presentations on Vector may be viewed individually or as a group. Some of the presentations have quizzes. While quizzes do not have to be completed to receive credit remember that self-assessment is a useful tool for review and practice.

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- **Some topics require an additional practical skills component that must be completed at the EMS Service level (see below).**

- **EMS Service-level Trainings (at the department, agency, squad, etc.):** To benefit from group learning opportunities, the protocol material can be delivered in a classroom setting by several methods, making use of qualified instructors including Training Officers, VT EMS I/Cs, hospital staff, senior EMS crew members, DMA, Physician, etc.
 - **Vector:** As stated above, the presentations on Vector can be done as a group. (Example: Training Officer connects a projector to a computer at the station, logs into Vector and runs the course live for the group.)

Required Participants:

Who is required to complete this education? The options are for EMR, EMT, AEMT, and/or Paramedic. Both the Quick Reference Chart beginning on page 7 and each individual topic list will include which license level is required to take each course.

Practical Skills:

Is there a practical requirement for the topic? If yes, this section will provide guidance for how to perform that training at the EMS Service level. The practical component must be instructed by a higher-level licensure. For example: an AEMT can instruct a practical for EMTs, or a Paramedic/RN/RT/MD can instruct a practical for AEMT. Paramedic training should be facilitated by the Paramedic's training officer and/or physician medical director.

All providers are encouraged to complete training for Adult and Pediatric High-Performance CPR (HP-CPR) annually. Paramedics are encouraged to complete training in the use of surgical airway annually.

Documentation:

Documentation of completion of both the presentation and practical components should be completed in Vector.

Enhanced permissions for Training Officers allow for group training to be entered and tracked in the Vector accounts of all participants. In addition, each provider should keep track of their own protocol education. At

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the end of this document is a tracking template that can be utilized but do not replace Vector. Both the practitioner and service should track all protocol training hours as they do for all other continuing education requirements. Verify training using the Vector Certification System.

Implementation:

The final protocols were released October 31, 2022. Once posted, EMS Services and districts are authorized to begin training their personnel. Before an agency may begin to use the new protocols, **ALL** of the agency's EMS practitioners must be trained on the new protocols. Once an agency has trained all their EMS practitioners, they **MAY** begin to use the new protocols as of **00:01 hours on November 14, 2022**. **ALL** agencies **MUST** begin to use the new protocols as of **00:01 hours on January 31, 2023**.

Prior to Service use of the protocols, notify Ray Walker in the Vermont Office of Emergency Medical Services, at ray.walker@vermont.gov that your EMS agency has completed training.

Any questions or concerns should be directed to vtems@vermont.gov

Quick Reference Chart					
Topic/Skill	Presentation Availability/Practical Component	EMR	EMT	AEMT	Paramedic
2023 VTEMS Protocol Introduction	<p>Vector: 2023 VTEMS Protocol Introduction</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Protocol Introduction presentation required</p> <p>Practical: No</p>	X	X	X	X
2023 VTEMS Medical EMT	<p>Vector: 2023 VTEMS Medical EMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Medical EMT presentation required</p> <p>Practical: No</p>		X		
2023 VTEMS Cardiac EMT	<p>Vector: 2023 VTEMS Cardiac EMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Cardiac EMT presentation required</p> <p>Practical: No</p>		X		
2023 VTEMS Trauma EMT	<p>Vector: 2023 VTEMS Trauma EMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Trauma EMT presentation required</p> <p>Practical: No</p>		X		
2023 VTEMS Airway EMT	<p>Vector: 2023 VTEMS Airway EMT</p>		X		

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	<p>EMS Service Level Training: Use of the 2023 VTEMS Airway EMT presentation required</p> <p>Practical: No</p>				
2023 VTEMS Behavioral EMR, EMT, AEMT	<p>Vector: 2023 VTEMS Behavioral EMR, EMT, AEMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Behavioral EMR, EMT, AEMT presentation required</p> <p>Practical: No</p>	X	X	X	
2023 VTEMS Procedures & Policies EMR, EMT	<p>Vector: 2023 VTEMS Procedures & Policies EMR, EMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Procedures & Policies EMR, EMT presentation required</p> <p>Practical: No</p>	X	X		
2023 VTEMS Medical AEMT	<p>Vector: 2023 VTEMS Medical AEMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Medical AEMT presentation required</p> <p>Practical: No</p>			X	
2023 VTEMS Cardiac AEMT	<p>Vector: 2023 VTEMS Cardiac AEMT</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Cardiac AEMT presentation required</p> <p>Practical: No</p>			X	

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<p>2023 VTEMS Trauma AEMT</p>	<p>Vector: 2023 VTEMS Trauma AEMT EMS Service Level Training: Use of the 2023 VTEMS Trauma AEMT presentation required Practical: No</p>			X	
<p>2023 VTEMS Airway AEMT</p>	<p>Vector: 2023 VTEMS Airway AEMT EMS Service Level Training: Use of the 2023 VTEMS Airway AEMT presentation required Practical: No</p>			X	
<p>2023 VTEMS Procedures & Policies AEMT & Paramedic</p>	<p>Vector: 2023 VTEMS Procedures & Policies AEMT & Paramedic EMS Service Level Training: Use of the 2023 VTEMS Procedures & Policies AEMT & Paramedic presentation required Practical: Yes – Distal Femur IO</p>			X	X
<p>2023 VTEMS Medical Paramedic</p>	<p>Vector: 2023 VTEMS Medical Paramedic EMS Service Level Training: Use of the 2023 VTEMS Medical Paramedic presentation required Practical: Yes - Droperidol</p>				X
<p>2023 VTEMS Cardiac Paramedic</p>	<p>Vector: 2023 VTEMS Cardiac Paramedic EMS Service Level Training: Use of the 2023 VTEMS Cardiac Paramedic presentation required</p>				X

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	Practical: Yes – Procainamide				
2023 VTEMS Trauma Paramedic	Vector: 2023 VTEMS Trauma Paramedic EMS Service Level Training: Use of the 2023 VTEMS Trauma Paramedic presentation required Practical: Yes – Patella Reduction				X
2023 VTEMS Airway Paramedic	Vector: 2023 VTEMS Airway Paramedic EMS Service Level Training: Use of the 2023 VTEMS Airway Paramedic presentation required Practical: No				X
2023 VTEMS Behavioral Paramedic	Vector: 2023 VTEMS Behavioral Paramedic EMS Service Level Training: Use of the 2023 VTEMS Behavioral Paramedic presentation required Practical: Yes - Droperidol				X
2023 VTEMS Paramedic Surgical Cric Paramedic	Vector: Paramedic Surgical Cricothyrotomy 2023 VTEMS EMS Service Level Training: Use of the Paramedic Surgical Cricothyrotomy 2023 VTEMS presentation required				X

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	<p>Practical: Yes, if not already completed. Recommend annual refresher</p>				
<p>2023 VTEMS Naloxone Leave Behind</p>	<p>Vector: 2023 VTEMS Naloxone Leave Behind</p> <p>EMS Service Level Training: Use of the 2023 VTEMS Naloxone Leave Behind presentation required</p> <p>Practical: No</p>	X	X	X	X
<p>2023 VTEMS Adult Resuscitation Academy</p>	<p>Practical: Refresher at your agency or full RA if not already completed</p>	X	X	X	X
<p>2023 VTEMS Pediatric Resuscitation Academy</p>	<p>Practical: Refresher at your agency or full RA if not already completed</p>	X	X	X	X

2023 VTEMS Protocol Introduction

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Protocol Introduction”.
The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Protocol Introduction”.
The presentation can be viewed individually or as a group.

Required: EMR, EMT, AEMT, Paramedic

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Medical EMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical EMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical EMT”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Cardiac EMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac EMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac EMT”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS EMT Trauma

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS EMT Trauma”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS EMT Trauma”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Airway EMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway EMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway EMT”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Behavioral EMR, EMT, AEMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Behavioral EMR, EMT, AEMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Behavioral EMR, EMT, AEMT”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Procedures & Policies EMR & EMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Procedures & Policies EMR & EMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Procedures & Policies EMR & EMT”. The presentation can be viewed individually or as a group.

Required: EMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Medical AEMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical AEMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical AEMT”. The presentation can be viewed individually or as a group.

Required: AEMT

Practical: Not required

Documentation: Vector Certification System

2023 VTEMS Cardiac AEMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac AEMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac AEMT”. The presentation can be viewed individually or as a group.

Required: AEMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Trauma AEMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Trauma AEMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Trauma AEMT”. The presentation can be viewed individually or as a group.

Required: AEMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Airway AEMT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway AEMT”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway AEMT”. The presentation can be viewed individually or as a group.

Required: AEMT

Practical: Not required.

Documentation: Vector Certification System

2023 VTEMS Procedures & Policies AEMT & Paramedic

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Procedures & Policies AEMT & Paramedic”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Procedures & Policies AEMT & Paramedic”. The presentation can be viewed individually or as a group.

Required: AEMT & Paramedic

Practical: Distal Femur IO – Review the video and practice at your agency. Service Training Officer (Paramedic or AEMT), District Medical Advisor, or Service Medical Director to sign off on proficiency in locating distal femur IO site.

Documentation: Vector Certification System

2023 VTEMS Medical Paramedic

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical Paramedic”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Medical Paramedic”. The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Yes – Droperidol: Perform in-service training on use of droperidol, to include at least one scenario where droperidol is used by a Paramedic to treat nausea. Competency to be signed-off by Service Training Officer (Paramedic), District Medical Advisor, or Service Medical Director.

Documentation: Vector Certification System

2023 VTEMS Cardiac Paramedic

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac Paramedic”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Cardiac Paramedic”. The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Yes: Procainamide: Perform in-service training on use of procainamide, to include at least one scenario where procainamide is used by a Paramedic to treat cardiac dysrhythmia. Competency to be signed-off by Service Training Officer (Paramedic), District Medical Advisor, or Service Medical Director.

Documentation: Vector Certification System

2023 VTEMS Trauma Paramedic

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Trauma Paramedic”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Trauma Paramedic”. The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Yes – Patella Dislocation Reduction: Perform in-service training on use of the patella dislocation reduction technique, to include at least one scenario where the patella dislocation reduction technique is used by a Paramedic to treat a patella dislocation. Watch the presentation on Vector under the title, “Patella Dislocation and Reduction”. Competency to be signed-off by Service Training Officer (Paramedic), District Medical Advisor, or Service Medical Director.

Documentation: Vector Certification System

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Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway Paramedic”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Airway Paramedic”. The presentation can be viewed individually or as a group.

Required: Paramedic

Documentation: Vector Certification System

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Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Behavioral Paramedic”.
The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Behavioral Paramedic”.
The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Yes – Droperidol: Perform in-service training on use of the droperidol for behavioral emergency, to include at least one scenario where droperidol is used by a Paramedic to treat a behavioral emergency. Competency to be signed-off by Service Training Officer (Paramedic), District Medical Advisor, or Service Medical Director.

Documentation: Vector Certification System

RESOURCE KIT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Paramedic Surgical Cricothyrotomy”. The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Paramedic Surgical Cricothyrotomy”. The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Yes: Surgical Cricothyrotomy Resource Kit and hands-on practice or annual refresher if already completed. To be signed off by District Medical Advisor, Service Medical Director, or VTEMS Approved Paramedic Training Officer

Documentation: Vector Certification System

RESOURCE KIT

Presentation Methods:

- **Individual Learning:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Naloxone Leave Behind”.
The presentation can be viewed individually or as a group.
- **EMS Service-level Training:**
 - Vector: The presentation is on Vector under the title “2023 VTEMS Naloxone Leave Behind”.
The presentation can be viewed individually or as a group.

Required: Paramedic

Practical: Not required.

Documentation: Vector Certification System

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Presentation Methods:

- **EMS Service-level Training:**
 - If your agency has not already done so, contact VT EMS to schedule a full Resuscitation Academy for your agency or region. VT EMS will provide instructors, manikins, and curriculum. This is typically a 3 to 4 hour training.

Required: EMR, EMT, AEMT, Paramedic

Practical: Yes. Annual refresher at your agency. Full RA if not already completed. Consider Virtual RA.

Documentation: Vector Certification System

Pediatric Resuscitation Academy
High-Performance CPR

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Presentation Methods:

- **EMS Service-level Training:**
 - TBD. In the coming year VT EMS will sponsor regional train-the-trainer programs for pediatric high-performance CPR. Individual agencies should then arrange for training of all personnel. It may be possible to combine pediatric with adult Resuscitation Academies.

Required: EMR, EMT, AEMT, Paramedic

Practical: Yes. Annual refresher at your agency. Full RA if not already completed. Hands-on training.

Documentation: Vector Certification System

Class Roster for Practical Component Record Keeping

EMR Protocol Education Tracking Document

Name:

VT License #:

Topic/Skill	Presentation View Date:	Instructor or Squad Training Officer Signature:
Protocol Intro		
EMR 2023		
Naloxone Leave Behind		
Behavioral		
Policies		
Adult RA		
Pediatric RA		

EMT Protocol Education Tracking Document

Name:

VT License #:

Topic/Skill	Presentation View Date:	Practical Date:	Instructor or Squad Training Officer Signature:
Protocol Intro		N/A	
EMT Medical		N/A	
EMT Cardiac		N/A	
EMT Trauma		N/A	
EMT Airway		N/A	
Policies		N/A	
Naloxone Leave Behind		N/A	
Behavioural		N/A	
Adult RA			
Pedi RA			

AEMT Protocol Education Tracking Document

Name:
VT License #:

Topic/Skill	Presentation View Date:	Practical Date:	Instructor or Squad Training Officer Signature:
Protocol Intro		N/A	
AEMT Medical		N/A	
AEMT Cardiac		N/A	
AEMT Trauma		N/A	
AEMT Airway		N/A	
Policies		Distal Femur IO	
Behavioral		N/A	
Naloxone Leave Behind		N/A	
Adult RA			
Pedi RA			

EMT-P/Paramedic Protocol Education Tracking Document

Name:

VT License #:

Topic/Skill	Presentation View Date:	Practical and Date:	Instructor or Squad Training Officer Signature:
Protocol Intro		N/A	
Paramedic Medical		Droperidol	
Paramedic Cardiac		Procainamide	
Paramedic Trauma		N/A	
Policies		Distal Femur IO	
Paramedic Behavioral		Droperidol	
Naloxone Leave Behind		N/A	
Adult RA		Yes	
Pedi RA		Yes	
Paramedic Sx Cricothyrotomy		Yes	

Acknowledgements

Vermont EMS would like to thank the following for their assistance and/or use of their training materials:

Maine EMS

New Hampshire EMS

Resuscitation Academy

VT EMS Protocol Workgroup

VT EMS District Medical Advisors