



Scope of Practice

Approved by

**State Board of Emergency Medical, Fire and Transportation Services
and the Ohio Department of Public Safety, Division of EMS**

This document offers an "at-a-glance" view of the Scope of Practice for Emergency Medical Responders (EMR), Emergency Medical Technicians (EMT), Advanced Emergency Medical Technicians (AEMT), and Paramedics as formally written in Ohio Revised Code and Ohio Administrative Code and approved by the State Board of Emergency Medical, Fire, and Transportation Services (EMFTS Board). The authorized services can be found in sections 4765.35 (FR/EMR), 4765.37 (EMT-B/EMT), 4765.38 (EMT- I/AEMT) and 4765.39 (EMT-P/Paramedic) of the Revised Code. The scopes of practice can be found in rules 4765-12-01 (EMR), 4765-15-04 (EMT), 4765-16-04 (AEMT), and 4765-17-03 (Paramedic) of the Administrative Code. The Ohio EMS scope of practice authorized by the EMFTS Board applies to emergency and non-emergency settings.

As a result of the COVID-19 pandemic emergency response, there are two additional measures that have been authorized legislatively through the Governor's Order or by approval of the EMFTS Board following consultation with the legal counsel for the Ohio Department of Public Safety, Division of EMS. These measures supersede the language in the Ohio Revised Code and the Ohio Administrative Code. Currently these measures include the following and are cited as italicized footnotes within the "at-a-glance" scope of practice matrix.

1. EMFTS Board meeting August 11, 2020
The Board recognizes that EMS certificate holders are permitted to administer vaccinations so long as the route of administration is within the scope of practice and the certificate holder administers them pursuant to medical direction and training on the scope of practice, which includes adherence to the recommendations and instructions of the Food and Drug Administration.
2. House Bill 110: Effective June 30, 2020
SECTION 4765.39
During the period beginning on the effective date of this section and ending October 1, 2022, and notwithstanding any conflicting provision of the Revised Code, a first responder, emergency medical technician-basic, emergency medical technician-intermediate, and emergency medical technician-paramedic may perform emergency medical services in any setting, including in any area of a hospital, if the services performed under the direction and supervision of one of the following:
 - (1) A physician;
 - (2) A physician assistant designated by a physician;
 - (3) An advanced practice registered nurse designated by a physician.

Performance of services outlined in this document and in the aforementioned code sections, shall only be performed if the EMR, EMT, AEMT, and Paramedic have received training as part of an initial certification course or through subsequent training approved by the EMFTS Board. If specific training has not been specified by the EMFTS Board, the EMR, EMT, AEMT, and Paramedic must have received training regarding such services approved by the local medical director before performing those services.

The individual medical director of each EMS agency may limit or ask that providers obtain approval from medical direction for certain treatments. Each medical director may need to tailor and revise their protocol to meet their community's needs and to fit their mission and individual practice, but they must ensure that all protocols remain within the approved scope of practice. EMS medical directors are reminded that they are not permitted to expand or exceed the scope of practice for EMS providers which has been authorized by the EMFTS Board; however, they may provide clarifications or limitations on services that are permitted.

EMS medical directors and EMS providers are strongly encouraged to review the EMFTS Board's policy statement "Regarding EMS Provider Prehospital Transport of Patients with Pre-Existing Medical Devices or Drug Administrations" dated February 2014 (attached at the end of this document). This statement clarifies that EMS providers, in the prehospital setting, should deal with medical devices and medicine administration that are outside their scope of practice.

Pursuant to rule 4765-6-04 of the Administrative Code, the EMFTS Board may allow EMRs, EMTs, AEMTs, and Paramedics perform services beyond their respective scopes of practices as part of a board-approved research study. Any entity must submit a research proposal to the EMFTS Board in accordance with the requirements of rule 4765-6-04 of the Administrative Code. The EMFTS Board is not obligated to approve a proposed research study nor accept any recommendation to permanently amend the scope of practice.

Updated 1/19/03; 5/17/03; 1/26/05; 2/27/07; 3/8/12; 1/13/13, 10/16/13, 12/18/13, 4/16/2014, 10/19/16, 2/15/17, 10/18/17, 1/20/18, 4/1/20, 1/21/21, 4/21/21



**State Board Emergency Medical, Fire and Transportation Services
Ohio Department of Public Safety, Division of EMS**

Updated April 21, 2022

1	Open and maintain the airway	X	X	X	X
2	Oropharyngeal airway adjunct	X	X	X	X
3	Nasopharyngeal airway adjunct	X	X	X	X
4	Manual removal of obstructed airway	X	X	X	X
5	Laryngoscopy for removal of airway obstruction			X	X
6	Oral suctioning	X	X		X
7	Endotracheal (ET) tube suctioning through a previously established airway or a stoma		X	X	X
8	Tracheostomy tube replacement ^A			X	X
9	Cricothyrotomy, surgical ^A				X
10	Cricothyrotomy, needle ^A				X
11	Apply and obtain readings of pulse oximeter, CO-oximeter, and capnography or capnography equipment	X	X	X	X
12	Oxygen administration				
	a. Nasal cannula	X	X	X	X
	b. Simple face mask	X	X	X	X
	c. Non-rebreather mask		X	X	X
	d. Mouth-to-barrier devices, mask with, nose, or stoma	X	X	X	X
	e. Partial rebreather mask		X	X	X
	f. Venturi mask		X	X	X
13	Ventilation management				
	a. Bag valve mask	X	X	X	X
	b. Ventilation with flow-restricted oxygen-powered device	X	X	X	X
	c. Positive pressure ventilation devices (manually triggered or automatic ventilators)		X	X	X
14	Ventilator management - 16 years of age or older ^A				X

15	Non-emergent ambulance transport of a stable patient less than 16 years of age who has a chronic condition requiring a tracheostomy tube and a ventilator provided the patient's caregiver accompanies the patient during transport. The caregiver must have received appropriate training in use of the patient's ventilator. A caregiver is not required to accompany the patient if the patient is accompanied by an Ohio licensed registered nurse or respiratory therapist, or other appropriately trained and licensed Ohio healthcare provider. ^A				X
16	Orotracheal intubation ^A				X
	a. Apneic patients				X
	b. Pulseless and apneic patients				X
17	Nasotracheal intubation ^A				X
18	Dual lumen airway ^A				X
	a. Apneic patients		X		X
	b. Pulseless and apneic patients		X		X
19	Extraglottic airways ^A				X
	a. Apneic patients		X		X
	b. Pulseless and apneic patients		X		X
20	CPAP administration and management			X	X
21	BIPAP administration and management				X
22	High flow nasal cannula				X
23	End-tidal capnography (ETCO ₂)				X
24	End-tidal CO ₂ monitoring and device management		X	X	X
25	Oxygen humidifier equipment application and monitoring		X	X	X
26	Chest tube placement – assist				X
27	Chest tube monitoring and management				X
28	Nasogastric (NG) tube placement				X
29	Orogastric (OG) tube placement				X

^AThe utilization of waveform capnography is mandatory for all patients requiring invasive airway devices with the exception of stable patients with no cardiac or pulmonary complaints or symptoms unless ordered by the transferring physician. An invasive airway device is any airway device inserted or pre-positioned into a patient's airway by means of the mouth, directly into the trachea, or into the trachea by means of a tracheostomy tube, cricothyrotomy or nasotracheal intubation. Dual lumen and extraglottic airways, even though they are blindly inserted into the hypopharynx or the esophagus, are considered invasive airway devices.

1	Cardiopulmonary resuscitation (CPR)	X	X	X	X
2	Chest compression assist devices	X	X	X	X
3	Automated external defibrillator (use of an AED)	X	X	X	X
4	Manual defibrillation			X	X
5	Negative impedance threshold devices		X	X	X
6	Administration of cardiac medication				X
7	Set up cardiac monitor in the presence of an AEMT or Paramedic		X		
8	Cardiac monitor strip interpretation			X	X
9	Cardioversion				X
10	Transcutaneous cardiac pacing				X
11	Transvenous cardiac pacing -- monitoring and maintenance				X
12	12-lead EKG performance and interpretation				X
13	12-lead EKG application assisting a Paramedic who is present		X	X	
14	12-lead EKG set up and application for electronic transmission			X	X

^BAn EMT or AEMT may perform and apply a 12-lead electrocardiogram when assisting a Paramedic or for the purposes of electronic transmission if all of the following conditions are met: 1) performed in accordance with written protocol; 2) EMT or AEMT shall not interpret the electrocardiogram; 3) delay in patient transport is minimized; and 4) EKG is used in conjunction with destination protocols approved by the local medical director.

1	Epinephrine administration via auto-injector	X	X	X	X
2	Epinephrine administration via IO or IM routes			X	X
3	Epinephrine administration via IO or IO route				X
4	Aspirin administration		X	X	X
5	Oral glucose administration		X	X	X
6	Oral over-the-counter (OTC) analgesics for pain or fever		X	X	X
7	Nitroglycerin administration (patient assisted) ^E		X	X	X
8	Nitroglycerin administration (non-patient assisted)			X	X
9	Aerosolized or nebulized medications administration (patient assisted) ^E		X	X	X

10	Administration of aerosolized or nebulized medications (non-patient assisted)			X	X
11	Naloxone administration via auto-injector	X	X	X	X
12	Naloxone administration via intranasal route	X	X	X	X
13	Naloxone administration via ETT, IM, IV, IO, or SQ routes			X	X
14	Medication administration (protocol-approved) ⁶			X	X
15	Administration of intranasal medications (in addition to naloxone) ⁶			X	X
16	Immunizations for influenza to firefighters, EMTs, AEMTs, or Paramedics (ORC 4765.391)				X
17	Set up of IV administration kit in the presence of an AEMT or Paramedic		X		
18	Transport of central/peripheral IV without an infusion		X	X	X
19	Intravenous access and peripheral initiation			X	X
20	Access indwelling catheters and implanted central IV ports				X
21	IV maintenance and fluid administration			X	X
22	Maintenance of complicated IV infusions				X
23	Central line monitoring				X
24	IV infusion pump				X
25	Intraosseous needle insertion			X	X
26	Splint immobilization			X	X
27	Peripheral IV blood specimens			X	X
28	Maintenance of blood administration				X
29	Thrombotic therapy initiation and monitoring				X
⁶ Patient Assisted Medication: May assist with 1) patient's prescription upon patient request and with written protocol – OR – 2) EMS-provided medications with verbal medical direction. ⁶ See "AEMT Medications Approved by the EMFTS Board."					

1	Long spine board	X	X	X	X
2	Short spine board	X	X	X	X
3	Splinting devices	X	X	X	X
4	Traction splint		X	X	X
5	Manual cervical immobilization	X	X	X	X
6	Cervical immobilization device (CID)	X	X	X	X

7	Helmet removal		X	X	X
8	Rapid extrication procedures		X	X	X
9	Needle decompression of the chest			X	X
10	Soft tissue management	X	X	X	X
11	Management of suspected fractures	X	X	X	X
12	Controlling of hemorrhage	X	X	X	X
13	Wound packing	X	X	X	X

1	Personal protective equipment (PPE) Selection/donning/doffing	X		X	X
2	Taking and recording of vital signs	X	X	X	X
3	Emergency moves for endangered patients	X	X	X	X
4	Patient Care Report (PCR) documentation	X	X	X	X
5	Trauma triage determination per OAC 4765-14-02	X	X	X	X

1	Emergency childbirth management [§]			X	X
2	Glucose monitoring system with Clinical Laboratory Improvement Amendments (CLIA) waiver in place		X	X	X
3	Blood analysis				X
4	Eye irrigation	X	X	X	X
5	Resuscitation with organ level				X
6	Maintenance of blood administration				X
7	Thrombolytic therapy initiation and monitoring				X
8	Mechanical patient restraints		X	X	X
9	Telemetric monitoring devices, transmission of critical data, including video data		X	X	X

[§]An EMR may only assist with emergency childbirth management.

<i>June 30, 2021-October 1, 2022: A first responder, emergency medical technician-basic, emergency medical technician-intermediate, and emergency medical technician-paramedic may perform</i>					
		X	X	X	X

<p>emergency medical services in any setting, including in any area of a hospital, if the services performed under the direction and supervision of one of the following:</p> <p>(1) A physician;</p> <p>(2) A physician assistant designated by a physician;</p> <p>(3) An advanced practice registered nurse designated by a physician. [£]</p>				
<p>Prior to June 30, 2021 and after October 1, 2022: In a hospital, an EMT, AEMT or Paramedic may perform emergency medical services in accordance with the following conditions: only in the hospital's emergency department (ED) or while moving a patient between the ED and another part of the hospital; only under the direction and supervision of a physician, a physician assistant designated by a physician, or a RN designated by a physician (ORC 4765.36). The EMT, AEMT, or Paramedic cannot perform any service outside the scope of practice of his or her certificate to practice.</p>	X	X	X	
<p>[£] House Bill 110</p>				

<p>In the event of an emergency declared by the governor or the public health emergency, an EMS provider may perform immunizations and administer drugs or dangerous drugs, in relation to the emergency, provided the EMS provider is under physician medical direction and has received appropriate training regarding the administration of such immunizations and/or drugs. (OAC 4765.36)</p>	X	X	X	X
<p>EMS certificate holders are permitted to administer vaccinations so long as the route of administration is within the scope of practice and the certificate holder administers the vaccine pursuant to medical direction and training on the specific vaccine, which includes adherence to the recommendations and instructions of the Food and Drug Administration. [§]</p>	X	X	X	X
<p>[§] EMFTS Board motion</p>				

<p>An EMS provider may administer drugs or dangerous drugs contained within a nerve agent antidote auto-injector kit, including a MARK I[®] kit, in response to suspected or known exposure to a nerve or organophosphate agent provided the EMS provider is under physician medical direction and has received appropriate training regarding the administration of such drugs within the nerve agent antidote auto-injector kit. (OAC 4765-6-05)</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>
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<p>Withdraw blood for the purpose of determining the alcohol, drug, controlled substance, metabolite of a controlled substance, or combination content of the whole blood, blood serum, or blood plasma only if the medical director provides authorization, a written protocol, and training. It may only be performed in the course of the provision of emergency medical treatment and at the request of a law enforcement officer, and only in response to a request for emergency medical treatment and transport to a health care facility. A clinically prudent EMS provider may request transport.</p> <p>Withdrawal of blood shall not be done:</p> <ol style="list-style-type: none"> 1. If the physical welfare of the patient, EMS provider, or other person could be endangered. 2. If it causes an unreasonable delay in treatment or transport of the patient or any other person. 3. Consent of the patient is not obtained (an unconscious patient or a person with a condition rendering the person incapable of refusal shall be deemed to have consented) 4. From a pre-existing central venous access device 5. Withdrawal of blood violates any rule in this chapter (OAC 4765-6) 6. The person is deceased (OAC 4765-6-06) 			<p>X</p>	<p>X</p>
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AEMT Medication Administration Approved by the EMFTS Board

A certified AEMT may administer medications from the following list, provided the AEMT is under physician medical direction and has received appropriate training regarding the administration of such medications. A medication that does not appear on the following list SHALL NOT be added to the department's AEMT protocol.

Benzodiazepines	Lidocaine for pain relief after intraosseous needle insertions
Bronchodilators	Nalbuphine
Dextrose in water	Naloxone
Diphenhydramine	Narcotics and other analgesics for pain relief
Epinephrine 1 mg per 1 ml (subcutaneous or intramuscular)	Nitroglycerin
Glucagon	Oral ondansetron [#]
Ketamine	Sublingual nitroglycerin

[#]A certified AEMT may administer oral ondansetron for patients age 12 years or older.

The approved route of administration of any specific medication is stated in the respective EMT, AEMT, and Paramedic curriculum. The EMS provider shall administer medications only via the route addressed in each respective curriculum and consistent with their level of training.

DRAFT

The State Board of Emergency Medical, Fire, and Transportation Services (“EMFTS Board”) issues the following statement:

Regarding EMS Provider Transport of Patients with
Pre-Existing Medical Devices or Drug Administrations
February 2018

This statement is an attempt to provide general information about the above issue facing EMS providers. It should not be treated as legal advice or medical direction. For direct advice regarding a particular patient, please consult with your medical director and legal counsel. Although the following statement represents the EMFTS Board's general position on the above issue, this statement in no way precludes the EMFTS Board from taking disciplinary action in a particular case if necessary. Any potential complaints brought before the EMFTS Board will be decided on a case-by-case basis.

Introduction:

The EMFTS Board and the Ohio Department of Public Safety, Division of Emergency Medical Services, has developed a defined scope of practice for EMS providers. It is maintained in matrix form and available on-line as a reference for public access. The scope of practice addresses all levels of EMS providers and has been approved by the EMFTS Board. Changes to the scope of practice are made as necessary and after approval by the EMFTS Board.

From time to time, EMS providers are confronted on scene with patients with preexisting medical situations not included or addressed in their respective EMFTS Board approved scope of practice. Specifically, patients with pre-existing medical devices and drug administrations requiring prehospital EMS services are becoming more commonplace. The intent of this position paper is to address the EMS provider approach to that prehospital patient with a pre-existing physician-ordered medical device or drug administration (“MDDA”) not covered in the provider’s scope of practice.

Discussion:

In general, the EMS provider should maintain the pre-existing MDDA and transport the patient to the appropriate facility. There is no expectation that the EMS provider will initiate, adjust, or discontinue the preexisting MDDA. It is implied that the EMS provider will maintain and continue care so that the patient can be transported.

The EMS provider is expected to follow local protocols regarding the overall evaluation, treatment, and transportation of this type of prehospital patient requiring EMS service. It applies to EMS provider situations where alternative transportation and care is not available or practical (prehospital or “911 scene response”). It implies that the most appropriate and available level of EMS provider will respond to the request for prehospital EMS service. It also implies that the patient requires the pre-existing MDDA and it is not feasible or appropriate to transport the patient without the pre-existing MDDA.

The number and type of pre-existing MDDAs currently or potentially encountered by the EMS provider

in the community setting is extensive and may change frequently. The intent of this position paper is not to provide an inclusive list of pre-existing MDDAs. However, as a guideline for the EMS provider, current pre-existing MDDAs may include ventilatory adjuncts (CPAP, BiPAP), continuous or intermittent IV medication infusions (analgesics, antibiotics, chemotherapeutic agents, vasopressors, cardiac drugs), continuous gastric or parenteral infusion of nutrition, and nontraditional out-of-hospital drug infusion routes (subcutaneous infusaports, central venous access lines, direct subcutaneous infusions, self-contained implanted pumps).

Conclusion:

In conclusion, the EMS provider confronted with a prehospital patient with a pre-existing physician-ordered medical device or drug administration not covered in the EMS provider's respective scope of practice should provide usual care and transportation while maintaining the pre-existing MDDA, if applicable. Concerns or questions regarding real-time events associated with a pre-existing MDDA should be directed to the relevant physician providing medical direction. Concerns or questions regarding previous, recurrent, or future prehospital transports with a pre-existing MDDA should be directed to the appropriate EMS medical director or legal counsel.

DRAFT

October 2013
Revised January 29, 2018
Approved by the EMFTS Board February 15, 2018