

Office of EMS and Trauma

2020 Scope of Practice Update

David Newton, Director
December 2019



GEORGIA DEPARTMENT OF PUBLIC HEALTH

1

Topics

- What is a Scope of Practice
- Scope of Practice vs Standard of Care
- Accreditation, Certification, Licensure
- National Scope vs Georgia Scope
- New 2019 National Scope of Practice
- Previous versions of Georgia's Scope of Practice
- 2020 Georgia Scope of Practice
- Post-Licensure Skills for Paramedics

GEORGIA DEPARTMENT OF PUBLIC HEALTH

2

What is a Scope of Practice



GEORGIA DEPARTMENT OF PUBLIC HEALTH

3

Definition

"The term **scope of practice** is used to specify the extent of privileges permitted by state law for a given class of allied health provider based on specific criteria like education, training, experience, and special qualifications."

Regulatory, Legal, and Liability Issues Pertaining to Transesophageal Echocardiography
<https://www.sciencedirect.com/topics/medicine-and-dentistry/scope-of-practice>

"**Scope of practice**—Defined parameters of various duties or services that may be provided by an individual with specific credentials. Whether regulated by rule, statute, or court decision, it represents the limits of services an individual may legally perform."

2019 National EMS Scope of Practice Model
https://www.ems.gov/pdf/National_EMS_Scope_of_Practice_Model_2019.pdf

GEORGIA DEPARTMENT OF PUBLIC HEALTH

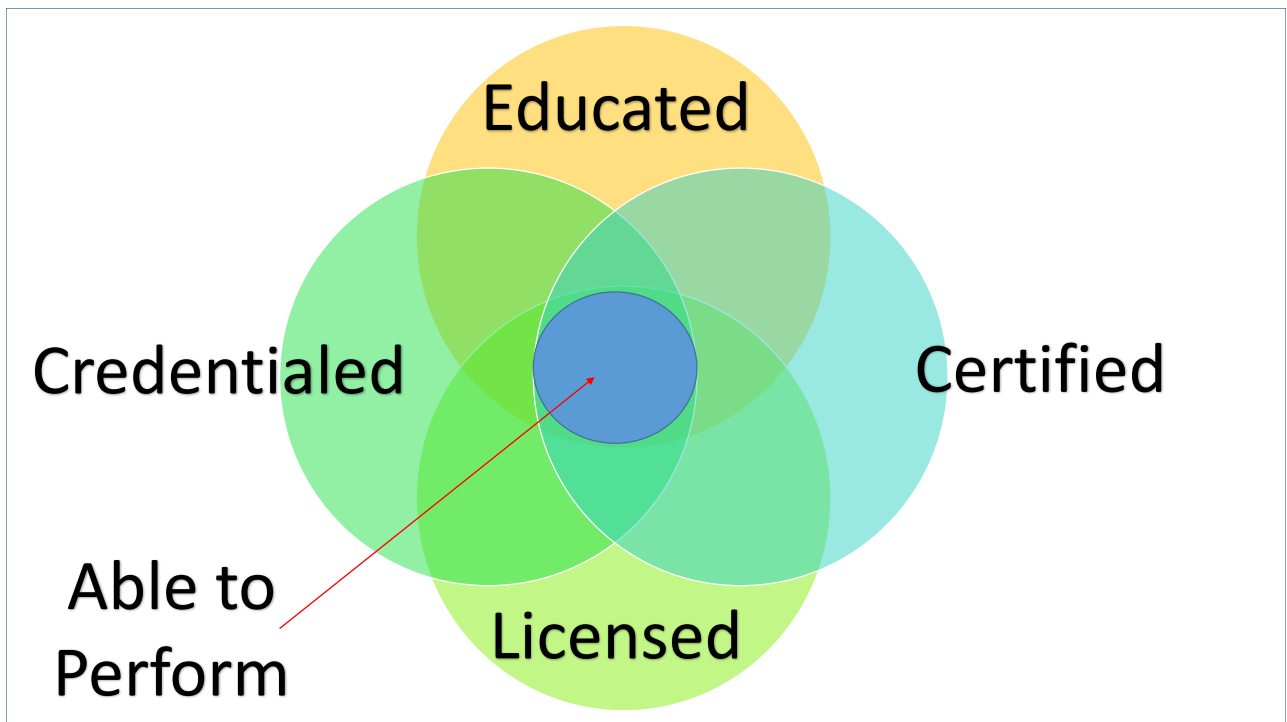
4

Why do we have a Scope of Practice?

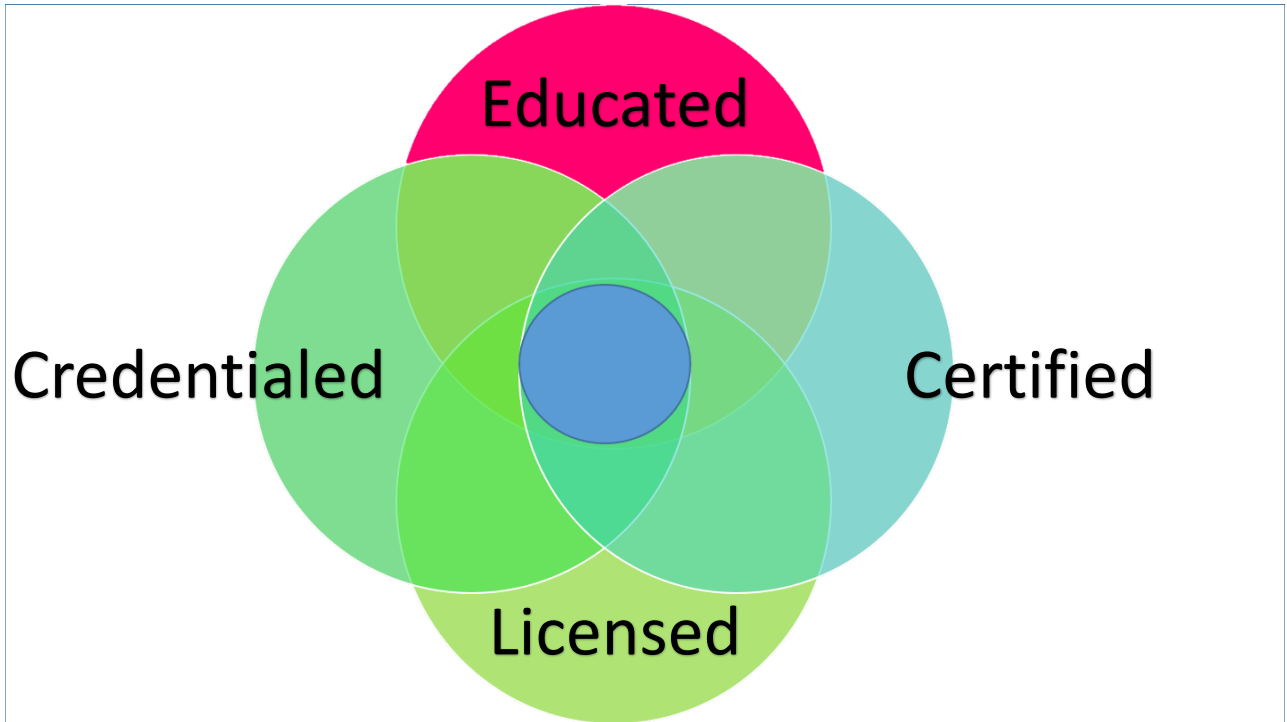
PUBLIC PROTECTION

GEORGIA DEPARTMENT OF PUBLIC HEALTH

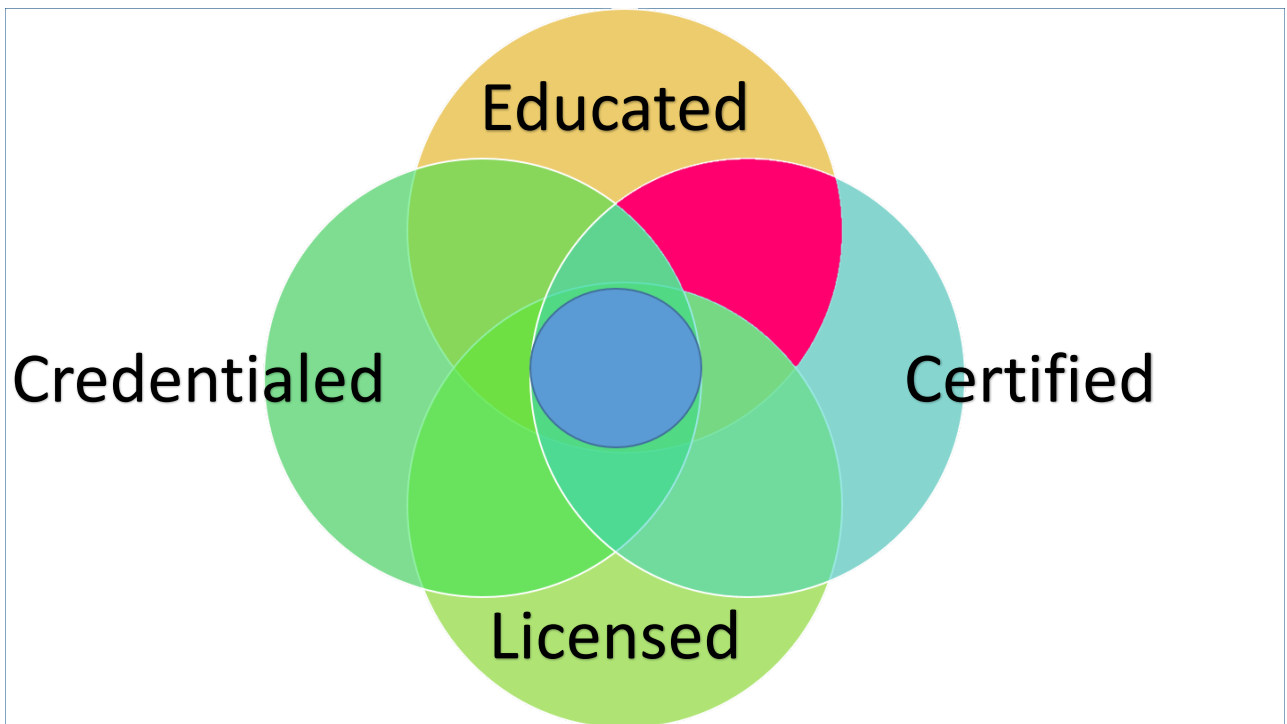
5



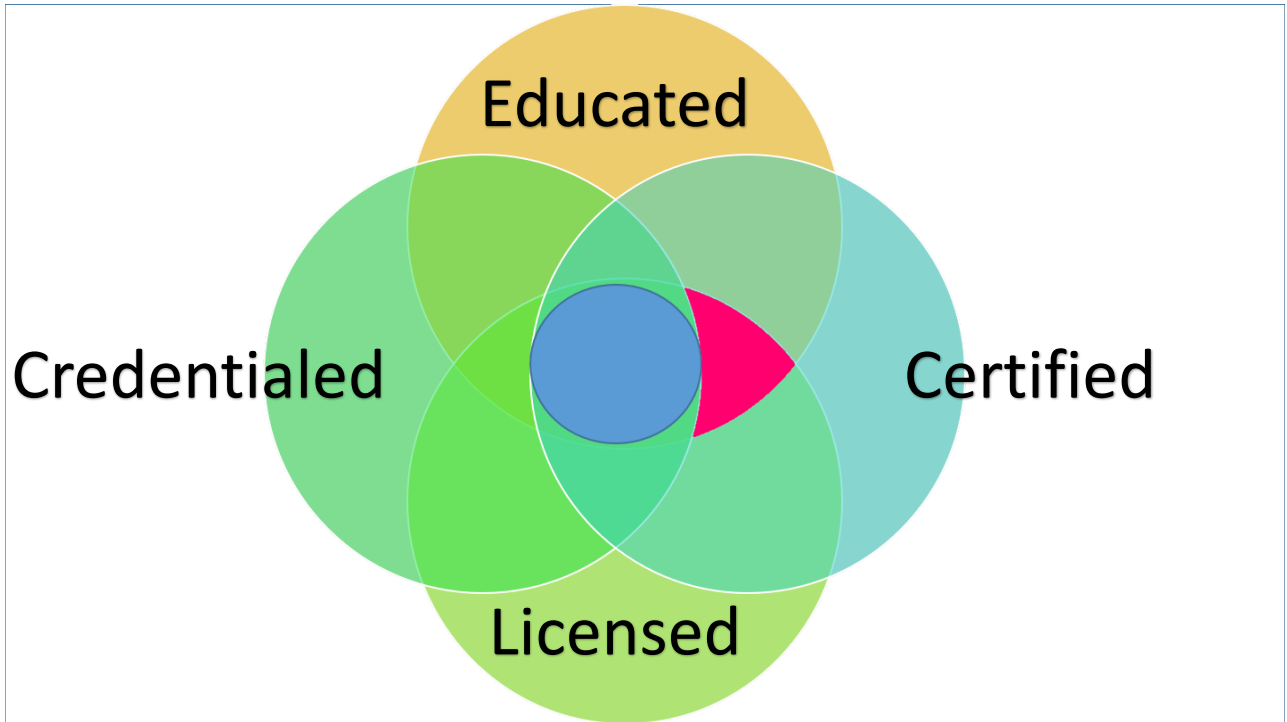
6



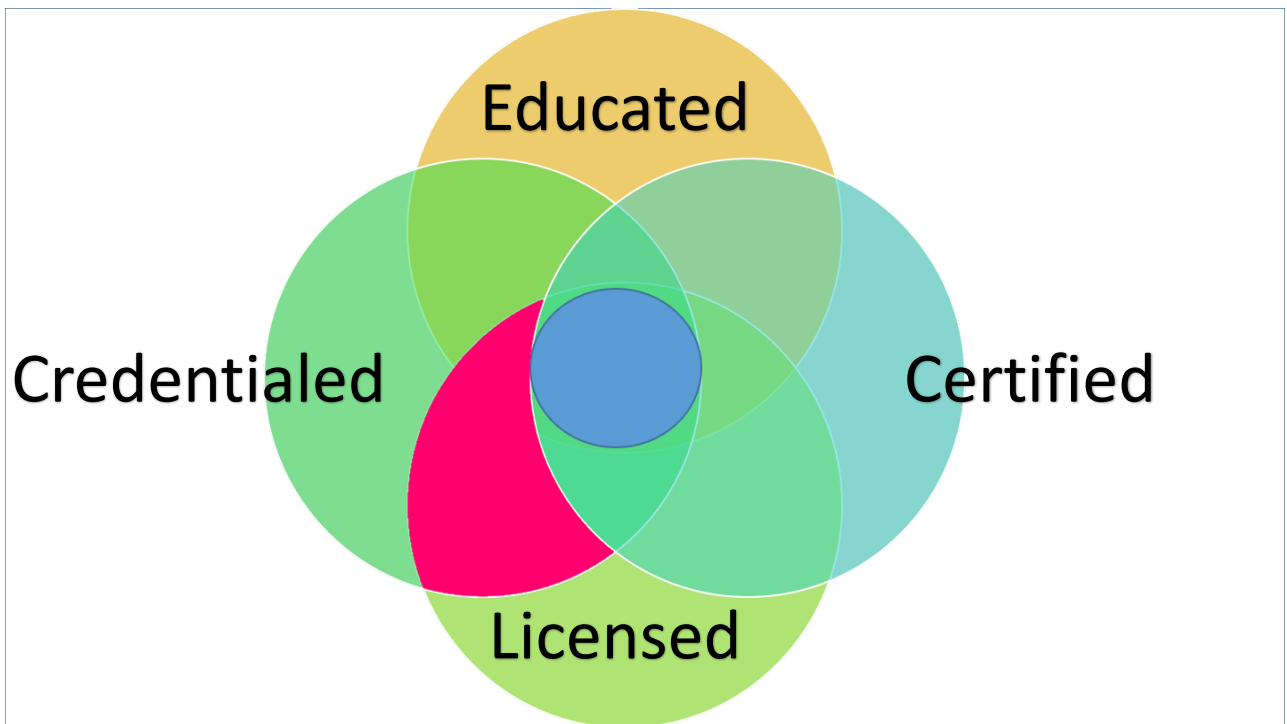
7



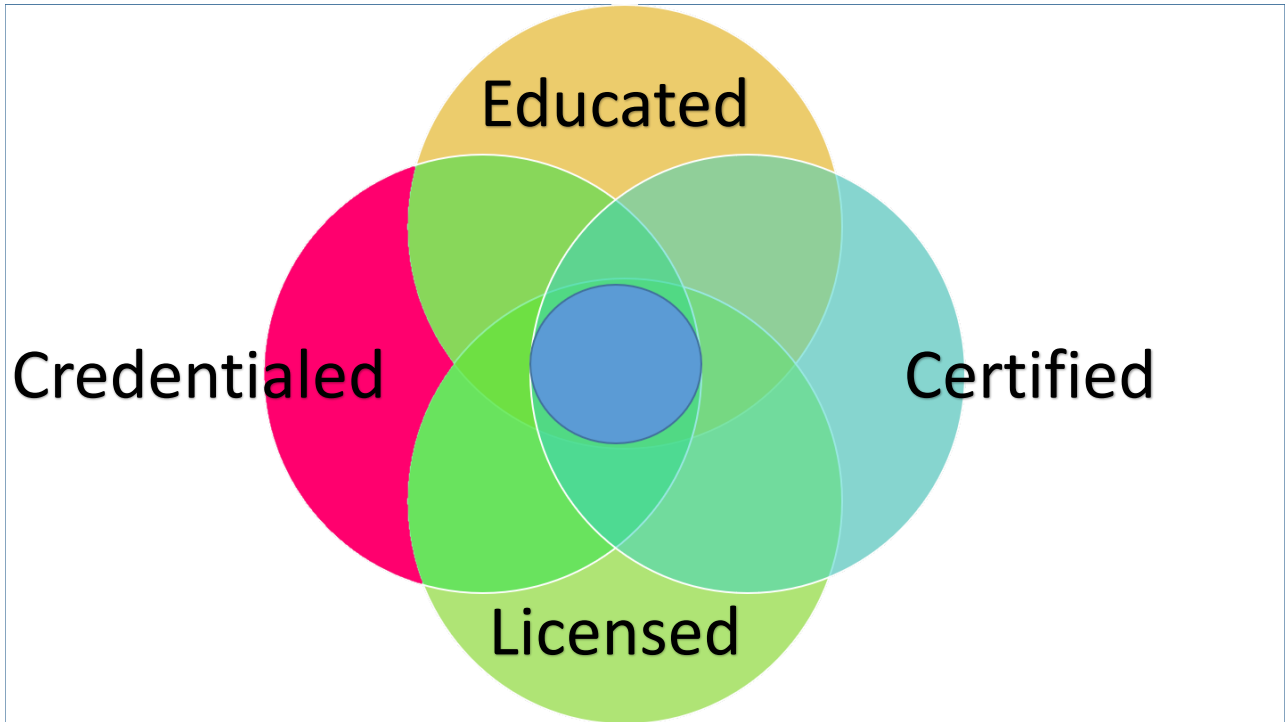
8



9



10



11

Just because you can...



GEORGIA DEPARTMENT OF PUBLIC HEALTH

12

Scope of Practice vs Standard of Care



GEORGIA DEPARTMENT OF PUBLIC HEALTH

13

Scope of Practice vs Standard of Care

	Scope of Practice	Standard of Care
Purpose	"Are you/were you allowed to do it?"	"Did you do the right thing and did you do it properly?"
Legal Implications	Act of commission is a criminal offense or rule violation	Acts of commission or omission not in conformance with the standard of care may lead to civil liability
Variability	May vary from individual to individual (EMT vs AEMT vs Paramedic). Does not vary based on circumstances.	Situational, depends on many variables
Defined by	Established by statute, rules, regulations, precedent, and/or licensure board interpretations	Determined by scope of practice, literature, expert witnesses, and juries
NOTE	It is difficult to regulate knowledge through scope of practice.	Used to evaluate the totality of circumstances. What would a reasonable EMS person do in the same or similar circumstances?

GEORGIA DEPARTMENT OF PUBLIC HEALTH

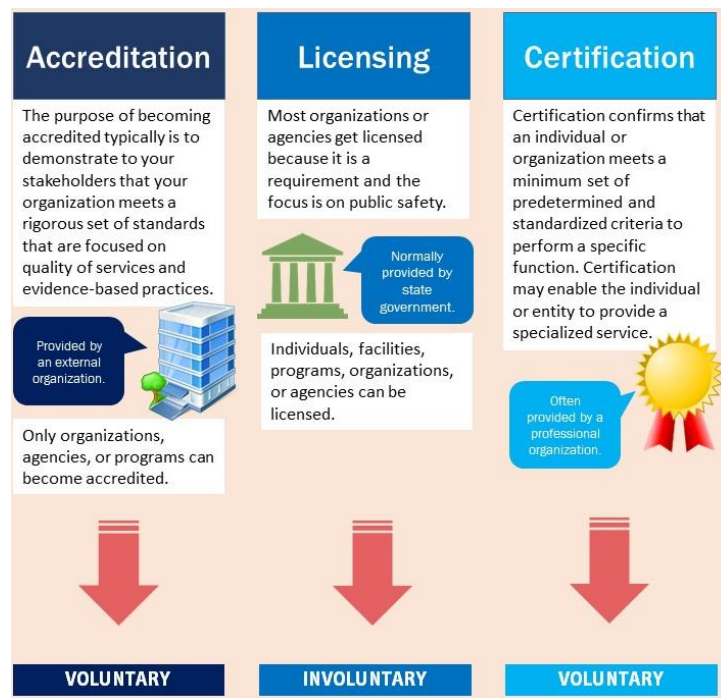
14

Accreditation, Certification, Licensure



GEORGIA DEPARTMENT OF PUBLIC HEALTH

15



GEORGIA DEPARTMENT OF PUBLIC HEALTH

16

National Scope vs Georgia Scope



GEORGIA DEPARTMENT OF PUBLIC HEALTH

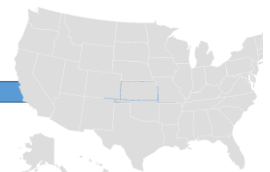
17

Floor vs Ceiling

Ceiling – Georgia sets the maximum you can't go above

Medical Directors can credential up to the ceiling, but should not go below the floor

Floor – States should not go below



GEORGIA DEPARTMENT OF PUBLIC HEALTH

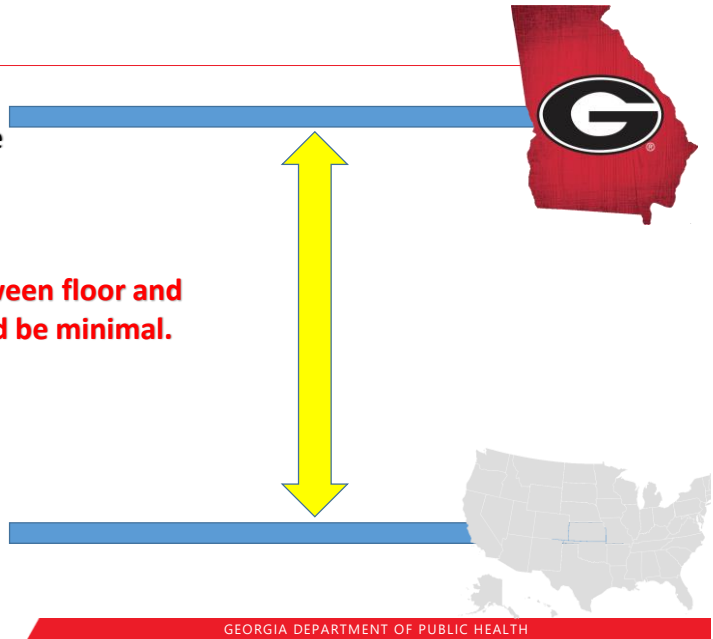
18

Floor vs Ceiling

Ceiling – Georgia sets the maximum you can't go above

Distance between floor and ceiling should be minimal.

Floor – States should not go below

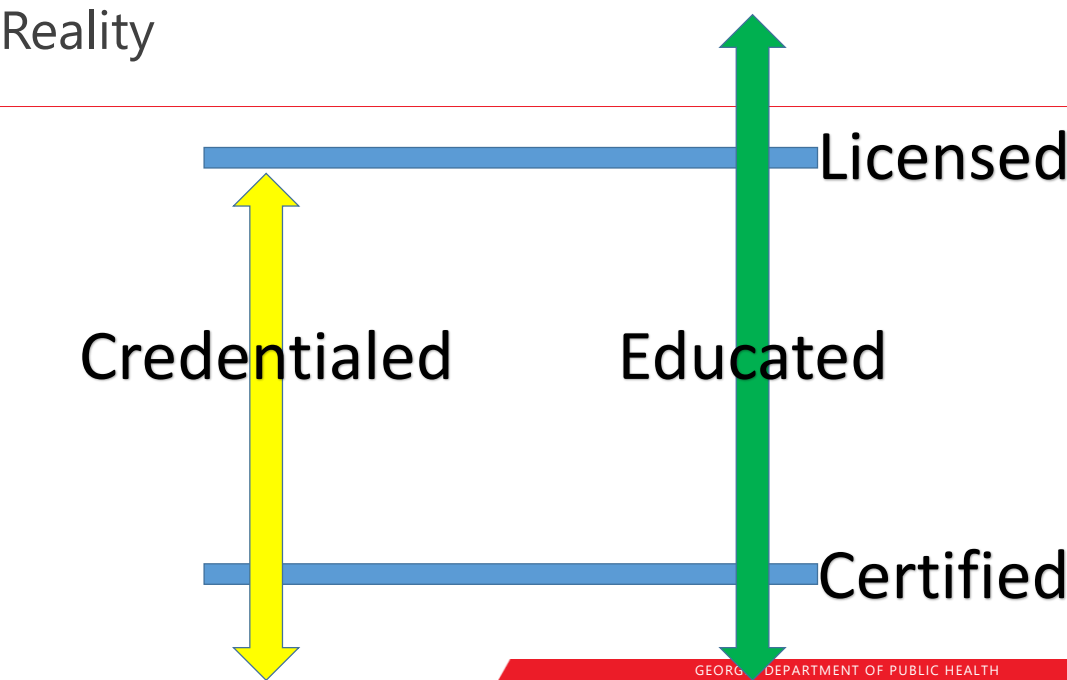


19

Ideal

Educated Certified Licensed Credentialed

20



21

New National Scope of Practice



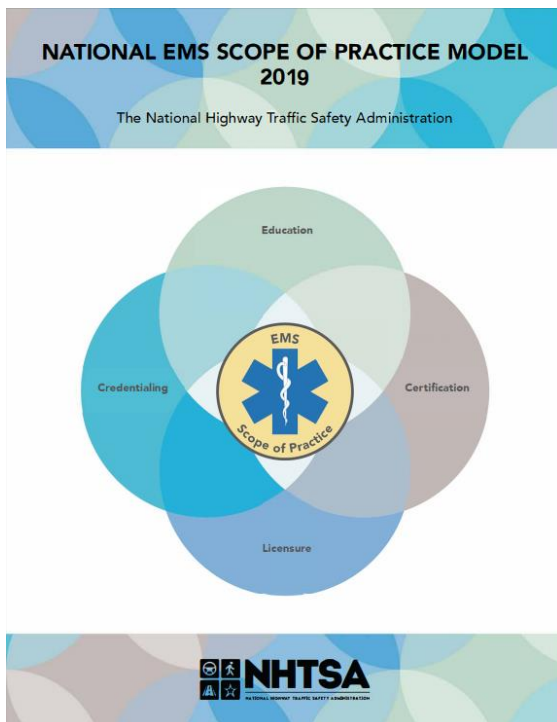
22

2019 National Scope of Practice Model



GEORGIA DEPARTMENT OF PUBLIC HEALTH

23



Some of the changes...

- CPAP for EMTs – **not in GA (yet)**
- 12-Lead Acquisition/Transmission for EMTs/AEMTs – **already in GA**
- EtCO₂ monitoring and interpretation of waveform capnography for AEMTs– **not in GA (yet)**
- Wound Packing for all levels– **already in GA**
- Telemetric monitoring devices and transmission of clinical data, including video data for EMT/AEMT/PMDC – **sort of in Georgia**
- Parenteral analgesia for pain for AEMTs – **not in GA (yet)**

GEORGIA DEPARTMENT OF PUBLIC HEALTH

24

When will Georgia move to the 2019 National Scope of Practice?

- Short answer...when we are ready.
- Steps needed:
 - National EMS Education Standards and Instructional Guidelines need to be updated, then all education programs need to teach the new material
 - OEMS and EMSMDAC to review National SOP vs Georgia SOP
 - Develop transition curriculum for currently licensed personnel

25

GEORGIA DEPARTMENT OF PUBLIC HEALTH


Previous versions of GA's SOP



GEORGIA DEPARTMENT OF PUBLIC HEALTH

26

2015



SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
FORM R-P11A

Emergency medical personnel are permitted to perform only those skills listed under their licensure level, and only once they have been trained on those skills, and credentialed to perform those skills by their local EMS Medical Director. Emergency medical personnel are permitted to administer only medications listed under their licensure level, and only once they are trained in the pharmacology of that medication, and credentialed to administer that medication by their local EMS Medical Director.

Key to Provider Levels	
EMT	E Emergency Medical Technician
EMT-I	I Emergency Medical Technician-Intermediate/BS
AEMT	A Advanced Emergency Medical Technician
CT	C Cardiac Technician
PMDC	P Paramedic

NOTE: If a provider code (the single letter code from the table above) is listed for a particular skill, then that level of EMS provider is permitted to perform that skill. Interpretive guidelines serve to clarify and/or modify the skill listed. If an asterisk (*) appears with the letter code for a specific provider level, then the interpretive guidelines may modify the skill for that provider level.

Airway and Breathing Skills	Levels	Interpretive Guidelines
1. Supplemental oxygen therapy		
a. Oxygen delivery devices	E I A C P	This would include any type of cannula or mask designed for the delivery of oxygen.
b. Humidified oxygen	E I A C P	

EMT E


EMT-I I

AEMT A

CT C

PMDC P

R-P11A: Scope of Practice for EMS Personnel - Revised 12/03/2015Page 1 of 8



SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
FORM R-P11A

Emergency medical personnel are permitted to perform only those skills listed under their licensure level, and only once they have been trained on those skills, and credentialed to perform those skills by their local EMS Medical Director. Emergency medical personnel are permitted to administer only medications listed under their licensure level, and only once they are trained in the pharmacology of that medication, and credentialed to administer that medication by their local EMS Medical Director.

Key to Provider Levels	
EMT	E Emergency Medical Technician
EMT-I	I Emergency Medical Technician-Intermediate/BS
AEMT	A Advanced Emergency Medical Technician
CT	C Cardiac Technician
PMDC	P Paramedic

NOTE: If a provider code (the single letter code from the table above) is listed for a particular skill, then that level of EMS provider is permitted to perform that skill. Interpretive guidelines serve to clarify and/or modify the skill listed. If an asterisk (*) appears with the letter code for a specific provider level, then the interpretive guidelines may modify the skill for that provider level.

Airway and Breathing Skills	Levels	Interpretive Guidelines
1. Supplemental oxygen therapy		
a. Oxygen delivery devices	E I A C P	This would include any type of cannula or mask designed for the delivery of oxygen.
b. Humidified oxygen	E I A C P	

EMT E

EMT-I I

AEMT A

CT C

PMDC P

R-P11A: Scope of Practice for EMS Personnel - Revised 12/03/2015Page 1 of 8

2020 Georgia Scope of Practice



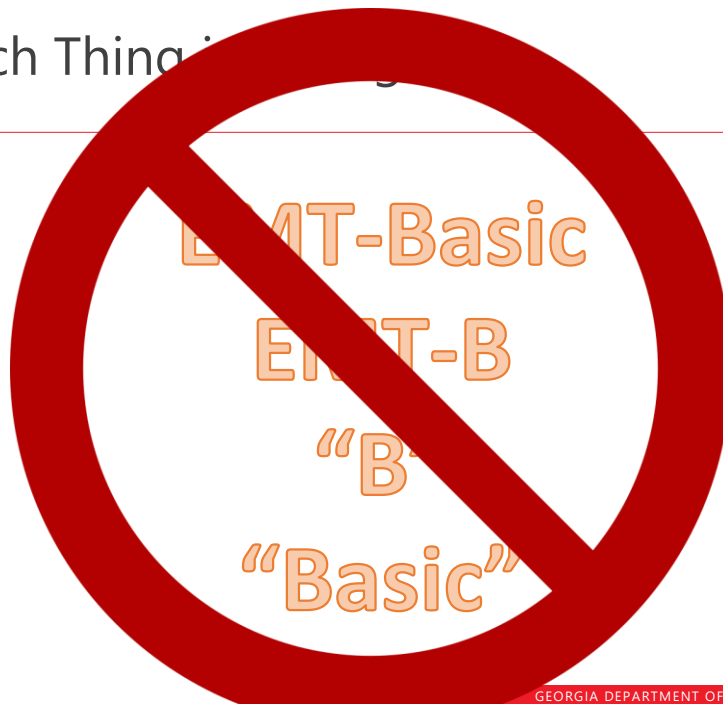
Legal Authority

- **EMTs (and EMT-Is, AEMTs)**
 - O.C.G.A. § 31-11-53 - Services which may be rendered by certified emergency medical technicians and trainees
- **Cardiac Technicians**
 - O.C.G.A. § 31-11-55. Services which may be rendered by certified cardiac technicians and trainees
- **Paramedics**
 - O.C.G.A. § 31-11-54. Services which may be rendered by paramedics and paramedic trainees
- **In Hospitals**
 - O.C.G.A. § 31-11-59. Services of emergency medical technicians, paramedics, and cardiac technicians in hospitals

GEORGIA DEPARTMENT OF PUBLIC HEALTH

31

No Such Thing as




GEORGIA DEPARTMENT OF PUBLIC HEALTH

32

DPH
GEORGIA DEPARTMENT OF PUBLIC HEALTH

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Approval:  12/23/2019
David Newton, Director, Office of EMS and Trauma Date

As noted in the 2019 National EMS Scope of Practice Model (available at www.ems120.org), an individual may only perform a skill or role for which that person is:

- **EDUCATED** (has been trained to perform the skill or role); **AND**
- **CERTIFIED** (has demonstrated competence in the skill or role); **AND**
- **LICENSED** (has legal authority issued by the State to perform the skill or role); **AND**
- **CREDENTIALLED** (has been authorized by the medical director to perform the skill or role).

In Georgia, EMS personnel are permitted to perform only those skills listed under their licensure level, and only once they have been **trained** on those skills, **certified** as competent, **credentialed** to perform those skills by their local EMS Medical Director, and only while operating under standing, verbal or written **orders** from their local EMS Medical Director, transferring physician or a Medical Control physician. EMS personnel are permitted to administer only medications listed under their licensure level, and only once they are **trained** in the pharmacology of that medication, **certified** as competent to administer the medication, **credentialed** to administer that medication by their local EMS Medical Director, and **ordered** to give that medication by standing, verbal or written orders from the local EMS Medical Director, transferring physician or a Medical Control Physician.

While EMS personnel are permitted to do the skills or administer medications in this document, given the conditions above, the decision to perform a skill or administer medications in a given situation for a particular patient should be based on the patient's clinical presentation and current evidence-based practice. Being able to do a skill or administer a medication does not mean a provider should do that skill or administer that medication.

Key to Provider Levels	
EMT	E Emergency Medical Technician
EMT-I	I Emergency Medical Technician-Intermediate
AEMT	A Advanced Emergency Medical Technician
CT	C Cardiac Technician
PMDC	P Paramedic

NOTE: If a provider code (the single letter code from the table above) is listed for a particular skill, then that level of EMS provider is permitted to perform that skill. If a skill does not have the letter code shown for a provider level, then personnel licensed at that level are NOT permitted to perform that skill. EMS providers performing skills outside their scope of practice may be subject to disciplinary action under DPH Rules and Regulations 511-8-2. Interpretive guidelines serve to clarify or modify the skill listed. If an asterisk (*) appears with the letter code for a specific provider level, then the interpretive guidelines may modify the skill for that provider level.

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020 Page 1 of 11

DPH
GEORGIA DEPARTMENT OF PUBLIC HEALTH

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Implementation Timeline for 2020 Scope of Practice

This version of the Georgia Scope of Practice for EMS Personnel becomes effective on January 1, 2020. Given the nature of the changes from the 2015 scope of practice to the 2020 scope of practice, as they relate to the use of advanced transport ventilators and other skills that are listed under the Post-Licensure Skills for Paramedics section, there will be a six (6) month grace period for the full implementation of the 2020 Georgia Scope of Practice. EMS agencies that are already (as of 12/31/2019) allowing paramedics to use advanced transport ventilators or perform other skills that are listed under the Post-Licensure Skills for Paramedics section, may continue to allow those skills up until June 30, 2020. **Beginning July 1, 2020, any agency that desires to allow paramedics to use advanced transport ventilators or use any of the skills now listed under the Post-Licensure Skills for Paramedics section, must meet all the requirements under that section.**

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020 Page 2 of 11

Page 1 - Skills

In Georgia, EMS personnel are permitted to perform only those skills listed under their licensure level, and only once they have been **trained** on those skills, **certified** as competent, **credentialed** to perform those skills by their local EMS Medical Director, and only while operating under standing, verbal or written **orders** from their local EMS Medical Director, transferring physician or a Medical Control physician.

Page 1 - Medications

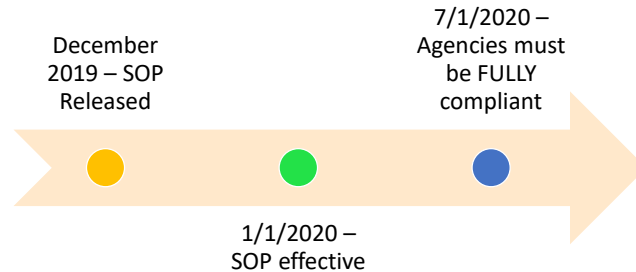
EMS personnel are permitted to administer only medications listed under their licensure level, and only once they are **trained** in the pharmacology of that medication, **certified** as competent to administer the medication, **credentialed** to administer that medication by their local EMS Medical Director, and **ordered** to give that medication by standing, verbal or written orders from the local EMS Medical Director, transferring physician or a Medical Control Physician.

Page 1 – Common Sense & Clinical Judgement

While EMS personnel are permitted to do the skills or administer medications in this document, given the conditions above, the decision to perform a skill or administer a medication in a given situation for a particular patient should be based on the patient's clinical presentation and current evidence-based practice. ***Being able to perform a skill or administer a medication does not mean a provider should perform that skill or administer that medication.***

Page 2 - Timeline

- 6-month grace period to come into full compliance with ATVs and other skills that are now listed under Post-Licensure Skills.



GEORGIA DEPARTMENT OF PUBLIC HEALTH

37

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Airway and Breathing Skills	Levels	Interpretive Guidelines
1. Supplemental oxygen therapy		
a. Oxygen delivery devices	E I A C P	This would include any type of cannula or mask designed for the delivery of oxygen but does not include high flow nasal cannulas.
b. Humidified oxygen	E I A C P	
2. Basic airway management		
a. Manual maneuvers to open and control the airway	E I A C P	This would include procedures such as: head-tilt, chin-lift, tongue-jaw lift, jaw thrust, Sellick's maneuver.
b. Manual maneuvers to remove obstructions from the airway	E I A C P	
c. Insertion of airway adjuncts intended to go into the oropharynx	E I A C P	
d. Insertion of airway adjuncts intended to go into the nasopharynx	E I A C P	
3. Ventilation management		
a. Mouth to barrier devices	E I A C P	
b. Bag-valve mask	E I A C P	
c. Manually triggered ventilators	E I A C P	
d. Automatic transport ventilators capable of rate and tidal volume adjustments only	E* I* A* C P	EMTs, EMT-Is and AEMTs are limited to the initiation of automatic transport ventilators during resuscitative efforts only.
e. Chronic-use home ventilators	E I A C P	
4. Suctioning		
a. Upper airway suctioning	E I A C P	
b. Tracheobronchial suctioning	A* C P	AEMTs are limited to tracheobronchial suctioning of patients with pre-established airways.
5. Advanced airway management		
a. CPAP/BIPAP administration and management	I A C P	
b. Supraglottic airway device (BIAD) (Blind Insertion Airway Device) insertion	I* A* C P	This would also permit the removal of a supraglottic airway under medically appropriate circumstances for the specific levels. EMT-Is and AEMTs are limited to the insertion of devices not intended to be placed into trachea.

EMT E EMT-I I AEMT A CT C PMDC P

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Airway and Breathing Skills	Levels	Interpretive Guidelines
5. Advanced airway management (continued)		
c. Endotracheal intubation	C P	This includes nasal and oral endotracheal intubation; extubation for medically necessary reasons; initiation of PEEP; and the maintenance and transport of patients who are currently intubated.
d. Airway obstruction removal by direct laryngoscopy	C P	
e. Percutaneous cricothyrotomy	P	This would include retrograde intubation techniques and devices that puncture the skin and/or cricothyroid membrane. Paramedics are not permitted to make a surgical incision of the cricothyroid membrane. Paramedics may perform skin incisions with a surgical blade for percutaneous cricothyrotomy.
f. Gastric decompression	P	Includes NG and OG tubes.
g. Pleural decompression via needle thoracostomy	P	
h. Chest tube monitoring	P	
Assessment Skills	Levels	Interpretive Guidelines
1. Basic assessment skills		
a. Perform simple patient assessments	E I A C P	
b. Perform comprehensive patient assessments	E I A C P	
c. Obtaining vital signs manually	E I A C P	
2. Advanced assessment skills/Monitoring Devices		
a. Obtaining vital signs by electronic devices	E I A C P	This would include the use of non-invasive blood pressure monitoring devices, as well as pulse oximetry, SpO2 oximetry measurement and blood glucose monitoring.
b. End-tidal CO2 monitoring and interpretation of waveform capnography	C P	
c. Blood chemistry analysis	P	Includes the use of advanced point-of-care testing devices.


EMT E EMT-I I AEMT A CT C PMDC P

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 3 of 11

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 4 of 11



DEPARTMENT OF PUBLIC HEALTH

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

88

Airway and Breathing Skills		Levels		Interpretive Guidelines	
5. Advanced airway management (continued)					
c. Endotracheal intubation			C	P	This includes nasal and oral endotracheal intubation; extubation for medically necessary reasons; initiation of PEEP; and the maintenance and transport of patients who are currently intubated.
d. Airway obstruction removal by direct laryngoscopy			C	P	
e. Percutaneous cricothyrotomy			P		This would include retrograde intubation techniques and devices that puncture the skin and/or cricothyroid membrane. Paramedics are not permitted to make a surgical incision of the cricothyroid membrane. Paramedics may perform skin incisions with a surgical blade for percutaneous cricothyrotomy. Includes NG and OG tubes.
f. Gastric decompression				P	
g. Pleural decompression via needle thoracostomy				P	
h. Chest tube monitoring				P	

Assessment Skills		Levels		Interpretive Guidelines		
1. Basic assessment skills						
a. Perform simple patient assessments	E	I	A	C	P	
b. Perform comprehensive patient assessments	E	I	A	C	P	
c. Obtaining vital signs manually	E	I	A	C	P	
2. Advanced assessment skills: Monitoring Devices						
a. Obtaining vital signs by electronic devices	E	I	A	C	P	This would include the use of non-invasive blood pressure monitoring devices, as well as pulse oximetry, capnometry measurement and blood glucose monitoring.
b. End-tidal CO ₂ monitoring and interpretation of waveform capnography				C	P	
c. Blood chemistry analysis				P		Includes the use of advanced point-of-care testing devices.

EMT **E**

EMT-I **I**

AEMT **A**

CT **C**

PMDC **P**

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 4 of 11

38

Page 3 – Automatic Transport Ventilators

3. Ventilation management						
a. Mouth to barrier devices	E	I	A	C	P	
b. Bag-valve mask	E	I	A	C	P	
c. Manually triggered ventilators	E	I	A	C	P	
d. Automatic transport ventilators capable of rate and tidal volume adjustments only	E*	I*	A*	C	P	EMTs, EMT-Is and AEMTs are limited to the initiation of automatic transport ventilators during resuscitative efforts only.
e. Chronic-use home ventilators	E	I	A	C	P	

GEORGIA DEPARTMENT OF PUBLIC HEALTH

39

Page 4 – Advanced Airway

5. Advanced airway management (continued)						
c. Endotracheal intubation				C	P	This includes: nasal and oral endotracheal intubation; extubation for medically necessary reasons; initiation of PEEP; and the maintenance and transport of patients who are currently intubated.
d. Airway obstruction removal by direct laryngoscopy				C	P	
e. Percutaneous cricothyrotomy					P*	This would include retrograde intubation techniques and devices that puncture the skin and/or cricothyroid membrane. Paramedics are not permitted to make a surgical incision of the cricothyroid membrane. Paramedics may perform skin incisions with a surgical blade for percutaneous cricothyrotomy.
f. Gastric decompression					P	Includes NG and OG tubes.

GEORGIA DEPARTMENT OF PUBLIC HEALTH


40

Page 4 – Monitoring Devices

2. Advanced assessment skills/Monitoring Devices						
a. Obtaining vital signs by electronic devices	E	I	A	C	P	This would include the use of non-invasive blood pressure monitoring devices, as well as pulse oximetry/co-oximetry measurement and blood glucose monitoring.
b. End tidal CO ₂ monitoring and interpretation of waveform capnography				C	P	
c. Blood chemistry analysis					P	Includes the use of advanced point-of-care testing devices.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

41



GEORGIA DEPARTMENT OF PUBLIC HEALTH

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Pharmacological Interventions/Skills	Levels					Interpretive Guidelines
1. Fundamental pharmacological skills	E	I	A	C	P	
a. Use of unit dose commercial pre-filled containers or auto-injectors for the administration of life saving medications for chemical/hazardous material exposures						
b. Assist patients in taking their own prescribed medications as approved by the local EMS Medical Director						
c. Administration of over-the-counter medications with appropriate medical direction						Includes oral glucose for hypoglycemia and aspirin for chest pain of suspected ischemic origin.
2. Advanced pharmacological skills: Venipuncture/vascular access						
a. Obtaining peripheral venous blood specimens	E*	I	A	C	P	This is either through direct venipuncture or through an existing IV catheter.
b. Transport of a patient with a pre-established peripheral IV/trauma line lock						This would permit EMTs and above to transport patients with pre-established IV/trauma lines. EMTs are not permitted to access the IV/trauma line nor are they permitted to remove it.
c. Peripheral IV insertion and maintenance; includes removal as needed						This includes an IV/trauma line. Peripheral lines include external jugular veins but does not include placement of umbilical catheters.
d. Intraosseous device insertion; includes removal as needed			A	C	P	This includes placement in both adult and pediatric patients. This also includes both manual and mechanically assisted devices as approved by the local EMS Medical Director.
e. Access indwelling catheters and implanted central IV ports for fluid and medication administration				C	P	After approval of the local EMS Medical Director AND only after successful completion of device-specific training and appropriate periodic (at least annually) skills verification, as specified, approved and validated by the local EMS Medical Director. CTs and Paramedics are NOT permitted to place or remove central venous catheters.
f. Central line monitoring				C	P	

EMT E EMT-I I AEMT A CT C PMDC P


Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 5 of 11

EMT E EMT-I I AEMT A CT C PMDC P

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 5 of 11



GEORGIA DEPARTMENT OF PUBLIC HEALTH

SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Pharmacological Interventions/Skills	Levels					Interpretive Guidelines
3. Advanced pharmacological skills: Medication/Fluids Administration						
a. Administration of crystalloid IV solutions	P	A*	C	P		This includes hypotonic, isotonic and hypertonic solutions as approved by the local EMS Medical Director. This also includes combination solutions, such as D5NS. EMTs and AEMTs are limited to the initiation of crystalloid solutions that do not have added pharmacological agents.
b. Maintenance of non-medicated IV fluids	I	A	C	P		CTs are authorized to maintain only the following: antiarrhythmics, vagolytic agents, chronotropic agents, alkalinizing agents, analgesic agents and vasopressor agents.
c. Maintenance of medicated IV fluids			C*	P		
d. Administration of hypertonic dextrose solutions for hypoglycemia	I	A	C	P		Hypertonic dextrose solutions may be given IV/IO.
e. Administration of glucagon for hypoglycemia		A	C	P		Glucagon may be administered via IM, SC, IV, IO or intranasal routes as approved by the local EMS Medical Director.
f. Administration of SL nitroglycerine to a patient experiencing chest pain of a suspected ischemic origin		A	C	P		
g. Parenteral administration of epinephrine for anaphylaxis	E*	P	A*	C	P	EMTs and EMT-I may only administer epinephrine via an auto-injector. EMTs and EMT-I may also administer epinephrine from a vial/syringe from a commercially or pharmacy pre-assembled and pre-measured kit, via the IM route after approval of the local EMS Medical Director AND successful completion of post-licensure training and appropriate periodic (at least annually) skills verification, as specified, approved and validated by the local EMS Medical Director. Agencies must maintain documentation and submit to OEMS upon request, of all training, skills verifications and medical director approvals/validations. AEMTs may prepare and administer epinephrine via the IM route only.

EMT **E** EMT-4 **I** AEMT **A** CT **C** PMDC **P**

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 6 of 11

EMT E EMT-I I AEMT A CT C PMDC P

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 6 of 11

42

Page 5 – Pharmacological skills

1.	Fundamental pharmacological skills					
a.	Use of unit dose commercial pre-filled containers or auto-injectors for the administration of life saving medications for chemical/hazardous material exposures.	E	I	A	C	P
2.	Advanced pharmacological skills: Venipuncture/vascular access					
a.	Obtaining peripheral venous blood specimens		I	A	C	P
b.	Transport of a patient with a pre-established peripheral INT/saline lock	E*	I	A	C	P
		<i>This is either through direct venipuncture or through an existing IV catheter.</i> <i>This would permit EMTs and above to transport patients with pre-established INTs/saline locks. EMTs are not permitted to access the INT/saline lock, nor are they permitted to remove it.</i>				

GEORGIA DEPARTMENT OF PUBLIC HEALTH

43

Page 5 – Pharmacological skills

e.	Access indwelling catheters and implanted central IV ports for fluid and medication administration.				C	P	After approval of the local EMS Medical Director AND only after successful completion of device-specific training and appropriate periodic (at least annually) skills verification, as specified, approved and validated by the local EMS Medical Director. CTs and Paramedics are NOT permitted to place or remove central venous catheters.
f.	Central line monitoring				C	P	

GEORGIA DEPARTMENT OF PUBLIC HEALTH

44

Page 6 - Medications

3. Advanced pharmacological skills: Medication/Fluids Administration					
a. Administration of crystalloid IV solutions		I*	A*	C	P
b. Maintenance of non-medicated IV fluids		I	A	C	P
c. Maintenance of medicated IV fluids				C*	P
<p><i>This includes hypotonic, isotonic and hypertonic solutions as approved by the local EMS Medical Director. This also includes combination solutions, such as D5NS. EMT-Is and AEMTs are limited to the initiation of crystalloid solutions that do not have added pharmacological agents.</i></p> <p><i>CTs are authorized to maintain only the following: anti-arrhythmics, vagolytic agents, chronotropic agents, alkalinizing agents, analgesic agents and vasopressor agents.</i></p>					

GEORGIA DEPARTMENT OF PUBLIC HEALTH

45

Page 6 - Epinephrine

g. Parenteral administration of epinephrine for anaphylaxis	E*	I*	A*	C	P
<p><i>EMTs and EMT-Is may only administer epinephrine via an auto-injector. EMTs and EMT-Is may also administer epinephrine from a vial/syringe from a commercially or pharmacy pre-assembled and pre-measured kit, via the IM route after approval of the local EMS Medical Director AND successful completion of post-licensure training and appropriate periodic (at least annually) skills verification, as specified, approved and validated by the local EMS Medical Director. Agencies must maintain documentation and submit to OEMS upon request, of all training, skills verifications and medical director approval/validations. AEMTs may prepare and administer epinephrine via the IM route only.</i></p>					

GEORGIA DEPARTMENT OF PUBLIC HEALTH

46

Cost Benefit Analysis



Draw up Epi

Training costs (annual):

- Overtime?
- Supplies
- Needles
- Curriculum

1 Dose is much cheaper than auto-injector.

Training not included in initial education curriculum.

More prone to medication errors.

Use Auto-Injector


Cost of Auto-Injector is \$\$\$!


Training included in initial education.

Less prone to medication errors.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

47

 SCOPE OF PRACTICE FOR EMS PERSONNEL GEORGIA OFFICE OF EMS AND TRAUMA POLICY: SOP-2020 (effective 1/1/2020)				
Pharmacological Interventions/Skills	Levels			Interpretive Guidelines
3. Advanced pharmacological skills: Medication/Fluids Administration (continued)				
i. Administration of inhaled (nebulized) beta agonist bronchodilator and anticholinergic agents for dyspnea and wheezing	E*	P	A	C
ii. Administration of a narcotic antagonist to a patient with a suspected narcotic overdose	E*	P	A	C
iii. Administration of nitrous oxide (50% mixture) for pain relief			A	C
iv. Vaccine administration	P	A*	C*	P
v. Paralytic administration				P
vi. Sedative/hypnotic agents				P
EMT E EMT-I I AEMT A CT C PMDC P				
Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020				
Page 7 of 11				

 SCOPE OF PRACTICE FOR EMS PERSONNEL GEORGIA OFFICE OF EMS AND TRAUMA POLICY: SOP-2020 (effective 1/1/2020)				
Pharmacological Interventions/Skills	Levels			Interpretive Guidelines
3. Advanced pharmacological skills: Medication/Fluids Administration (continued)				
i. Administration of other physician-approved medications			C*	P
ii. Maintain an infusion of blood or blood products				P
EMT E EMT-I I AEMT A CT C PMDC P				
Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020				
Page 8 of 11				

48

Page 7 – Inhaled Meds & Narcan

3. Advanced pharmacological skills: Medication/Fluids Administration (continued)						
h. Administration of inhaled (nebulized) beta agonist/bronchodilator and anticholinergic agents for dyspnea and wheezing	E*	I*	A	C	P	Inhaled (nebulized) means atomization of the medication through an oxygen/air delivery device with a medication chamber or using a metered-dose inhaler. EMTs and EMT-Is may only administer pre-measured unit doses of nebulized medications.
i. Administration of a narcotic antagonist to a patient with a suspected narcotic overdose	E*	I*	A	C	P	EMTs and EMT-Is may only administer narcotic antagonists via the intranasal route or via an auto-injector.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

49

Page 7 - Paralytics

i. Paralytic administration						<p>Administration of paralytics for DAI/RSI is NOT permitted unless an agency has obtained written approval from the Office of EMS and Trauma. Paramedics are only authorized to use non-depolarizing paralytics to maintain the paralysis of already intubated patients during interfacility transports, if approved by the local EMS Medical Director.</p>
-----------------------------	--	--	--	--	--	---

GEORGIA DEPARTMENT OF PUBLIC HEALTH

50

Page 7 – Sedative/Hypnotics

<p>m. Sedative/Hypnotic agents</p>					P*	<p>Administration of sedative/hypnotic agents for the purpose of intubating a patient is generally not recommended, and should be utilized only by EMS systems that, in the judgment of the local EMS medical director(s), have a specific need for the procedure and possess adequate resources to develop and maintain a prehospital drug-assisted intubation (DAI) protocol. EMS providers performing DAI should possess training, knowledge, and experience in the techniques and in the use of pharmacologic agents used to perform DAI. (adapted from the NAEMSP position statement on DAI)</p>
------------------------------------	--	--	--	--	----	---

GEORGIA DEPARTMENT OF PUBLIC HEALTH

51

Page 8 – Pharmacological Skills

3. Advanced pharmacological skills: Medication/Fluids Administration (continued)						
<p>n. Administration of other physician approved medications</p>				C*	P*	<p>CTs are authorized to give only the following: anti-arrhythmics, vagolytic agents, chronotropic agents, alkalizing agents, analgesic agents and vasopressor agents. In addition to the medications with respective interpretive guidelines above, Paramedics are authorized to give any additional medication via enteral or parenteral routes, if approved by the local EMS Medical Director.</p>
<p>o. Maintain an infusion of blood or blood products</p>					P	<p>Paramedics may maintain a blood/blood product infusion started at the sending facility. This does NOT include the initiation of an additional unit of blood or blood product.</p>

GEORGIA DEPARTMENT OF PUBLIC HEALTH

52

Page 8 - Cardiac

2. Advanced cardiac skills					
a. Use mechanical CPR assist devices	E	I	A	C	P
b. ECG acquisition and transmission	E*	I*	A*	C	P
c. ECG monitoring and interpretation				C	P
d. Manual cardiac defibrillation				C*	P

Includes 12-lead ECGs. EMTs, EMT-Is, and AEMTs may only obtain and transmit a 12-lead ECG for suspected STEMI patients, if approved and trained by the local EMS Medical Director.

Includes 12-lead ECGs.

CTs may only defibrillate a pulseless and apneic or hemodynamically unstable patient. See O.C.G.A. § 31-11-55 (a)(2)(A).

GEORGIA DEPARTMENT OF PUBLIC HEALTH

53

Cardiac/Medical Skills						Levels	Interpretive Guidelines
3. Emergency childbirth management							
a. Assist in the normal delivery of a newborn	E	I	A	C	P		
b. Assist in the complicated delivery of a newborn	E	I	A	C	P		<i>This includes external fundal massage for post-partum bleeding but does not include internal fundal massage.</i>
4. Behavioral emergency skills							
a. Manual and mechanical patient restraints for behavioral emergencies	E	I	A	C	P		<i>Includes soft disposable and leather restraints, as approved by the local EMS Medical Director.</i>
b. Chemical restraints of combative patients					P		
Trauma Care Skills						Levels	Interpretive Guidelines
1. Managing injuries, including but not limited to:							
a. Manual cervical stabilization and cervical collar use	E	I	A	C	P		
b. Manual stabilization of orthopedic trauma	E	I	A	C	P		
c. Spinal Motion Restriction (SMR)	E	I	A	C	P		<i>Includes the use of long spine boards and seated SMR devices such as the KED®.</i>
d. Splinting	E	I	A	C	P		<i>Includes traction splint.</i>
e. MAST/PASG					P		<i>Not approved for use in Georgia.</i>
2. Managing other trauma injuries, including but not limited to:							
a. Fundamental bleeding control	E	I	A	C	P		<i>Includes the use of tourniquets, wound packing and hemostatic agents as approved by the local EMS Medical Director.</i>
b. Progressive bleeding control	E	I	A	C	P		
c. Fundamental eye irrigation	E	I	A	C	P		
d. Complex eye irrigation					P		<i>Hands-free irrigation using a sterile eye irrigation device.</i>
e. Fundamental management of soft tissue injuries	E	I	A	C	P		
f. Complex management of soft tissue injuries	E	I	A	C	P		
3. Movement/extrication of patients, including but not limited to:							
a. Emergency moves for endangered patients	E	I	A	C	P		
b. Rapid extrication of patients	E	I	A	C	P		
						EMT E EMT-I I AEMT A CT C PMDC P	

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 9 of 11

MENT OF PUBLIC HEALTH

54

Page 9 - Trauma

2. Managing other trauma injuries, including but not limited to:					
a. Fundamental bleeding control	E	I	A	C	P
b. Progressive bleeding control	E	I	A	C	P
c. Fundamental eye irrigation	E	I	A	C	P
d. Complex eye irrigation					P
e. Fundamental management of soft tissue injuries	E	I	A	C	P
f. Complex management of soft tissue injuries	E	I	A	C	P
3. Movement/extrication of patients, including but not limited to:					
a. Emergency moves for endangered patients	E	I	A	C	P
b. Rapid extrication of patients	E	I	A	C	P

GEORGIA DEPARTMENT OF PUBLIC HEALTH

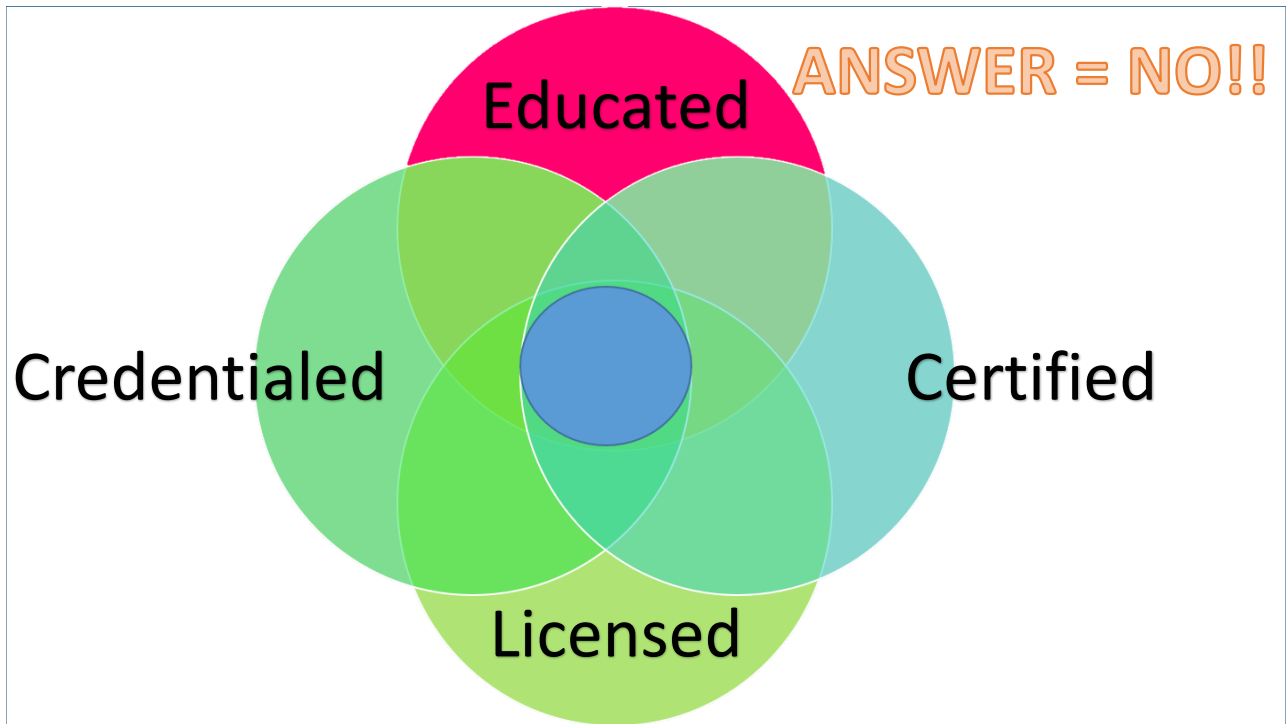
55

Quick Quiz...

Can an EMT spike an IV bag?

GEORGIA DEPARTMENT OF PUBLIC HEALTH

56

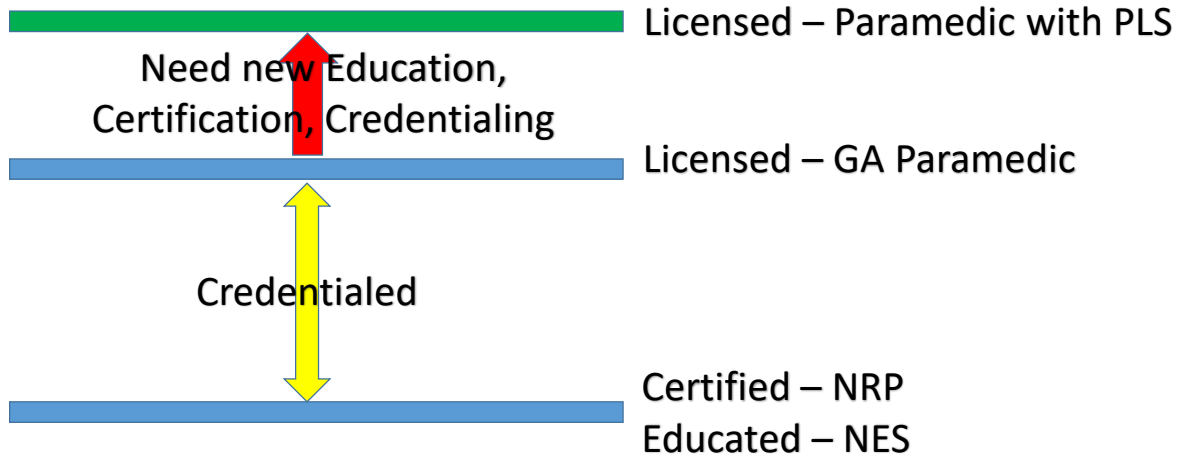


57

Additional Post-Licensure Skills for Paramedics

58

New Ceiling for Some Paramedics



GEORGIA DEPARTMENT OF PUBLIC HEALTH


59

Benefits

- Agencies **should** be able to charge more for trips where those paramedics with PLS use those skills in **appropriate** circumstances
- Provides a next step for those paramedics with more experience
- Allows agencies to recuperate some of the costs of

GEORGIA DEPARTMENT OF PUBLIC HEALTH

60



SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Additional Post-Licensure Skills for Paramedics

The following skills are those that are above and beyond the normal scope of practice for a Georgia licensed Paramedic as listed on the previous pages. Georgia licensed Paramedics are only permitted to perform any of the skills below if the following requirements are met for EACH specific skill for EACH EMS agency that the skill will be performed at. EMS agencies will only be approved to utilize post-licensure paramedic skills if all the requirements below are met.

Paramedics are permitted to perform only those additional post-licensure skills listed below at EMS agencies that have been approved to utilize those post-licensure skills for paramedics, and only once the paramedic has been: **trained** on those skills; **certified** as competent; **credentialed** to perform those skills by the agency's EMS Medical Director; and only while operating under standing, verbal or written **orders** from the agency's EMS Medical Director, transferring physician, or medical control physician. It is recommended that Paramedics being considered and approved for these post-licensure skills have at least 2 years of experience at the Paramedic or RN level.

EMS Agency Initial and Annual Requirements

Prior to initial approval and on an annual basis thereafter, EMS agencies must submit an application to the Department using the current License Management System, and must include:

- Protocols and any standing orders for the use of each post-licensure skill;
- Training curriculum for each post-licensure skill (training must be done at least annually, and in some cases more frequently); and
- Documentation of the level of local EMS Medical Director involvement and support.

EMS Agency Reporting Requirements

After initial approval, the EMS agency must utilize the Department's current License Management System to:


- Submit a roster of all Paramedics who have been trained, certified as competent, and credentialed by the local EMS Medical Director for each post-licensure skill (must be done prior to the paramedic being permitted to perform those skills).
- Notify and obtain approval from the Department regarding any changes to:
 - Protocols, standing orders, or training curriculum – this must be submitted **prior** to the use of the protocol, standing order or training; and
 - Involvement or support of the local EMS Medical Director, including the replacement of the local EMS Medical Director – this notification must be within 24 hours of the change.
- Notify the Department by email to the Regional EMS Director of any adverse events that occur as a result of the use of these post-licensure skills, no more than thirty (30) days after the adverse event has occurred.

Georgia Scope of Practice for EMS Personnel – Effective 1/1/2020

Page 10 of 11

MENT OF PUBLIC HEALTH

61



SCOPE OF PRACTICE FOR EMS PERSONNEL
GEORGIA OFFICE OF EMS AND TRAUMA
POLICY: SOP-2020 (effective 1/1/2020)

Post-Licensure Skill for Paramedics
1. Initiation and maintenance of Advanced Transport Ventilators (ATV) that are capable of more advanced modes (i.e., capable of adjusting more than rate and tidal volume).
2. Initiation of additional units of blood/blood products , includes initiating an additional blood/blood product infusion if supplied by the sending facility after all proper safety checks are completed by the sending facility and the ambulance has addressed appropriate storage and temperature maintenance during transport.
3. Maintenance of Intra-Aortic Balloon Pumps (IABPs)
4. Maintenance of Transvenous Cardiac Pacing (TVP) devices
5. Maintenance of external cardiac support devices , including percutaneous Left Ventricular Assist Devices (pLVAD), Extra Corporeal Membrane Oxygenation (ECMO) devices, etc.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

62

Limitations

- John Doe, a licensed Paramedic in Georgia is approved at EMS Agency A to perform Post-Licensure skills.
- He also works at EMS Agency B
- He is NOT able to perform those Post-Licensure Skills at EMS Agency B unless that agency has been approved for those skills, and he has been trained, certified and credentialed at EMS Agency B

63

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Timeline

- Released December 2019
- Effective January 1, 2020
- Agencies must come into compliance by June 30, 2020

64

GEORGIA DEPARTMENT OF PUBLIC HEALTH

How to apply for Post-Licensure Skills for Paramedics

- An instructions document and a link to a video with step-by-step instructions will be sent to EMS Agencies
- Process
 - Authorized Agent applies (will need to include clinical protocols for each skill), and curriculum needs to be submitted for review
 - Medical director will need to login and sign-off
 - OEMS will review and if appropriate, approve
 - Authorized Agent or EMS Agency Admin will then list personnel and medical director will need to login and sign-off

GEORGIA DEPARTMENT OF PUBLIC HEALTH

65

After initial approval

- **Submit a roster** of all Paramedics who have been trained, certified as competent, and credentialed by the local EMS Medical Director for each post-licensure skill (must be done prior to the paramedic being permitted to perform those skills).
 - **Notify and obtain approval** from the Department regarding any changes to:
 - Protocols, standing orders, or training curriculum – this must be submitted prior to the use of the protocol, standing order or training; and
 - Involvement or support of the local EMS Medical Director, including the replacement of the local EMS Medical Director – this notification must be within 24 hours of the change.
- **Notify the Department** by email to the Regional EMS Director of any adverse events that occur as a result of the use of these post-licensure skills, no more than thirty (30) days after the adverse event has occurred.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

66

More Information

- Go to www.mygemsis.org/lms
- Scroll to bottom of page (just above login)

2020 Georgia Scope of Practice for EMS Personnel

- To download the 2020 Georgia Scope of Practice for EMS Personnel, click on one of these links:
 - [Track Changes](#)
 - [No Track Changes](#)
- Webinars upcoming:
 - Monday, 12/23/2019 at 10 am - Click [HERE](#)
 - Friday, 12/27/2019 at 10 am - Click [HERE](#)
 - Monday, 12/30/2019 at 10 am - Click [HERE](#)
- **Agencies - how to apply for Post-Licensure Skills for Paramedics**
 - Instructions - click [HERE](#) for PDF, click [HERE](#) for recorded presentation

Questions?

