

Doctors of
Nursing Practice
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National
Conference

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THE DNP ROLE IN SCOPE OF PRACTICE EXPANSION FOR GEORGIA EMT & EMT-I IN EMERGENT TREATMENT OF ANAPHYLAXIS

Objectives

1. Identify two key factors needed for quality improvement.
2. Identify key steps in the process of developing a training module to teach others a new skill.
3. Recognize that collaboration is a key component of quality improvement.

Background

- Advanced Emergency Medical Technician (AEMT)
 - ✓ *Epinephrine via draw and inject method*
 - ✓ *Epinephrine via autoinjector*

- Emergency Medical Technician – Intermediate (EMT-I)
 - ✓ *Epinephrine only via autoinjector*

- Emergency Medical Technician
 - ✓ *Epinephrine only via autoinjector*

Problem

- 1:50²
- 1% Fatality⁵
- Delayed treatment⁵
- Worldwide shortages³
- Cost prohibitive¹
- Limited alternatives³

¹ Boundtree, n.d.

²Grissinger, 2017

³ Latimer, et. al., 2018

⁴ Pepper, et. al., 2017

⁵Turner, et. al., 2017

Solution

- Epi-kit¹
- King County, Washington³
- 20+ states²

¹ Boundtree, n.d

² EMS Protocols, n.d.

³ Latimer, et. al., 2018

Process

- Literature review
- Donabedian model
 - *Structure*
 - *Process*
 - *Outcome*
- Augusta University IRB

Process

- Development

- a) *Online Power Point training module*

- b) *Imbedded demonstration video*

- c) *Pre-test/Post-test*

- d) *Skills check off*

<https://www.youtube.com/watch?v=wv-p9aU3VUs&t=36s>

Results

State Level

- ✓ Appropriate, quality educational materials developed
- ✓ Approved skills evaluation
- ✓ Georgia legislation revision

Local Level

- ✓ Scope of practice expansion
- ✓ Increased patient access to life saving treatment
- ✓ Increased quality of care for the population

References

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