

## **Chad Lawton**

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**From:** Dolehanty, Glenda (DHHS-Contractor) <DolehantyG@michigan.gov>  
**Sent:** Monday, June 05, 2017 1:20 PM  
**To:** MDHHS-CE; Chad Lawton  
**Subject:** CE approval 5 12 17  
**Attachments:** Lawton 5 12 17.pdf

Michigan Dept. of Health & Human Services  
Division of EMS, Trauma and Preparedness  
EMS Section  
201 Townsend  
Lansing, Michigan 48913  
Email:  
MDHHS-CE@michigan.gov

\*Email is the preferred method of application\*

MDHHS USE ONLY

Received by Regional Coordinator: Date 5/12/17  
Returned for Correction(s):  
Corrections Received:  
Date of Final Review: 5/24/17

Regional Coordinator Signature *JDolehandy gd*  
CE Topic(s) Approval ☒ Yes ☐ No Region: 3

NOTIFICATION OF INTENT TO CONDUCT A CONTINUING EDUCATION TOPIC  
EMS CE PROGRAM SPONSOR

For use by an **EMS CE Program Sponsor** that is applying for CE **not** as part of an initial education program

This form with a legal signature must be received by the Department at least 30 days prior to the start of the first class.

Failure to complete and submit this form as prescribed may result in an automatic disapproval.

Your application and additional documentation will be reviewed and either returned for deficiencies or approved and a copy returned for your records. A copy will also be maintained on file with MDHHS.

EMS CE Program Sponsor must provide proof of attendance to each individual and maintain in records, a roster of those individuals who attended each CE session. The CE proof of attendance must have approved category name on the front.

For further information, refer to the Standardized EMS CE Credit Guide "Approval Guidelines for Continuing Education Programs"

EMS CE Program Sponsor		Approval #	
West Michigan Regional Medical Consortium		CE-16-6234	
Sponsor Representative	Phone #	E-mail:	
Chad Lawton	231-728-1621	clawton@wmrmc.org	
Street Address			
1675 Leahy St.			
City	State	Zip	County
Muskegon	MI	49442	Muskegon

EMS CE Instructor Coordinator:

Name	Phone #	E-mail:	
Mark Cleveland	517-366-9963	Cleveland.marka@gmail.com	
Street Address	IC Licensure Level	I/C#	
6125 Hubbard Rd	Paramedic	2189	
City	State	Zip	County
Muskegon	MI	49442	Muskegon

I affirm that all the information submitted in this notification is true and that all presentations will comply with MDHHS requirements and will occur as outlined in this document. I understand that any misrepresentation of the information provided as part of this notification may result in non-approval or revocation of existing approval, or further action by MDHHS.

Signature of EMS CE Instructor Coordinator *[Signature]* Date \_\_\_\_\_

Signature of EMS CE Sponsor Representative *[Signature]* Date \_\_\_\_\_

Along with this application, you must attach the following for each class:

- Lesson plan including program content and learning objectives
- Sample certificate of attendance (if different from original application)
- Name and qualifications of presenter (if different from original application)
- Evaluation tools to be used (if different from original application)

**Practical means:** supervised or critiqued hands-on practice or simulation achieving identified psychomotor objectives.

Category Code	EMS Provider Categories	Category Code	EMS Provider Categories	Category Code	Instructor/Coordinator Categories
1	Preparatory	5	Trauma	10	Instructional Techniques
2	Airway Management and Ventilation	6	Special Considerations	11	Educational Administration
3	Patient Assessment	7	Operations	12	Measurement & Evaluation
4	Medical				

### CONTINUING EDUCATION PROGRAM SCHEDULE

Line	Cat. Code	Specific Topic Title*	Course Format Lecture Practical (Hands-on or Skill)	Number Hours	MFR	EMT	EMT-S	P	IC
1	1	Epinephrine Administration	Lecture	2	2	2	2	2	0
2	5	Injury Assessment	Practical (Hands-on or Skill)	1	1	1	1	1	1
3	5	Bleeding Control	Lecture	1	1	1	1	1	1
4	4	OB Child Birth	Practical (Hands-on or Skill)	1	1	1	1	1	1
5	7	Patient Lifting and Moving	Lecture	1	1	1	1	1	1
6			Practical (Hands-on or Skill)	1	1	1	1	1	1
7			Lecture	1	1	1	1	1	1
8			Practical (Hands-on or Skill)	1	1	1	1	1	1



## Lesson Plan: Epinephrine Administration

<b>Topic:</b>	Epinephrine Administration
<b>Presenter:</b>	West Michigan Regional Medical Consortium CE Sponsor Program
<b>Location:</b>	West Michigan Regional Medical Consortium CE Sponsor Locations
<b>Credit Category:</b>	Preparatory
<b>License Level:</b>	MFR, EMT, SPEC, MEDIC
<b>Credits:</b>	3
<b>Format:</b>	2 hour lecture, 1 hour practical

**CE Description:** The purpose of this Continuing/Initial Education session is to educate participants of Epinephrine Auto-Injector and MABEES on how to draw up and administer Epinephrine from a vial. Indications for administration of intramuscular epinephrine will be detailed. The session will cover the administration of epinephrine by MFR and EMT's as allowed by the following protocols.

1. 1-4 Adult Anaphylaxis/Allergic Reaction
2. 3-2 Pediatric Anaphylaxis/Allergic Reaction

**Objectives:** At the conclusion of this CE session, the participants will be able to:

### Cognitive

1. Understand the intent and purpose of MABEES and Epinephrine Auto-Injectors
2. List the 6 rights to medication administration.
3. List and describe the indications for administering epinephrine IM Intramuscular.
4. Recall the adult and pediatric dosages of epinephrine when given IM and cite specific protocols
5. Discuss techniques to minimize risk of needle stick injury
6. Describe how the Epinephrine kits will be packaged
7. List the contraindications for administration of epinephrine.
8. List the side effects of Epinephrine.
9. Review and discuss the dosing card.
10. Describe how to document epinephrine indications or contraindications, effects and administration

### Psychomotor

1. Describe and demonstrate how to draw up epinephrine from a vial and administer IM injection using Epi-Kit
2. Perform on simulation, the steps in performing medication administration via auto injector or IM.
3. Perform a thorough assessment pre and post medication administration.

### Affective

None

## Lesson Plan: Epinephrine Administration

## Outline for Session

1. Introduction of topic\
2. Basics of Pharmacology review
  - A. Scope of Practice
  - B. Patient Assessment
  - C. Medical Direction
  - D. List and Describe the 6 R's of Medication administration
3. Epinephrine Review
  - A. Describe the effects of Epinephrine
    1. Vascular Effects
    2. Pulmonary Effects
    3. Pharmacokinetics
  - B. List and describe indications for the administration of IM Epinephrine
  - C. List and describe the contraindications for the administration of IM Epinephrine.
  - D. Describe possible associated cardiac complications
  - E. List and describe possible side effects side effects of IM Epinephrine administration
  - F. Recall and discuss adult and pediatric dosages of Epinephrine when given IM and cite relevant protocols.
    - a. 1-4 Adult Anaphylaxis/Allergic Reaction
    - b. 3-2 Pediatric Anaphylaxis/Allergic Reaction
4. Needle Stick Safety
  - A. Discuss techniques to minimize the risk of needle stick injury
  - B. Describe relevant Policy and procedures in the event of an exposure
5. Epinephrine Administration
  - A. Describe and demonstrate how to draw up epinephrine from a vial and administer IM injection using Epi-Kit
  - B. Describe and demonstrate how to administer epinephrine via Auto-Injector IM
6. Documentation
  - A. Describe how to document epinephrine indications, contraindications effects and administration.
7. Practical scenarios
  - A. Adult Anaphylaxis/Allergic Reaction MABEES Scenario
    1. Manage ABC's
    2. Perform thorough patient assessment
    3. Identify patients that require epinephrine IM
      - a. List and describe indications and contraindications.
    4. Administer Epinephrine using simulated epinephrine (normal saline) into a simulated patient or training prop.
    5. Reassess the patient for desired effect

**Post Scenario the instructor will identify all correct and incorrect actions taken by the students and provide strategies to eliminate incorrect actions.**

### Lesson Plan: Epinephrine Administration

**B. Pediatric Anaphylaxis/Allergic Reaction Scenario MABEES**

1. Manage ABC's
2. Perform thorough patient assessment
3. Identify patients that require epinephrine IM
  - a. List and describe indications and contraindications.
4. Administer Epinephrine using simulated epinephrine (normal saline) into a simulated patient or training prop.
5. Reassess the patient for desired effect

**Post Scenario the instructor will identify all correct and incorrect actions taken by the students and provide strategies to eliminate incorrect actions.**

**C. Adult Anaphylaxis/Allergic Reaction Auto Injector**

1. Manage ABC's
2. Perform thorough patient assessment
3. Identify patients that require epinephrine IM
  - a. List and describe indications and contraindications.
4. Administer Epinephrine using simulated epinephrine (normal saline) into a simulated patient or training prop.
5. Reassess the patient for desired effect

**Post Scenario the instructor will identify all correct and incorrect actions taken by the students and provide strategies to eliminate incorrect actions.**

**D. Pediatric Anaphylaxis/Allergic Reaction Auto Injector Scenario**

1. Manage ABC's
2. Perform thorough patient assessment
3. Identify patients that require epinephrine IM
  - a. List and describe indications and contraindications.
4. Administer Epinephrine using simulated epinephrine (normal saline) into a simulated patient or training prop.
5. Reassess the patient for desired effect

**Post Scenario the instructor will identify all correct and incorrect actions taken by the students and provide strategies to eliminate incorrect actions.**

**8. Summary and Questions**

**Student Evaluation Method:** Simple evaluation will be done through classroom discussion and participation.

**Evaluation of Presentation:** Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

**Rationale for Presentation:** Every licensed MFR unit in Muskegon County has the ability to carry pediatric and adult epinephrine auto-injectors. The Michigan Department of Health and Human Services (MDHHS) has approved a special study that allows participants to draw up and administer epinephrine via intramuscular injection in place of an epinephrine auto-injector. This EMS CE is necessary to assure that the study participants understand how to properly draw up and administer epinephrine via intramuscular injection, when indicated.



Lesson Plan: Injury Assessment

**Topic:** Injury Assessment

**Presenter:** West Michigan Regional Medical Consortium CE Sponsor Program

**Location:** West Michigan Regional Medical Consortium CE Sponsor Locations

**Credit Category:** Trauma

**License Level:** MFR, EMT, SPEC, MEDIC

**Credits:** 1

**Format:** 1-hour-lecture

**Objectives:** At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Describe traumatic injury.
2. Discuss and identify the appropriate treatment for different traumatic injury.
3. Recognize the different signs and symptoms with traumatic injury.
4. Identify the steps required to perform an injury assessment during a trauma.

Psychomotor

None

Affective

1. Value the need to perform a thorough injury assessments.

**Outline:**

1. Introduction
2. Terms and Definitions
3. Review traumatic injury and steps of assessment
4. Summary
5. Q&A

**Student Evaluation Method:** No formal evaluation of participants will occur.

**Evaluation of Presentation:** Standard Program Evaluation form will be filled out by participants.



Lesson Plan: Bleeding Control

**Topic:** Bleeding Control

**Presenter:** West Michigan Regional Medical Consortium CE Sponsor Program

**Location:** West Michigan Regional Medical Consortium CE Sponsor Locations

**Credit Category:** Trauma

**License Level:** MFR, EMT, SPEC, MEDIC

**Credits:** 1

**Format:** 1-hour-practical

**Objectives:** At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Understand the value of proficient and prompt bleeding control in patients with and without blood thinning medications.

Psychomotor

1. Demonstrate how to appropriately care for a patient experiencing soft tissue injuries of the extremities.
2. Demonstrate how to appropriately care for a patient experiencing soft tissue injuries to the face.
3. Demonstrate how to appropriately care for a patient who has uncontrolled bleeding.
4. Perform an application of a tourniquet.

Affective

None

**Outline for Training:**

1. Introduction
2. Practical application with scenarios
3. Summary
4. Q&A

**Student Evaluation Method:** No formal evaluation of participants will occur.

**Evaluation of Presentation:** Standard Program Evaluation form will be filled out by participants.



Lesson Plan: OB-Childbirth

**Topic:** OB - Childbirth

**Presenter:** West Michigan Regional Medical Consortium CE Sponsor Program

**Location:** West Michigan Regional Medical Consortium CE Sponsor Locations

**Credit Category:** Medical

**License Level:** MFR, EMT, SPEC, MEDIC

**Credits:** 2

**Format:** 1-hour-lecture, 1-hour-practical

**Objectives:** At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Review and perform assessment of the OB patient.
2. Recognize impending delivery.
3. Understand the complications associated with birth.
4. Understand APGAR and its importance.

Psychomotor

1. Demonstrate delivery of full term newborn.
2. Perform appropriate assessment and management of the newborn and OB patients (including APGAR).
3. Perform neonatal resuscitation.

Affective

None

**Outline:**

1. Introduction
2. OB review
3. Assessment
4. Types of complications
5. Complete hands-on treatment
6. Summary

**Student Evaluation Method:** No formal evaluation of participants will occur.

**Evaluation of Presentation:** Standard Program Evaluation form will be filled out by participants.



**Lesson Plan: Patient Lifting and Moving**

**Topic:** Patient Lifting and Moving

**Presenter:** West Michigan Regional Medical Consortium CE Sponsor Program

**Location:** West Michigan Regional Medical Consortium CE Sponsor Locations

**Credit Category:** Preparatory

**License Level:** MFR, EMT, SPEC, MEDIC

**Credits:** 1

**Format:** 1-hour-practical

**Objectives:** At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Describe the different ways to lift and move patients.

Psychomotor

1. Demonstrate assessment of a patient who requires assistance with movement
2. Perform different lifting techniques for emergent and non-emergent situations
3. Demonstrate proper lifting technique during a single person operation
4. Perform a multiple person lift and move

Outline:

1. Introduction
2. Practical application
3. Summary
4. Q&A

**Student Evaluation Method:** No formal evaluation of participants will occur.

**Evaluation of Presentation:** Standard Program Evaluation form will be filled out by participants.