

H1N1 Vaccination Administration EMS Instructor Guide



Ohio Department of Public Safety, Division of EMS

Program Audience:

- Ohio EMS providers and any healthcare worker who may interact with Ohio EMS providers during the H1N1 vaccination campaign following a gubernatorial declaration of emergency that affects the public's health

Target Audience:

- Ohio EMT-Paramedics and EMT-Intermediates as recommended by the EMS Board due to their prior training in the administration of intramuscular medications within the Ohio EMS scope of practice
- Note: Following a declaration of emergency by the governor that affects the public health, Ohio EMS providers must complete appropriate training and be under physician medical direction to be eligible to administer immunizations

Preparation:

- Must involve local health department (LHDs) in operational plans and training
- H1N1 vaccination protocols must be developed and provided by LHDs
- LHDs may involve physicians with expertise in various medical subspecialties, local EMS medical directors, or Regional Physicians Advisory Boards (RPABs) during protocol development
- **Recommended Skills Evaluators** include:
 - LHD personnel
 - Physician medical director providing H1N1 medical oversight
 - Persons approved by LHDs
 - EMS medical directors

Handout materials:

- Abridged Appendix D of the *Epidemiology and Prevention of Vaccine-Preventable Diseases, The Pink Book: Course Textbook*, 11th Edition (May 2009)
- Centers for Disease Control and Prevention (CDC) Skills Checklist for Immunization
- If available, include the LHD protocol for H1N1 vaccination administration by EMS personnel

Suggested Class Schedule:

- **Ohio Department of Public Safety, Division of EMS H1N1 Vaccinations by Ohio EMS Personnel PowerPoint Presentation (approximately 60 minutes)**
 - PowerPoint Presentation Major Topic Areas:
 - Significance of current H1N1 influenza pandemic
 - Impact of the Ohio Administrative Code 4765-6-03 upon Ohio EMS providers
 - EMS issues and potential involvement in H1N1 vaccination campaigns
 - Liability issues for vaccination administration by EMS
 - Administration of vaccines
 - Priority populations for H1N1 influenza immunization
 - Preventative measures and infection control
 - Patient counseling and preparation
 - H1N1 vaccine administration and routes
 - H1N1 vaccine adverse effects
 - H1N1 vaccine contraindications and precautions
 - Anaphylactic shock
 - Vaccine documentation

- **Break**

- **Skills Sessions (approximately 60 minutes dependent upon student/evaluator ratio and class size)**
 - Demonstrate the competencies (first column) on the CDC Skills Checklist for Immunization
 - Use the medical protocols and records procedures provided by the LHD as much as possible
 - Divide students into small groups
 - Have each team check themselves in the “Self-Assessment” columns on the vaccination process on the 2-page CDC Skills Checklist for Immunization
 - Use available training aids to practice immunization techniques. For intramuscular injections, these training aids may include human patient simulators, oranges, pillows, hot dogs, etc.
 - After the small groups have reached the “meets or exceeds” level to their own satisfaction, rotate each student them through a Skills Evaluator who provides the final “supervisor review”
 - Retain the Skills Checklist for documentation of completion of appropriate training and for the LHD and/or EMS agency records
 - Students should retain a copy of the Abridged Appendix D of the *Epidemiology and Prevention of Vaccine-Preventable Diseases, The Pink Book: Course Textbook* for later reference and personal records

Final Points:

- Ohio EMS providers may only administer the H1N1 vaccine after the governor declares an emergency that affects public health
- Ohio EMS providers may only administer the H1N1 vaccine under physician medical direction
- The EMS Board has recommended that Ohio EMS providers administer H1N1 vaccinations under protocols provided by the local LHDs
- Although the recommended H1N1 vaccine doses for various age groups, contraindications, and screening processes are provided within the PowerPoint presentation, each LHD retains the primary authority to identify and determine these parameters within their protocols
- LHDs may wish to consult with physicians with expertise in various medical subspecialties, local EMS medical directors, or Regional Physicians Advisory Boards (RPABs) during protocol development to be used by EMS providers
- Administration of the first actual vaccination by an EMS provider to a patient is recommended to be performed in under the direct observation of LHD personnel or a healthcare worker who is experienced in the skill of vaccination.

This program qualifies for Ohio EMS continuing education hours when presented in compliance with OAC 4765-7-11, 4765-18-02, and 4765-19