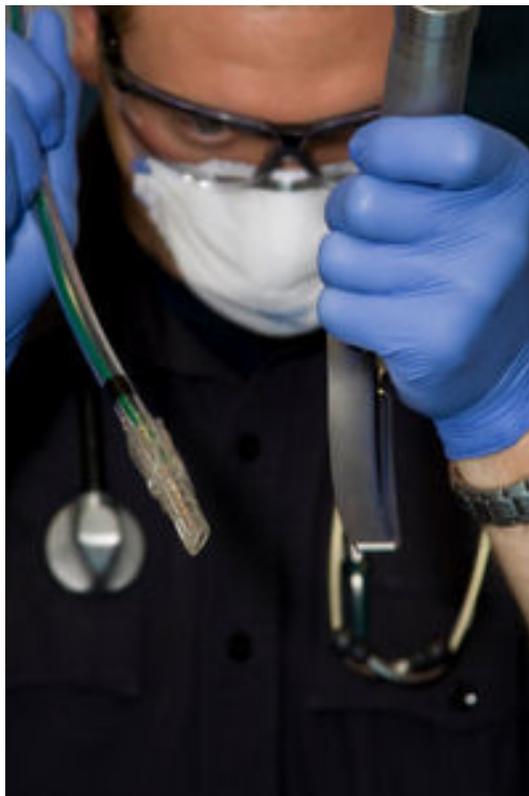


Mississippi Airway Transitional Block (Paramedic) 2012 – 2014



2012 Mississippi Paramedic Transitional Training Curriculum- Airway

Introduction

This material provides the statewide training framework for Paramedic Airway Transition Training. This subject matter is developed with content from current national and state approved paramedic educational curricula. **The scope of knowledge covered in the transitional refresher does not imply scope of practice in Mississippi. Each block/session will include information about cognitive and psychomotor objectives removed from the previous curriculum. Paramedics must adhere to state and local protocols.**

Organizational Guidelines

Airway transitional training requires a minimum of 8 clock hours of instruction provided by approved community colleges within the state. The transitional training consists of 6 separate training sections that are 8 clock hours each. Participants may take sessions independently of each other from any approved instructional site- with proof of successful training completion issued by the training location individually.

Training Materials

The community college offering transitional training may choose to require participant textbooks. Any required textbooks should be stated in sufficient time prior to the beginning of transitional section to allow participants to obtain mandatory textbook(s).

Evaluation

Airway transitional training sessions will require cognitive as well as pertinent related psychomotor skill completion. Participants are required to obtain a minimum of 75% as well as successfully completing all critical evaluation criteria on cognitive and psychomotor evaluations. Failure to successfully complete cognitive and/or psychomotor skills evaluation(s) will result in unsuccessful transitional session completion. Following remediation in area(s) of deficiency, the participant may attempt to complete evaluation(s) for a second time on that date. Two additional attempts at remediated material evaluations are allowed by participants- either on the same date as transitional training or return at a later date at the discretion of the transitional instructor. Failure to complete mandatory cognitive and/or psychomotor evaluation(s) by any course participant will result in failure to complete the medical transition training section, and will require the participant to attempt the airway transition training again at the time and/or location of choice.

Course Size Limitation

Current instructor/student participant ratio must adhere to the following standard:

Lecture/Cognitive Objective Instruction	1:35
Lab/Psychomotor Evaluations	1:10

Airway Transition Training Approval

The Mississippi State Department of Health, Bureau of Emergency Medical Services will approve prospective medical transitional training prior to the beginning of the session. To receive approval, the session sponsor must submit the following:

Course Request/Instructor Verification Form (30 days prior to training)

Copies of the Lead Instructor/Course Coordinator's Credentials

The Mississippi State Department of Health, Bureau of Emergency Medical Services will provide notification of approval for transitional training and an approval course number.

Training Documentation

The lead instructor is responsible for supplying to the Mississippi State Department of Health, Bureau of Emergency Medical Services the following document within two weeks of transitional session conclusion:

Final Course Roster

Lead instructors are also responsible for providing to course participants, and maintaining documentation for a minimum of five years following session conclusion, the following documents:

Handbook/Syllabi

Transitional Training Schedule(s)

Lesson Plans/Training Outlines

Cognitive and/or Psychomotor Evaluations

Remediation Documentation as necessary

Airway Transitional Training Learning Outcomes as Correlated to National EMS Educational Standards for Paramedic

1. Integrates comprehensive knowledge of anatomy, physiology, and pathophysiology into the care of a patient with airway or ventilation problems.
2. Integrates complex knowledge of anatomy, physiology, and pathophysiology into the patient assessment to develop and implement a treatment plan with the goal of establishing and maintaining a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
3. Demonstrates a comprehensive knowledge of psychomotor skills necessary in the management of patients requiring airway or ventilatory support with a focus on early intervention.

Cognitive Objectives

1. Integrates comprehensive knowledge of anatomy, physiology, and pathophysiology into the care of a patient with airway or ventilation problems including:
 - a. Upper airway anatomy
 - b. Lower airway anatomy
 - c. Physiology of respiration
2. Integrates complex knowledge of anatomy, physiology, and pathophysiology to develop and implement a treatment plan with the goal of establishing and maintaining a patent airway and adequate ventilation utilizing knowledge of the following techniques:
 - a. Basic airway management and ventilation with and without basic airway adjuncts
 - b. Suctioning of the upper and lower airways including stomas
 - c. Rapid Sequence Intubation
 - d. Supraglottic Airway
 - e. Percutaneous Cricothyrotomy

- f. Assistance with chest tube placement
 - g. Chest tube management
3. Integrates complex knowledge of anatomy, physiology, and pathophysiology in the understanding and interpretation of following techniques:
- a. Arterial Blood Gas Analysis
 - b. End Tidal CO₂ measurement
4. Integrates complex knowledge of anatomy, physiology, and pathophysiology in the understanding and utilization of following mechanical ventilation methods:
- a. Volume ventilator management
 - b. Pressure ventilator management
 - c. BiPAP/CPAP

Psychomotor Objectives

1. Demonstrates the ability to place a nasal pharyngeal airway.
2. Demonstrates the ability to place an oropharyngeal airway.
3. Demonstrates the ability to provide mask ventilation using a self-inflating bag valve mask.
4. Demonstrate the ability to place an orotracheal tube.
5. Integrates knowledge of rapid sequence intubation techniques into airway and ventilatory management including the placement of an endotracheal tube.
6. Demonstrates the ability to place supraglottic airways.
7. Demonstrate the ability to assist in the placement of a chest tube.
8. Integrate management of the chest tube and chest drainage system into the care of the patient with thoracic injuries or diseases.

Reference List

1. 2011 Mississippi Paramedic Curriculum
2. 2009 National EMS Education Standards Gap Analysis Template
3. 2009 National Emergency Medical Services Educational Standards: Paramedic Instructional Guidelines
4. Dalton A., *Advanced Medical Life Support*, 4th Edition
5. Bledsoe B., *Essentials of Paramedic Care* 2nd Edition Update