

## MC.010—Airway Management Procedures

### **Scientific Merit for Achievement:**

The cadaveric specimens provide an opportunity for learners to have hands-on practice and testing with human anatomy. The learners may receive training via three or more ways such as simulation, live animal and NAM. Each of these training modalities provides a different perspective to the overall procedure. Overall, the NAM portion of the training is pivotal for the completeness of the learning process.

### **Objective:**

To perform, teach, and/or perfect various airway management procedures that will translate to establishing a patent airway through which effective optimal ventilation with the fewest complications can take place and/or to provide an artificial airway to replicate a patient's natural airway as close as possible.

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### **Methodology to Achieve Objective:**

By utilizing simulation in conjunction with fresh-frozen cadaver specimens (if requested), the sponsor will perform, teach, and/or perfect various airway management procedures. The utmost care will be taken to make the most atraumatic intubation possible to preserve any future potential for research and education, and to maintain the aforementioned consistency with live patient care. These procedures include, but are not limited to, orotracheal intubation, nasotracheal intubation, flexible fiberoptic intubation, rigid fiberoptic intubation, retrograde intubation, glidescope assisted intubation, bougie assisted tracheal intubation, rapid sequence intubation, laryngeal mask airway ventilation, tracheal tube exchange, percutaneous cricothyrotomy, surgical cricothyrotomy, tracheotomy, percutaneous tracheotomy, and chest tube insertion (tube thoracostomy). During the practice or perfection of many of the aforementioned techniques the possibility to have available a difficult airway for the sponsor may be requested. The most effected method to simulate the requested airway condition will be determine by MERI and the sponsor during the individual courses planning process. These procedures are practiced in medicine to provide a patent airway, protect the airway from obstruction or aspiration, and facilitate positive pressure ventilation and airway control for diagnostic and therapeutic measures.

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### **Equipment, Supplies, and/or Instrumentation Potentially Required for Methodology:**

- Endotracheal Tubes of various sizes and manufactures as requested by the sponsor
- Laryngoscope – Model Specific to the needs of the course and sponsor
- AmbuBag – Adult and Pediatric
- Bronchoscope – Model Specific to the needs of the course and sponsor
- Glidescope – Model Specific to the needs of the course and sponsor
- LMA – Model Specific to the needs of the course and sponsor
- Tracheostomy Tube – Model Specific to the needs of the course and sponsor
- Suction Source
- General Surgical Instrumentation (MERI provided)

- PPEs (Gloves, Gowns, Masks with Shields, Caps, and Shoe Covers)
- Other specialty items specified by sponsor.

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**Qualified Learners/Participants:**

These individuals shall include board certified physicians, resident physicians, physician assistants, nurses, and other medical and non-medical learners/participants. Typically, the students are of the same specialties and of the same position in the medical/surgical field, field of study or the medical device industry.

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**Sponsors Approved in Utilization of Curriculum:**

- Category “A”-Sponsors shall mean medical device companies, professional societies, and federal, state or local government agencies.
- Category “B”-Independent board-certified physicians, healthcare professionals and others shall be subject to MERI’s Sponsor Application process.

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**Faculty Approved for Instruction of Curriculum:**

1) Client Sponsored Event:

Credentials review of Sponsor’s faculty and other teaching specialists is exempt from MERI’S Academic Review Board review. However, MERI expects that normally maintained faculty, teaching specialists, and Sponsor representatives are educated and trained in the content outlined in the curriculum and have other demonstrated competencies within the specific discipline or field of study to instruct learners so they maintain and improve the quality of medical care by enhancing professional skills. A fully executed “Sponsor Agreement” between MERI and outside organizations shall serve as assurance of faculty competency.

2) MERI Sponsored Event

a) None at this time.

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**Escorted by MERI Personnel or Non-Escorted:**

- Category “A”-Sponsors as listed in “Sponsor Approved for Utilization of Curriculum” are approved to utilize MERI services both escorted and non-escorted.
- Category “B”-Sponsors as listed in “Sponsors Approved for Utilization of Curriculum” are subject to utilization of escorted and/or non-escorted services through MERI’s “Sponsor Application” process.