

MC.011—Emergency Medical Services/Procedure Lab

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 provide a hands-on procedure lab in a safe learning environment that may enhance the understanding, skills and abilities of emergency services providers such as Air Medical Transports, EMTs, Paramedics, Firefighters, Military, and Emergency Room staff.

Methodology to Achieve Objective:

The procedure lab provides opportunity for healthcare participants to understand and practice hands-on various procedures utilizing cadaveric specimens (if requested) with alternative training materials and didactic information in a safe learning environment.

A typical lab may be formatted to take participants through a variety of stations covering medical procedures and techniques. Procedures may include, but are not limited to:

- Anatomy
- Airway Management (Bag valve, oral intubation, video laryngoscopy, cricothyrotomy, bougie, etc.)
- Ventilator Management
- Chest Tube Insertion and Drainage
- Needle Decompression and Placement
- Intraosseous Placement
- Central venous catheters, artery catheter placements or other controlled bleeding catheters, such as rebola
- Ports
- Escharotomy
- Ultrasound Guided Access
- Pericardiocentesis
- Wound Management and Trauma
- Arthrocentesis
- Open Thoracotomy
- Bladder Aspiration
- Transport
- Other specialty items specified or provided by sponsor

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

- General Surgical Instruments (i.e. pickups, scissors, retractors)
- Suction Source
- General Instrumentation (MERI provided)



- PPE (Gloves, Gowns, Masks with Shields, Caps, and Shoe Covers)
 - Sponsor Provided Materials
 - Other specialty items specified by sponsor
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Qualified Faculty and Students/Participants:

These individuals generally include, but are not limited to, pre-hospital providers (i.e. air transport, EMTs, Paramedics, technical rescue), military personnel, firefighters, board certified physicians, residents, other qualified, non-medical educators in the area of emergency medicine, anesthesiology, nursing, and first responders.

Typically, the students are of the same specialties and of the same position in the medical/surgical field, emergency rescue or the medical device industry as the faculty members.

Sponsors Approved in Utilization of Curriculum:

Sponsors may generally include, but are not limited to medical device companies, professional medical societies, universities, hospitals, other healthcare providers and/or education facilities, and federal, state or local government agencies.

Independent board-certified physicians, residents, physician assistants, nurses, EMTs and others will be subject to MERI's Sponsor Application process.

Faculty Approved for Instruction 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 events:
Credentials review of Sponsor's faculty and other teaching specialist 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 organization shall serve as assurance of faculty competency.
 - 2) MERI sponsored events:
 - a. None at this time
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Escorted by MERI Personnel or Non-Escorted:

- Category “A” – Sponsors as listed in “Sponsors 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.