

## MC.002—Orthopaedic Surgical 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 types of Orthopaedic procedures that will translate to live patient surgeries utilizing as minimal of an access of incisions as possible to still allow for the execution of proper techniques.

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

By utilizing fresh-frozen cadaver specimens, the sponsor will perform, teach, and/or perfect varying degrees and types of Orthopaedic surgery by following as closely as possible the methodology utilized in live patient surgery. The utmost care will be taken to make the most minimal incision possible to preserve any future potential for research and education, and to maintain the aforementioned consistency with live patient surgery. The procedures include, but are not limited to hip or knee replacement or revision, femoral or tibia trauma surgery, foot or ankle procedures, humeral shoulder trauma, forearm and/or wrist trauma, and arthroscopy procedures.

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

- General Surgical Instrumentation
  - Surgical Instrumentation and Implants Provided by Sponsor
  - Surgical power such as sag saw, drill and reamer
  - C-arm Fluoroscopic Unit with Technician if Requested
  - Lead Aprons and Thyroid Shields
  - Electrosurgical Unit (Bovie)
  - Suction Source
  - Positioning equipment such as peg boards
  - 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.

**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.