**SURGICAL SKILLS BUILDING THROUGH HIGH FIDELITY OPEN SURGERY SIMULATION**

**Complete Orthopaedic Curriculum**
Wide array of Knee, Spine and Trauma open-surgery procedures

**Powerful Haptics System**
Real life tactile feedback for psycho-motor skills acquisition

**Performance Metrics**
Real time feedback and performance metrics to accelerate one’s learning curve and provide an objective and measurable evaluation

**Unlimited Hands-on Experience**
Cost effective solution for infinite practice time in identified areas of development

**Embedded 3D Anatomy Viewer and Video-based Tutorial**
For a full pedagogical experience
Sim-Ortho™ - CURRICULUM

TOOL HANDLING

- Tutorial to the Sim-Ortho™ training simulator
- Learn basic orthopedic surgical instrument skills
- Introduction to common orthopedic surgical techniques

TRAUMA

- Learn the main steps of fracture reduction and fixation
- Introduction to key trauma approaches and techniques (plates & screws, fixation wires, external fixator, etc.)
- Understand the use of fluoroscopy in trauma applications

KNEE

- Learn the main steps of knee reconstructions
- Introduction to osteotomy techniques
- Key concepts of corrective measures (guides installation, knee alignment and balancing)

SPINE

- Learn the main steps of spinal surgery (wide array of deformities and trauma cases)
- Introduction to spinal surgery approaches and techniques (fusions and decompressions, posterior and anterior)

ACADEMIC PARTNERS

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