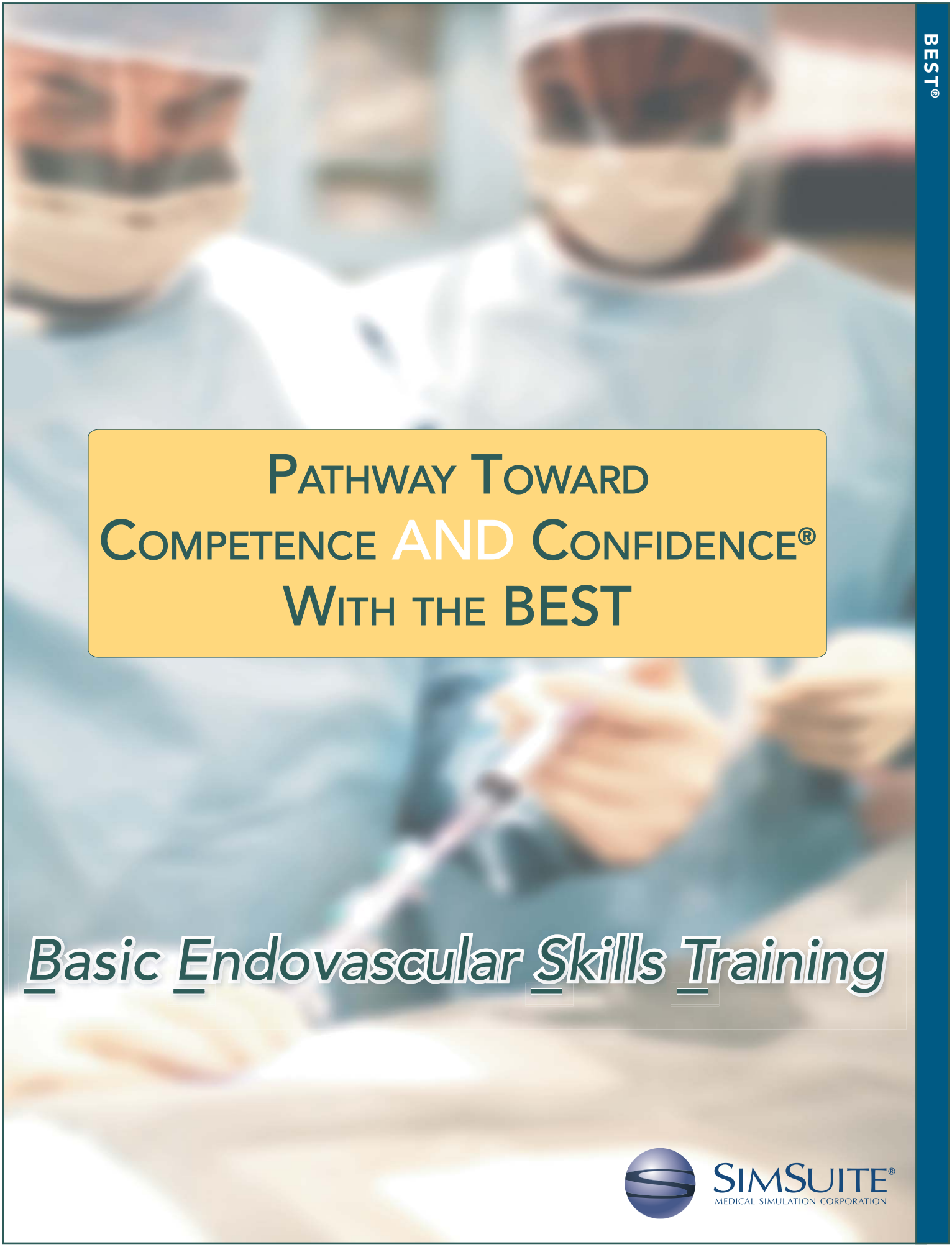

BEST®

Pathway Toward Competence AND Confidence® With the BEST

Basic Endovascular Skills Training

SimSuite®
MEDICAL SIMULATION CORPORATION

Basic Endovascular Skills Training

There is a growing need for an entry-level endovascular training program for a wide audience of healthcare professionals. The BEST Program may be the first step toward a Pathway to Practice® for experienced vascular or cardiac surgeons and their operating room staff who are evolving their careers to include endovascular procedures. BEST is an introduction not only to skills but to the environment of the endovascular suite. Designed to integrate didactic education, interactive workshops, and "hands-on" simulation training into a comprehensive and efficient learning experience, the BEST Program is highly focused and limited to small groups of experienced physicians. The intimate setting allows participants to receive personalized instruction based on their specific needs as well as maximum practice time on the SimSuite endovascular simulator. The SimSuite System is a unique training platform that incorporates a cognitive approach to the entire process of patient care. The surgeon will have an opportunity not only to practice basic catheter skills but also manage all aspects of the procedure including hemodynamics and pharmacology. The course provides a pathway to competence and confidence in performing endovascular procedures.

Overview

The BEST Program is a one-day course of didactic lecture and simulation led by a SimSuite Clinical Educator who covers topics such as:

- Endovascular lab set-up
- Basic angiography equipment
- Procedural imaging techniques
- Manifold operation
- Intra-procedure management of hemodynamics
- Intra-procedure pharmacology
- Management of intra-procedure complications
- Right and left heart catheterization
- Percutaneous Coronary Intervention (PCI)
- Renal and Iliac Angiography and Intervention
- Cerebral Angiography

Equipment demonstrations allow participants to feel the actual instruments and reinforce the teaching points within the simulated cases during procedures. Participants will leave with a solid understanding of how an endovascular lab operates in a variety of procedural areas and ample skills with endovascular simulation technology.

Program Objectives

- Establish the basic fundamentals for best practice
- Introduction to catheters, sheaths, wires, and other interventional equipment
- Cover basic catheter and wire skills with hands-on equipment training
- Practice basic peripheral and coronary procedures
  - Review imaging techniques and optimal working views
  - Perform catheter-based diagnostic and interventional simulated procedures as primary operator
- Discuss role of the manifold with hands-on workshop to reinforce learning
- Post-procedure access site management
- Review procedural complications (recognition and treatment)

Program Components

- Simulation training: cognitive and technical skills training
- Interactive workshops: hands-on equipment training in vascular models
- Didactic education: pre-course, Web-based training, and in-course didactic lecture

Program Highlights

- Dynamic program comprised of didactic education, simulation-based procedure training and hands-on workshops
- Attendance is limited to two attendees to maximize learning and interaction with the course instructor
- Up to six hours of simulation training time of catheter-based procedures
  - All cases authored by thought leaders and experts in various endovascular specialties
- Vascular bench model for hands-on practice with catheters and wires

For more information, contact HealthcareGroup@medsimulation.com.

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Experience Through Education®

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