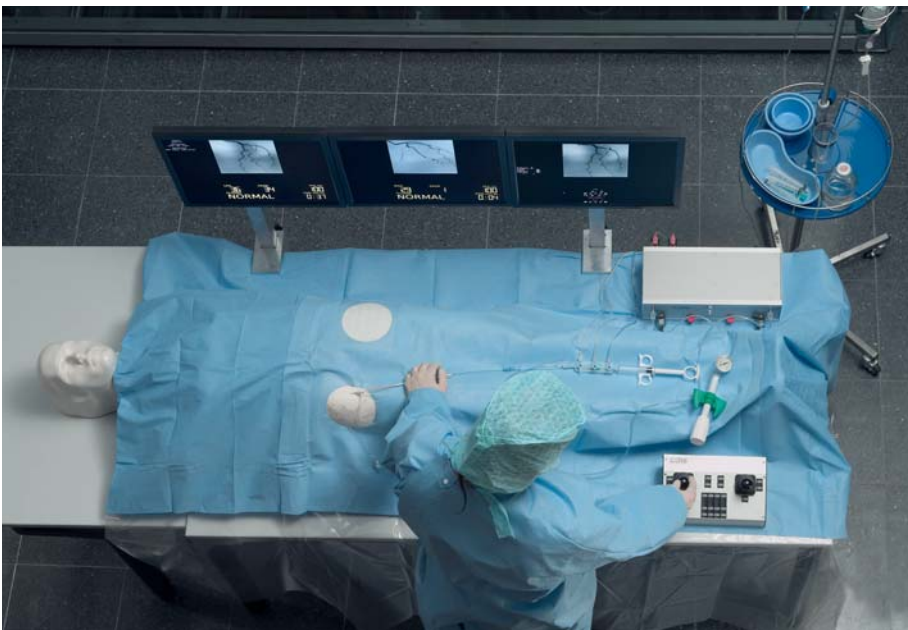


Learning With and From the Experts

Siemens offers intensive hands-on training for interventional cardiology using state-of-the-art simulation technologies



The 3-level CME accredited diagnostic and interventional cardiology course led by Prof. Wolfram Voelker and his team, offers attendees a unique opportunity to get extensive hands-on experience using cutting edge simulation technologies. The practical training course, initiated and organized by Siemens Healthcare is widely recognized as one of the most successful methods to learn and master new techniques for catheter-based procedures. Over the last three years, our simulation-based training has offered cardiologists the chance to enhance their skills in interventional cardi-

ac procedures from basic diagnostics to complex interventional procedures. In a simulated cath lab environment, participants can broaden knowledge in the techniques of coronary angiography and interventional techniques, including three-dimensional imaging to quantify and visualize coronary artery lesions with more accuracy. Besides the use of the imaging system and catheter advancing techniques, the learning objectives vary from the right selection and handling of catheter materials to complication management in the cath lab during an intervention. In small groups,

under the expert tuition of Prof. Voelker and his team, the trainees can directly feel and see, in real-time, the consequences of their handiwork with catheters, stents and balloons. The simulator also provides feedback on radiation dose during the simulated catheterization. Participants come from all over the world and have the opportunity to exchange experience on an international level in a relaxed and mistake-tolerant atmosphere.

"In the clinical routine, there is often not enough time for precise teaching in the cath lab. At the center in Forchheim, on the other hand, workshop participants can take their time working through all functions of the radiographic device and simulation models", says Dr. Wolfram Voelker from the University Clinic in Wuerzburg, Germany. His opinion is also reflected by the participants. For Dr. Hannes Lafenthaler from Austria the course was a great inspiration. He had also attended other Siemens hands-on workshops before and liked the balance between theory and hands-on training. "The intensive practical training on the simulators and the individual mentoring by experienced cardiologists in a real cath lab environment enabled me to greatly improve my skill set. After this instruction, I now pay special attention on how to keep the radiation exposure in the cath lab at a minimum," he



“At the training center in Forchheim, workshop participants can take their time working through all functions of the radiographic device and simulation models.”

Prof. Wolfram Voelker, MD, Wuerzburg, Germany, Course instructor

“My expectations of this course were more than fulfilled. We had a lot of opportunities to train on the various simulation systems, and being supported by an experienced cardiologist extraordinarily increased the learning curve.”

Sabine Bleiziffer, MD, Munich, Germany



explained. Also Dr. Sabine Bleiziffer’s expectations of the course were more than fulfilled and she appreciated the use of various simulation systems. “Especially the lesson about measurements for coronary arteries greatly increased my knowledge and will be productive in my daily routine. I also appreciated the limited group size and being supported by an experienced cardiologist which extraordinarily increased the learning curve.” Dr. Ibrahima Bara Diop from CHU Fann in Senegal confirmed: “I significantly improved my skill set in coronary angioplasty. The hands-on sessions

taught me effectively about catheters and guidewire selection and the necessary maneuvering of catheter through coronary vessels. To me it was very important to learn about radiation reduction in the cath lab. Less dose is not only beneficial for the patient, but also crucial for me as a physician.”

Further information
and registration:
axiom.educate.med@siemens.com

Available hands-on courses (English and in German)

- Level 1** Introduction in Diagnostic Coronary Angiography
- Level 2** Introduction in Interventional Cardiology
- Level 3** Complex cases in Interventional Cardiology