



JACOBS INSTITUTE TRAINING AND CLINICAL IMMERSION PROGRAMS

Onsite Programming

The Jacobs Institute (JI), a nonprofit medical device innovation center, offers training and clinical immersion programs across vascular specialties including:

- Neuroendovascular
- Interventional Cardiology & Structural Heart
- Electrophysiology
- Vascular Surgery
- Interventional Radiology
- Neurosurgery (including vascular surgery, spine, and functional neurosurgery)
- Cardiothoracic Surgery

The JI's training programs are tailored to different audiences including:

- Attending physicians, fellows, and residents
- Medical device industry including executives, R&D engineers, medical education, sales representatives, and more
- Medical device reviewers

Depending on the audience and their levels of experience, program objectives may include:

- New product training
- Better mastery of a particular disease state and/or treatment
- Introduction to a new vascular specialty area
- Understanding of the strengths and weaknesses of different treatments and devices
- Insights into physicians' decision-making processes when selecting a device
- Better understanding of how to be a better clinical partner with the physician and hospital
- Understanding what technologies are on the horizon
- Identifying unmet needs
- Team building

While no training program is the same, multi-day programs usually include a combination of:

- Didactic lectures by physicians and other clinical staff
- Tours of the clinical spaces (e.g., emergency department, cath labs, ICUs, rehab)
- Case observation in the operating rooms, catheterization labs, and from the JI's board room thanks to advanced audiovisual capabilities including two-way communication with the clinical staff
- Hands on experiences deploying devices in a variety of training environments such as endovascular simulators, patient-specific 3D printed anatomical models, pre-clinical models and/or cadavers in a fully functional lab
- Active learning activities including case studies and group projects

Programs may also include:

- Physician Q&A sessions
- Physician panels opining on a particular disease state and treatment(s)
- Advisory board components
- Sessions with hospital administration discussing the medical device value analysis and reimbursement processes

The JI's Training Lab provides a setting for advanced bioskills training for industry personnel, physicians, residents, and other clinical staff. As a New York State certified tissue lab, the JI training team can organize, coordinate, and execute single or multi station cadaveric labs utilizing the latest technologies.

Virtual Programming

- JI ShowCase is a dynamic audiovisual experience that provides remote viewers with a bird's-eye view of surgical cases accompanied by expert narration. Live and pre-recorded surgical cases can be viewed online from anywhere in the world—via computer, tablet, or smartphone with physician walking audiences through each step of the procedure.
- Viewers can communicate directly with surgeons in real-time during the case
- Virtual teams can watch and re-watch the recorded procedure without limitation

The JI also offers customized webinars, some with continuing medical education credit, during which key opinion leaders lecture on different topics, discuss state of the art technologies in their field, and provide insights into best practices around particular procedures.

The JI also creates custom edited videos for our clients, highlighting diseases and treatments produced with high-definition video and expert clinical narration.



FOR MORE INFORMATION, CONTACT:

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