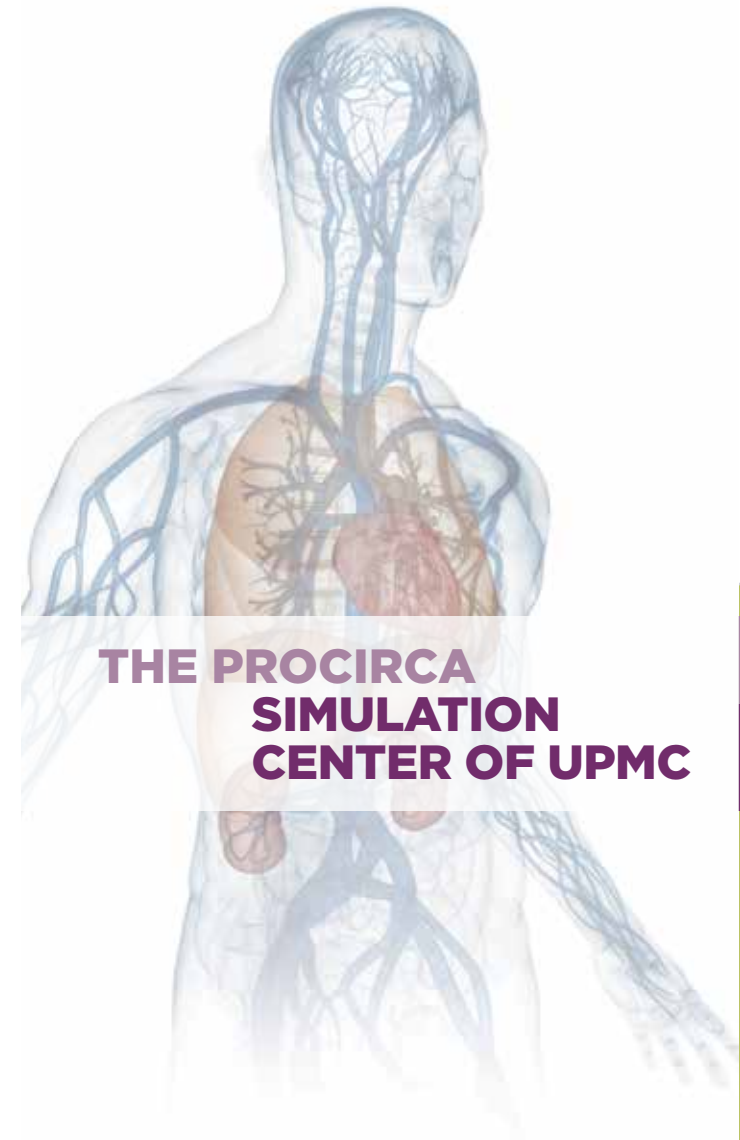


About Procirca

Procirca's 110 employees work in hospitals across the country operating machines that keep a patient's heart and lungs functioning during open-heart surgeries and assist in the implantation of devices that aid weak and damaged hearts. We developed a Simulation Center at UPMC Shadyside hospital aimed at evolving these practices and refining the relationships of various allied health professionals. Our faculty of ABCP perfusionists, led by renowned cardiac surgery physicians, has a collective 110 years of clinical experience.

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MEDICINE



THE PROCIRCA SIMULATION CENTER OF UPMC



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The Procirca Simulation Center of UPMC

Your open-heart team requires individualized educational experiences. Our simulation center can help enhance the overall effectiveness of your team.

The Procirca Simulation Center has modern cardiopulmonary bypass (CPB), extra-corporeal membrane oxygenation (ECMO) and ventricular assist devices (VAD) equipment available for use by individuals or teams. We can design any circuit based on your current system to personalize your simulation experience.

Perfusionists, physicians, health care providers and industry professionals can gain a more complete understanding of CPB, ECMO & VAD through demonstrations, hands-on learning exercises and high fidelity simulation supported by didactic training.

In our high fidelity setting, participants can quickly assimilate information without the risk of patient harm. Various clinical scenarios, both routine and crisis, and the opportunity for repetitive practice, will solidify skills, knowledge, and build confidence.



Our Mission

Our primary goal is to bring together healthcare professionals in a realistic and safe simulated environment, where skills, communication, teamwork and critical thinking are taught and practiced. We will ensure that your perfusionists or other health care providers are “experienced, capable and safe”. Procirca aspires to be a leader in managing and directing multi-disciplinary simulation training experiences aimed at improving patient safety. We strive to improve practitioner efficiency and competency, all validated by industry best practice models.

Our Goals

- Foster improved perfusion practices using high fidelity simulation
- Develop and practice routines that promote patient safety and best practices
- Promote cardiovascular education, assessment and research
- Facilitate multi-disciplinary and multi-specialty cardiovascular experiences
- Nurture an adult learning environment that is welcoming, safe and judgment free
- Provide an opportunity to maintain ABCP recertification with simulation case credits

Equipment offered

- Sorin SIII, S5 or Terumo System 1
- Sorin Centrifugal SCP with e-clamp & various safety devices
- Sorin SIII roller head pumps
- Quest Myocardial Protection System (MPS)
- Tallman Simulators
- Thoratec, CardioHelp & Medtronic ECMO devices
- Thoratec & Medtronic Ventricular Assist Devices
- 16 seat classroom with PowerPoint viewing

Opportunities offered

- Hands on CPB, VAD & ECMO training for physicians
- Hands on CPB, VAD & ECMO training for industry
- ELSO based ECMO seminars
- Didactic & clinical training for new and established ECMO centers
- ABCP verified perfusion case credit for perfusionists
- Multidisciplinary team building simulation exercises for your OR or ICU teams
- Risk management training for perfusionists & physicians
- Crisis management training for perfusionists & physicians
- Basic skill development & general simulation sessions for perfusionists
- Didactic & clinical training for perfusionists seeking initial ABCP certification
- Skill refreshers for perfusionists re-entering the workforce



Affiliations

- University of Pittsburgh Medical Center
- ABCP verified simulation center

Local accommodations

Courtyard by Marriott

Shadyside/Oakland
5308 Liberty Avenue
Pittsburgh, PA 15224
412-683-3113

Hilton Garden Inn Pittsburgh University Place

3454 Forbes Ave.
Pittsburgh, PA 15213
412-683-2040

Contact us

UPMC Procirca Simulation Center at Shadyside Hospital

Simulation Committee
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Pittsburgh, Pennsylvania 15232
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