

Global Education & Training: I HEAL

Re-Evolution: Cardiac Surgery

Leading Medicine: Re-Evolution: Cardiac Surgery– April 3 – 6, 2018

This Integrated Health Education And Leadership (I HEAL) annual program provides cardiovascular surgeons an opportunity to gain a general overview of the latest developments in treating a wide spectrum of cardiovascular diseases through clinical observership exposure to key areas within the Houston Methodist DeBakey Heart & Vascular Center. Learners will also gain access to the annual Houston Methodist Re-Evolution Summit which is one of DeBakey Heart Institute's largest conferences. The conference is designed to teach surgeons the latest techniques in minimally-invasive cardiac surgery. Cardiac surgery is undergoing a significant paradigm shift toward increasing minimal access surgery within all subspecialty areas of practice. These include interventions for cardiac valve repair, coronary revascularization, ablation of atrial fibrillation, aortic pathology and heart failure. This experience includes didactic lectures, case studies, and hands-on workshops in world renowned MITIESM. The hands-on exposure in all aspects of minimal access cardiac surgery will emphasize hybrid approaches.

What is MITIESM?

Methodist Institute for Technology, Innovation, & Education (MITIESM) is an innovative virtual hospital and hands-on clinical training facility for health care professionals seeking to maintain excellent procedural skills and acquire new proficiencies. MITIESM comprises over 35,000 square feet of space that allows state-of-the-art technology to be available at learners' fingertips.

Program Objectives:

Clinical Observership Objectives

- Develop an understanding of the Houston Methodist Structure and ICARE values while gaining familiarity with the Houston Methodist Hospital campus.
- Acquire insight into the various roles involved in team-based care across the care continuum for patients diagnosed with cardiovascular disease and related illnesses.
- Observe day-to-day clinical operations to acquire insight to be used as a basis to formulate related clinical questions.
- Gain exposure to the use of echocardiography and other cardiac imaging techniques to recognize, understand, and manage patients with congenital heart disease.
- Review processes in place for comprehensive education of patient and family regarding care.
- Participate with Grand Rounds, Journal Clubs, etc.

Houston Methodist Re-Evolution Summit Sample Educational Objectives

Upon completion of this course, the participant should be able to:

- Distinguish between open cardiac surgical techniques and minimal access cardiac surgical techniques.
- Apply some of the latest techniques for cardiac valve repair, coronary revascularization.
- Describe the most up-to-date evidence-based information of minimal access cardiac surgery with an emphasis on hybrid approaches.

Program Outline:

Learners will be assigned physicians and departments within the Houston Methodist DeBakey Heart & Vascular Center to rotate within spending a total of 2 days observing leading up to the Houston Methodist Re-Evolution Summit. The Global Education and Training team will evaluate the CV of participants top determine best observation assignment.

- **Day 1 :** Welcome Orientation and Tour of HMH Facility & Clinical Observation
- **Day 2:** Clinical Observation
- **Day 3 to 4:** Houston Methodist Re-Evolution Summit at the Houston Methodist Research Institute

Sample Symposium Topics

- Gaining an understanding of techniques such as CABG, MV Repair, AF ablation strategies, AVR, TAVR and TEVAR.
- Exploring the latest in minimal-access cardiac surgery with an emphasis on hybrid approaches.
- New training techniques for treating patients, improving outcomes, and maintaining a competitive advantage.
- Innovative interventions for cardiac valve repair, coronary revascularization, ablation of atrial fibrillation, aortic pathology and heart failure.

Program Cost:

Contact Global Education Office for pricing. International learners are responsible for airfare, hotel accommodations and transportation. Houston Methodist Global can provide guidance on accommodation options.

Houston Methodist Global Health Care Services (HMG)

HMG is committed to building health care capacity globally through transferring best practices. HMG offers educational programs designed for healthcare providers and professionals at every stage in their career, providing these individuals with the opportunity to learn using the most advanced technology and processes from HMH. With experienced faculty, established educational infrastructure, and training expertise, HMG has proven ability in coordinating, developing and delivering exceptional educational programs.

The above program is part of HMG's Revolving Education Development Series which is divided into two initiatives: the Innovative Leadership Experience And Development program (I LEAD) which targets clinicians and non-clinicians interested in enhancing their leaderships skills and advancing their institutions overall operations, and the Integrated Health Education And Leadership program (I HEAL) which targets clinicians only and allows learners to immerse themselves quickly in a specific health care topic of interest that aligns with our Centers of Excellence. Under the RED Series, programs do not exceed 5 days and are offered seasonally.

FOR QUESTIONS CONTACT US:

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