
Guest Editor Stephen H. Little Spearheads Special Issue on Structural Heart Interventions



Stephen H. Little, M.D.

The editors of the *Methodist DeBakey Cardiovascular Journal* extend their sincerest thanks to Stephen H. Little, M.D., for his guidance on this special issue dedicated to structural heart interventions. Dr. Little holds the John S. Dunn Chair in Clinical Cardiovascular Research and Education at the Houston Methodist DeBakey Heart & Vascular Center, where he serves as director of the Cardiovascular Disease Fellowship training program and medical director of the valve clinic. In addition, he is an

associate professor of clinical medicine at Weill Cornell Medical College and adjunct associate professor at Rice University's Department of Bioengineering.

After receiving his medical degree from McMaster University, Dr. Little completed postgraduate training in internal medicine and cardiology at the University of Western Ontario followed by echocardiography research fellowships at the University of Ottawa Heart Institute and at Baylor College of Medicine in Houston.

Dr. Little's most recent research activities and peer-reviewed publications have continued to focus on novel uses of

3-dimensional (3D) echocardiography for quantifying valve dysfunction as well as imaging guidance for percutaneous structural heart interventions. His team has created a robust in vitro flow system for multimodality functional valve imaging under tailored hemodynamic conditions. In collaboration with research scientists and mathematicians, Dr. Little's research group creates complex 3D printed heart valve constructs to address an increasingly important clinical need: improving the understanding of heart valve dysfunction by employing multimodality imaging to better characterize and quantify complex intracardiac flow conditions.

A prolific publisher, Dr. Little is a fellow of the Royal College of Physicians and Surgeons of Canada, the American College of Cardiology, and the American Society of Echocardiography. For the American Society of Echocardiography, he serves on the board of directors, is the co-chair of the guidelines and standard committee, and is chair of the new taskforce on structural heart disease. For the American College of Cardiology, he serves on the structural heart disease committee, is a member of the advance heart valve center writing group, and is coeditor of the Echocardiography Self-Assessment Program (Echo-SAP) study guide. He has given more than 100 invited lectures nationally and internationally and has published more than 100 peer-reviewed manuscripts.