

Dr. Miriam Shanks is an Associate Professor of Medicine at the University of Alberta and a cardiologist at the Mazankowski Alberta Heart Institute (MAHI). She graduated from the Medical School at the University of Pavol Jozef Safarik in Kosice, Slovakia. She completed her Internal Medicine Residency at the University of British Columbia and Cardiology Residency followed by Echocardiography Fellowship at the University of Alberta. She then completed a Research Fellowship at the Leiden University Medical Center (LUMC), The Netherlands under the supervision of Prof. Jeroen J. Bax, where she also defended her doctoral thesis (PhD). Her current research focuses on the use of advanced echocardiography techniques in the assessment of cardiac structure and function. Her main clinical interests include echocardiography, heart failure and valvular heart disease. She is the lead echocardiographer for the Transcatheter Aortic Valve Implantation Program and transcatheter mitral valve interventions. She is the Director of the AFC Echocardiography Fellowship Program. She also currently serves as the Chair of the MAHI Innovation Committee, Member of the Board of Directors for the Canadian Society of Echocardiography, and Member of the Editorial Board for the Canadian Journal of Cardiology.