



St. Paul's Hospital University of British Columbia

Fellowship in Interventional Cardiology

St. Paul's Hospital, situated in Vancouver, is the designated heart centre for the province of British Columbia. Cardiac subspecialty programs include cardiac surgery, electrophysiology, rehabilitation, adult congenital, heart failure, and transplantation. St. Paul's Hospital is also the site of the BC Cardiac Registry database for all diagnostic and interventional catheterization and cardiac surgical procedures in British Columbia. Currently approximately 1500 cardiac interventional and 2500 diagnostic procedures are performed annually. See www.sphcardiology.ca.

St. Paul's Hospital, being associated with the University of British Columbia, trains medical students, specialty residents and cardiology residents. Subspecialty fellows train in electrophysiology, heart failure, adult congenital, echocardiography and interventional cardiology. The fellowship in interventional cardiology is a combined clinical and research position. It is expected that at the completion of the training period that the fellow will be a competent, experienced general interventional cardiologist with experience in structural interventions and research.

Duration: 2 years, on occasion a 1-year appointment may be considered

Number of fellows: 2 to 4 fellows

Funding: internal funding may be available for a limited number of fellows. This varies from year to year. However the majority of our fellows come with their own salary support. Having external salary support improves the likelihood of acceptance.

Office: interventional fellows are provided an office with desks, telephone, computers, hospital network and internet access adjacent to the catheterization laboratories.

Clinical responsibilities: approximately one half time will be committed to clinical interventional cardiology. Fellows admit and follow interventional inpatients and participate in reasonable interventional call. It is expected that fellows will advance in a graded, supervised manner and will obtain considerable experience as a primary operator. Prior experience and some degree of facility in diagnostic catheterization is expected. Fellows can expect an exposure to a broad spectrum of diagnostic catheterization including right and left heart catheterization, transseptal catheterization, endomyocardial biopsy, pulmonary vasodilator challenge, and adult congenital investigations. Cath lab hemodynamic support options include intra-aortic balloon, Impella, and implantable assist devices. Cath lab imaging options include

IVUS, ICE, OCT, TTE, TEE. St Paul's participates in a city-wide direct infarct angioplasty program. St. Paul's is the regional referral centre for specialized interventional procedures including aortic, pulmonary and mitral valvuloplasty, septal ablation, intra-cardiac defect closure, left atrial appendage and paravalvular leak closure, specialized adult congenital interventions, complex transcatheter valve interventions and MitraClip. St. Paul's has an international reputation in transcatheter heart valve intervention with a large experience in established and experimental procedures and hosts the annual Transcatheter Valve Therapy meeting.

Academic responsibilities: fellows will devote up to one half of their activities to academic pursuits. Fellows are expected to participate in ongoing research projects, to initiate their own projects and to publish and present abstracts and journal manuscripts during their training. The interventional group has an active research infrastructure with a manager, several nurses and statistical support. Opportunities for fellowship rotation between the St. Paul's Hospital and Vancouver General Hospital interventional fellowship programs are encouraged to enhance clinical and academic exposure. Interventional cardiologists, while hospital based, have cross appointments at the two hospitals.

Catheterization lab attending staff:

Eve Aymong MD, interventional cardiologist

Robert Boone MD, interventional cardiologist

Ron Carere MD, interventional cardiologist

Anthony Fung MD, Vancouver General Hospital based

Brett Heilbron MD, invasive cardiologist

Jackie Saw MD, Vancouver General Hospital based

Mostafa Toma MD, invasive cardiologist

John Webb MD, Director cardiac catheterization and interventional cardiology

David Wood MD, Vancouver General Hospital based

Fellowship coordinator: John Webb MD. Fellowship candidates are welcome to visit Vancouver or meet with an interventionalists attending a major meeting such as AHA, ACC, CCS, TCT, TVT, PCR.

Contact: fellowship correspondence is handled by Lenka Miklosova in the Interventional Cardiology Research office: Interventional cardiology research, St. Paul's Hospital, 1081 Burrard Street, Vancouver, BC, Canada V6Z 1Y6

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