



Name of Hospital	<u>Hamilton Health Sciences</u>		
Name of University	<u>McMaster University</u>		
Echo Lab Director	<u>Dr. Omid Salehian</u>		
Address	<u>237 Barton Street East</u>		Street Address 1
	<u>Room 418 McMaster Building</u>		Street Address 2
	<u>Hamilton</u>	<u>Ontario</u>	<u>L8L2X2</u>
	City	Province	Postal Code
Telephone	<u>(905)527-2100</u>	<u>73822</u>	Ext
Email	<u>salehian@hhsc.ca</u>		

**Number of Fellowship
Training Positions per Year** 3-4

**Applicant Qualifications /
Prerequisites** 3 Years of Cardiology Training completed (Completion of Level II in Echocardiography)

Program Description McMaster University is offering advanced echocardiography fellowship training at the Hamilton Health Sciences to qualified and interested applicants. The echocardiography training is primarily based at Hamilton General Hospital, a tertiary care cardiac centre with the highest number of cardiac surgery procedures and cardiac catheterizations in the province of Ontario.

Echocardiography fellows will receive unparalleled training in echocardiography with the potential to perform 1500-1600 transesophageal echocardiograms (TEE) per year, not including intraoperative studies performed by cardiac anesthesia. We provide support for our strong structural heart disease program assisting in TTE and TEE-guided percutaneous aortic valve placement (TAVR), percutaneous mitral valve repair (Mitraclip), percutaneous LA appendage occlusion (Watchman), percutaneous PFO closure, and mitral valvuloplasty. Fellows will also receive substantial exposure to stress echocardiography including valvular stress echocardiography, diastolic stress echocardiography and stress echocardiography in pulmonary hypertension patients. Fellows will also receive high-level echocardiography training in adult congenital heart disease under two experts in adult congenital echocardiography. There will also be opportunities in intraoperative TEE in collaboration with the Cardiac Anesthesia services. Research for fellows is strongly encouraged with areas of strength including diastolic function, heart failure, perioperative medicine and clinical trials. The Population Health Research Institute (PHRI) at the David Braley Cardiac, Vascular and Stroke Research Institute (CVSRI), under the leadership of Dr. Salim Yusuf, offers unparalleled clinical research opportunities for interested fellows. A robust educational curriculum has been developed with weekly rounds (changing weekly between case-based rounds, Journal club, and Advanced Echo rounds) covering all topics in Echocardiography with combination of didactic sessions by faculty and case-based learning.