



<b>Name of Hospital</b>	<u>Québec Heart and Lung Institute</u>		
<b>Name of University</b>	<u>University of Laval</u>		
<b>Echo Lab Director</b>	<u>Dr. Mathieu Bernier</u>		
<b>Address</b>	<u>Laval 2725 ch co.-foy</u>		
			<b>Street Address 1</b>
			<b>Street Address 2</b>
	<u>Laval</u>	<u>Québec</u>	<u>G1V4G5</u>
	<b>City</b>	<b>Province</b>	<b>Postal Code</b>
<b>Telephone</b>	<u>(418)656-4767</u>		
		<b>Ext</b>	
<b>Email</b>	<u>mathieu.bernier@criucpq.ulaval.ca</u>		

**Number of Fellowship  
Training Positions per Year**

**Applicant Qualifications /  
Prerequisites**

Professional requirements: General cardiology training, the candidate will have reached a level 2 in echocardiography according to the standards of the Canadian Society of echocardiography prior to be enrolled in the fellowship

**Program Description**

Advanced Echocardiography training

Duration of the training course 6 months/1 year

Program Capacity: According to the availability of the laboratory taking into account the number of residents in Objectives : Obtaining a level 3 in echocardiography according to the standards of the Canadian company of echocardiography . Acquisition of competencies in stress echography, dynamic evaluation of valvulopathies, contrast echocardiography and emergent imageries techniques like 3D echography, strain and torsion as well as the CRT evaluation.

The candidate will be also exposed to the echocardiographic guidance of structural procedures (ASD and VSD closures of, percutaneous aortic valve, obliteration of periposthetic leaks and obliteration of LAA)

At the end of his training course the candidate will have contributed to the research effort by producing at least a scientific presentation leading to a publication in a paper with peer review.

Description of the environment :

8 echocardiographers  
12 sonographers  
8 IE33 from Philips,  
1 Vivid 9 of GE,  
1 portable device of Philips  
13000 transthoracic exams /year  
1500 treadmill stress echo  
1000 dobutamine stress echo  
1500 TEE exams/year

Conditions of the training courses : To envisage an application 12-18 month before the anticipated beginning of the training course