

Saturday, March 24 &  
Sunday, March 25, 2018

Centre for Simulation-Based Learning  
(CSBL-1G)

McMaster University, HSC-1G  
1200 Main Street West, Hamilton, ON L8S 3Z5

8:00am-5:00pm

## Learning Objectives

By attending this activity, through a variety of interactive and informative sessions, participants will be able to:

- Describe the utility and application of bedside point of care ultrasound
- Demonstrate the skills of image acquisition in basic bedside ultrasound for lung and pleura, echocardiography, vascular access, abdominal free fluid, aorta and deep venous thrombosis, through hands-on instruction and practice
- Diagnose conditions commonly identified at the bedside using point of care ultrasound, through clinical case review
- Obtain real-time ultrasound-guided vascular access for central vessels (internal jugular vein, subclavian vein and femoral veins), peripheral veins, radial artery and femoral artery



## Target Audience

Staff Physicians, Residents, and Medical Students who use or plan to use point of care ultrasound in clinical practice.

[www.pointofcareultrasound.ca](http://www.pointofcareultrasound.ca)

## For Activity Information:

**NATALIE PARK**, CHSE Coordinator  
McMaster University, Continuing Health Sciences Education  
1280 Main St. W., DBHSC, Rm 5004, Hamilton, ON L8S 4K1

P: 905-525-9140 x 20763

E: [parkna@mcmaster.ca](mailto:parkna@mcmaster.ca)

## For Registration Information:

P: 905-525-9140 x 22671

F: 905-572-7099

E: [cmereg@mcmaster.ca](mailto:cmereg@mcmaster.ca)

[www.fhs.mcmaster.ca/conted](http://www.fhs.mcmaster.ca/conted)

## Components

This program has two components:

1. Pre-Learning Material – Online lectures to complete independently prior to attendance at the in-person program
2. In-person Program – A two-day, hands-on skill development course



DOWNLOAD the CHSE MOBILE APP and receive push notifications about the program!



[facebook.com/mcmaster.conted](https://facebook.com/mcmaster.conted)



[twitter.com/mcmasterchse](https://twitter.com/mcmasterchse)



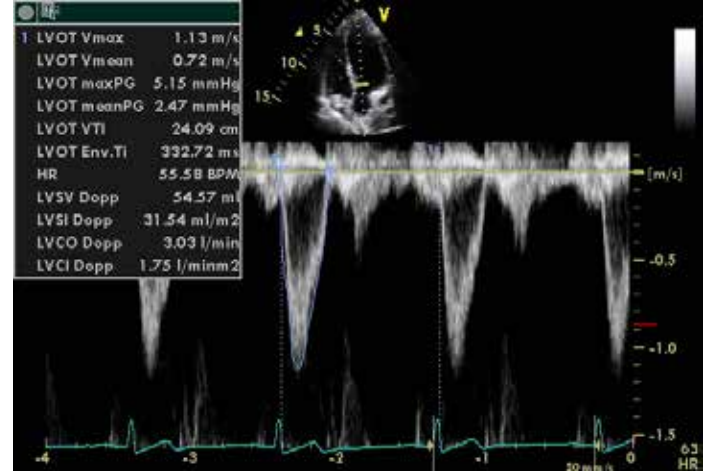
[ca.linkedin.com/in/mcmasterchse](https://ca.linkedin.com/in/mcmasterchse)

## AGENDA TOPICS

- A) Focused Echocardiography (Anatomy, Image Acquisition, and Diagnostics)
- B) IVC Assessment and clinical applications
- C) Lung and Pleural Ultrasound (Anatomy, Image Acquisition, and Diagnostics)
- D) Ultrasound-Guided Vascular Access (central lines, peripheral lines and arterial lines)
- E) Identification of Abdominal Free Fluid
- F) Abdominal Aorta Ultrasound
- G) Deep Venous Thrombosis Ultrasound
- H) Ultrasound Assisted Procedures

## DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

In keeping with accreditation guidelines, McMaster University; Continuing Health Sciences Education requires all speakers and planning committee members participating in this event to disclose any involvement with industry or other organizations that may potentially influence the presentation of the educational materials or program being offered. Disclosure must be done verbally and using a slide prior to the speaker's presentation.



## ACTIVITY PACKAGES

As the registrant your activity package includes breakfast, nutritional breaks, and lunch. Your activity lanyard must be worn at all times throughout the weekend. If you have a guest accompanying you to the activity, their meals are at their own cost and will be billed directly.

## DIRECTIONS

Directions to the Centre for Simulation-Based Learning (CSBL-1G)

McMaster University, HSC-1G  
1200 Main Street West, Hamilton, ON L8S 3Z5  
can be found by visiting:

<http://www.mcmaster.ca/welcome/directions.cfm>

## PHOTOGRAPHY

Candid photos will be taken at the activity. Your registration implies your permission for these photos to be used for promotional material. Individuals in photographs will not be identified.

## CHILDREN ARE NOT PERMITTED

in the activity setting as it distracts from the learners.

## STUDY CREDITS

McMaster University Continuing Health Sciences Education Program (CHSE) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide RCFPC Mainpro and RCPSC Maintenance of Certification (MOC) study credits for Continuing Medical Education.

This Group Learning program meets the certification criteria of **The College of Family Physicians of Canada** and has been certified by McMaster University, Continuing Health Sciences Education Program for up to **16** Mainpro+ credits.

This activity is an Accredited Simulation Activity (Section 3) as defined by the **Maintenance of Certification Program of The Royal College of Physicians & Surgeons of Canada**, and approved by McMaster University, Continuing Health Sciences Education Program on 09/21/2017. Remember to visit MAINPORT to record your learning and outcomes. You may claim a maximum of **16** hours (credits are automatically calculated).

Each healthcare provider should claim only those hours of credit that he/she actually spent in the educational activity.

This course is not a certificate course. It is an opportunity to learn and practice point of care ultrasound. Certification and privileges are determined by your local regulatory bodies and credentialing systems.

## CO-CHAIRS

### **Craig Ainsworth, MD, BSc, FRCPC, FACC**

Cardiology, Critical Care and Echocardiography  
Assistant Professor of Medicine  
McMaster University  
Director, Cardiac Care Unit, Hamilton General Hospital  
Site Lead, Critical Care Response Team, Hamilton General Hospital, Hamilton, Ontario  
Developer of Echocardiography Curriculum

### **Khalid Azzam, MBBS, FACP, FRCPC, CPE**

Associate Professor of Medicine,  
Division of General Internal Medicine  
Assistant Dean, Continuing Health Science  
Education Program  
McMaster University

### **Rohin Malhotra, MD, AB, FRCPC**

Diagnostic Radiology, Critical Care and Internal Medicine  
Oakville Trafalgar Memorial Hospital  
Oakville, Ontario  
Developer of the Body Ultrasound Curriculum

## PLANNING COMMITTEE

### **Andrew Gibson, MD, BSc, FRCPC**

Critical Care and Internal Medicine  
Clinical Scholar, Department of Medicine  
McMaster University, Hamilton, ON  
Developer of the vascular access curriculum

### **Paul MacDougall, MD, CCFP(EM), FCFP**

Emergency Medicine, Hamilton Health Sciences  
Assistant Clinical Professor, Department of Family Medicine  
Division of Emergency Medicine  
CEUS Master Instructor

### **Angela Silla**

Acting CHSE Program Manager  
Continuing Health Sciences Education  
McMaster University, Hamilton, ON

### **Natalie Park**

CHSE Coordinator  
Continuing Health Sciences Education  
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