

# **Pediatric Simulation And Team Building Workshop**

23—24 November 2007

Final Program



at the Center of Excellence in  
Surgical Education and Innovation  
Vancouver General Hospital

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*in partnership with*

The Provincial CME Program and the  
Division of Emergency Medicine  
BC Children's Hospital

# INTRODUCTION

## WORKSHOP SUMMARY

Child Health BC, in partnership with the Provincial CME Program and the Division of Emergency Medicine at BC Children's Hospital, is introducing this consultation workshop on Pediatric Simulation. Each Health Authority is invited to select a team of three people (including a physician, a nurse, and a respiratory therapist) to attend this workshop. Enrollment for this workshop is limited to fifteen.

## PEDIATRIC SIMULATION PROGRAM

Recent changes in the culture of medical education have highlighted the deficiencies in the traditional apprenticeship model of education, and emphasized the need for more experiential modalities of learning. Simulations, which are scenarios or environments designed to closely approximate real-world situations, have recently found their way into the medical training of healthcare providers. High-fidelity simulators are life-like mannequins connected to computer systems which control the physiological and physical responses of the mannequin. These simulators are able to provide direct feedback to learners in safe, risk-free environments. This technology is used to teach all aspects of medical care (including medical knowledge, technical skills, and behavioural training or communication skills). Several tertiary care pediatric hospitals in Canada already use simulation to teach healthcare providers. The Division of Pediatric Emergency Medicine at BC Children's Hospital have partnered with the Center for Excellence in Surgical Education and Innovation (CESEI) to set up a state of the art Pediatric Simulation Program. This program will serve as the focal point for trainee and staff education, as well as CME activities pertaining to teamwork, resuscitation and risk reduction in the future.



## LEARNING OBJECTIVES

1. Understand the importance of the rapid cardiopulmonary assessment in treating children who present in critical condition;
2. Demonstrate the ability to manage common pediatric respiratory conditions presenting in respiratory distress;
3. Demonstrate the ability to manage shock of various causes in the pediatric patient;
4. Demonstrate the ability to manage pediatric arrhythmias with the most up to date PALS algorithms;
5. Demonstrate the method of rapid sequence intubation in the context of pediatric resuscitation;
6. Recognize the key elements of teamwork and crisis resource management in the context of pediatric resuscitation;
7. Recognize the role of simulation in the continuing interprofessional education of healthcare providers.

## PRELIMINARY AGENDA

**DAY 1: Friday, November 23, 2007—The Centre of Surgical Excellence—Third Floor of Jim Pat-tison Pavilion North, Vancouver General Hospital (899 West 12th Avenue)**

8:00 am—8:30 am	Welcome and Introductions	
8:30—9:00 am	Lecture: Crisis Resource Management	
9:00—9:30 am	Orientation to the Simulator	
9:30—12:00 pm	<b>SIMULATION: SHOCK MODULE</b>	Septic Shock—Debriefing
		BREAK
		Anaphylactic Shock—Debriefing
		Cardiogenic Shock—Debriefing
12:00—13:00 pm	<b>LUNCH BREAK</b>	
13:00—13:30 pm	Discussion and Question Period	
13:30—14:15 pm	<b>SIMULATION: RESPIRATORY MODULE</b>	Status Asthmaticus—Debriefing
14:15—15:00 pm		Aspiration Pneumonia—Debriefing
15:00—15:15 pm		BREAK
15:15—16:00 pm		Chest Crisis—Debriefing
16:00—16:30 pm	Evaluation and Wrap Up	

**DAY 2: Saturday, November 24, 2007—The Centre of Surgical Excellence**

8:00—8:30 am	Discussion and Question Period	
8:30—11:00 am	<b>SIMULATION: CARDIAC MODULE</b>	SVT Debriefing
		PEA/Asystole - Debriefing
		BREAK
		Vtach / Vfib—Debriefing
11:00—13:00 pm	Discussion & Lunch	

# WORKSHOP DETAILS

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### Friday November 23rd

The workshop will begin at 8:00 am at the Centre of Excellence for Surgical Education and Innovation (CESEI) located at Room 2602 at the Vancouver General Hospital, Third Floor of Jim Pattison Pavillion North, Vancouver General Hospital. Coffee and light refreshments will be available. Friday's workshop will end at 16:30 pm and participants are free to make their own evening arrangements.

### Saturday November 23rd

The workshop will begin on Saturday at 8:00 am at the Centre of Excellence, and it will end at 1:00 pm.

### CESEI

The Centre of Excellence for Surgical Education and Innovation, Department of Surgery, University of British Columbia, Vancouver General Hospital. Phone: (604) 875-4499  
Website: <http://www.cesei.org/>

### Parking and Directional Information for Participants:

The Centre of Excellence for Surgical Education and Innovation (CESEI) is located at Vancouver General Hospital, Third Floor of Jim Pattison Pavilion North, Vancouver General Hospital. The hospital is located at 899 West 12th Avenue (one block east of Oak Street).

Parking is available across the street from the hospital's main entrance in the VGH Parkade located on West 12th Avenue (corner of West 12th Avenue and Laurel Street). Use the main entrance door, 899 West 12th Avenue, walk past the Information Desk on the first floor heading towards elevators (2, 3 or 4). Take this elevator to the third floor. The Centre of Excellence is located around the corner in Room 3602. Parking is also available behind the Ramada Inn (on the corner of Laurel Street and West Broadway). Enter the Jim Pattison Pavilion North through 950 West 10th Avenue (just west of VGH Emergency Entrance), take elevator (1 or 5) to the third floor. Turn right out of the elevator, down the hallway, turn right, down the hall and turn right again.

## CHILD HEALTH BC

### Building Capacity For Infant, Child and Youth Health Services

Child Health BC is a network of the province's five geographic health authorities, the Provincial Health Services Authority, Ministry of Health, MCFD, health professionals and care facilities dedicated to excellence in the care of infants, children and youth in British Columbia. A collaborative approach to child health ensures a quality of care beyond what any one agency can provide alone.

Child Health BC is working to ensure children receive the right service at the right time, in the right place, by the right provider.

Through cooperative partnerships; regional subspecialty programs; education and dissemination; research; monitoring quality and performance; and developing standards, protocols and guidelines, Child Health BC is creating an integrated, standardized and accessible system of care available to all children in British Columbia.

## TRAVEL AND ACCOMODATION

For participants traveling from outside the lower mainland, accommodation has been reserved at the Granville Island Hotel. The Granville Island Hotel is located in the middle of Vancouver's False Creek, within easy walking distance of the Public Market and numerous shops and cultural activities.

### Granville Island Hotel:

TELEPHONE: 1-800-663-1840 or (604) 683-7373

WEBSITE: [www.granvilleislandhotel.com](http://www.granvilleislandhotel.com)

ADDRESS: 1253 Johnston Street, Vancouver, BC

### DIRECTIONS TO THE HOTEL:

The Hotel is located on the north east end of the island. Once you enter the Island the road will automatically make you turn right onto Cartwright Street at the Kids Market. Follow Cartwright Street to the very end (the hotel is located on the northeast tip of Granville Island where Cartwright meets Johnston Street.

### IMPORTANT NOTICE ABOUT PARKING ON GRANVILLE ISLAND:

Please note that parking on the island is limited to 3 hours unless you have a parking pass on your car. Parking passes are available for workshop participants staying at the hotel and for workshop participants. **Please ask for a parking pass at the hotel's registration desk and place it visibly in your car.** This pass will allow you to park on the island longer than three hours without being towed.

### CHECK OUT TIME:

Please be aware that check out time is 12:00 pm. If requested, Granville Island Hotel may be able to extend your check out time to 12:30 pm. If you would like to extend your check out time please speak to hotel staff when you check in.

# EXPENSE POLICY

Child Health BC will reimburse participants for reasonable expenses. The reimbursement of expenses is in accordance with policies set out by the Provincial Health Services Authority. An excerpt of key relevant policies are listed below:

**Policy Principles** — 2.1 All expenses must be: i) appropriate, in reference to the nature and context of the expense; li) reasonable, in reference to the economy of the expense amount; and lii) necessary for business purposes or supporting the mission of the PHSA.

3. **General Policy** — 3.1 Sound business judgment must be exercised in determining travel. The travel decision must consider the following factors: i) most economical cost; ii) the duration of the travel; lii) a reasonable level of comfort, convenience, and practicality; iv) personal safety; and v) the most sensible route and mode of travel consistent with the purposes and context of the trip.

3.4 **Gratuities** — Where customary, the maximum gratuity that should be given is 15% of the cost before taxes.

4.1.1 Original invoices, receipts or ticket stubs must be submitted with an explanation of the business purpose as supporting documentation for all individual expenses over \$5.00

4.1.2 Credit card vouchers and statements are not adequate supporting documentation for an expense report.

## 4.2 Expense Report Submission

4.2.2 Expense reports are to be promptly completed and submitted for approval within 1 month of incurrence of the expenses.

## 6.0 Use of Personal Motor Vehicle

6.1.4 When a personal motor vehicle is used and there is a choice between air travel and use of a personal motor vehicle, the claimant must restrict the value of the claim to the lesser of the lowest economy airfare(s) OR the mileage amount.

6.2.3 Business related parking costs at locations other than the normal place of work will be reimbursed.

6.2.4 Traffic and/or parking and towing charges do not qualify for reimbursement.

**7.0 Other Forms of Transportation** — 7.1.1 Business related transportation such as buses, taxis, car rentals, ferry and parking expenses are eligible for reimbursement.

7.1.2 Claimants are encouraged to use low cost services and public transportation whenever possible. Where such options are not reasonable or available, other reasonable alternatives may be chosen.

7.3. Ferry—The full cost of ferry travel will be reimbursed including the cost of the Reservation System or Assured Loading Tickets (“ALT”) when necessary.

10. **Meals and Incidentals** — 10.1.1 The lower of the actual meal and incidental costs that are considered to be reasonable, or the per diem allowance should be claimed.

**10.2 Allowance for Out of Town Travel with Overnight Stays** — A per diem allowance is provided to cover meals and incidental expenses, such as reasonable customary gratuities, laundry and personal telephone calls. Receipts are not required to support the per diem allowance claim and can be allocated in a reasonable manner as determined by the claimant. Note: In the case of this workshop, claimable per diem amounts are listed on the expense form. Daily meals throughout the duration of the workshop are provided to participants.

12. **Air Travel** — 12.2 The most economical air fare should be chosen regardless of frequent flyer program memberships. However, if this is not permissible given schedules, air traffic conditions and the terms and conditions, a reasonable alternative can be chosen with advance approval from the expense report approver.

12.5 Claimants will not be reimbursed or otherwise compensated if they elect to use mileage points to travel on business.

12.7 12.9 The traveler is responsible for additional costs related to modification to a ticket for personal reasons.

13. **Combining Business and Personal Travel** — 13.1 Travel that combines business and personal travel is reimbursed at the lesser of: i) actual transportation expenses; or ii) the expenses that would have been incurred if the personal travel had not taken place, applying reasonable estimates where necessary.

13.2 Where a business trip is extended for personal reasons, the claimant is responsible for all additional costs incurred.

Where a claimant can demonstrate, with documentation, that airfare savings resulting from extending the trip, exceed the additional costs claimed for reimbursement, the claim for additional costs is allowable.

13.3 Additional costs that arise when a claimant’s spouse, other family member or friend accompanies the claimant on travel are not eligible for reimbursement.



# WORKSHOP EXPENSE FORM

## PEDIATRIC SIMULATION WORKSHOP, NOV 23-24 2007

Name:

Telephone:

E-mail:

Address:

SIGNATURE:

Mileage (put #	Km x .50	\$
km):	_____	_____
Airfare:	_____	\$
Taxi:	_____	\$
Meal Per Diem:	THURSDAY DINNER (if travelling before 6:00 pm you may claim \$21.00)	\$
	FRIDAY DINNER \$21.00	\$ 21.00
Sessional Time:	Community Pediatricians may claim two sessionals if appropriate (\$444.45 x 2)	\$
Other:	_____	\$
	Total	\$ _____

Please send this form with your original receipts to:

**Heather Chisholm  
Child Health BC  
Room 2H2—4480 Oak Street  
Vancouver, BC V6H 3V4**

**Child Health BC**

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With Special Thanks To Our  
Lead Benefactor.



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