



# Evaluation and Treatment of Cardiorespiratory Function in Spinal Cord Injury -- Current Best Practice

Jean-François Lemay PT, PhD  
September 30 – October 1, 2017  
Vancouver

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## Course Description

This course will guide participants through scientific evidence that has therapeutic value in managing the impact of a spinal cord injury (SCI) on the cardiorespiratory function. Participants will be shown how to perform evaluations and interventions related to those impacts.

## Learning Objectives

Upon completing the course, the participant will be able to:

- Understand the impacts of a SCI on the cardiorespiratory system, their relative importance, and their influence in rehabilitation.
- Perform an overall assessment of cardiopulmonary function and interpret the results to select appropriate interventions.
- Apply various evidence-based clinical interventions, protocols and equipment aimed at improving the cardiopulmonary function of individuals with SCI.
- Use evidence-based rationale to promote the use of various interventions for preventing cardiorespiratory problems in this population.

## Course Outline

- Overview of Canadian rehabilitation services and practices related to cardiopulmonary functions.
- SCI and the respiratory system
  - Review of the impacts of a SCI on respiratory functions
  - Evidence-based evaluations and interventions
  - Practical session on evaluation and interventions
- SCI and impacts on the cardiovascular system
  - Review of impacts of a SCI on cardiovascular functions
  - Evidence-based evaluations and interventions

## The Instructor

Jean-François Lemay received a BSc in Physical Therapy from McGill University. He also holds a Master's degree in Biomedical Sciences and a PhD in Rehabilitation Science from the University of Montreal. He has over 15 years experience working with the SCI population. Although his postgraduate studies mainly focus on the evaluation of standing postural control with SCI, he has also developed a clinical interest and expertise in cardiorespiratory physical therapy. He has contributed to the implementation of evidence-based evaluations and interventions aimed at improving respiratory function following SCI in rehabilitation centres in Quebec.

**Location**

OT/PT Dept. G. F. Strong Rehab Centre 4255 Laurel St. Vancouver V5Z 2G9

**Intended Audience**

Physiotherapists, Respiratory Therapists, Nurses and Physicians working in Spinal Cord Injury

**Program**

Lecture and discussion 8.5 hours

Demonstration and practice—dependent on number of suitable clients but a minimum of 1.5 hours

**Tuition**

Before August 18: \$450 + GST = \$472.50

After August 18: \$495 + GST = \$519.75

Includes 5% GST, manual, food and refreshments.

**Enrollment is limited to 20 seats for lecture and lab. After maximum enrollment is achieved consideration will be given to extra seating for the lecture portion only.**

Cheques may be post-dated to August 18 for the early bird or to September 8 for the regular rate. NSF cheques are subject to a \$40.00 administration fee. Interac transfers can be arranged.

Deadline for registration is **August 18**. Please do not make any flight arrangements until the course is confirmed with sufficient registrants.

**Cancellation Policy**

Withdrawals must be made in writing prior to September 8; an administration fee of \$50 is charged. No refunds are given after September 8 but you may send an alternate of your choosing. In the event of course cancellation, a full refund of the course fee only will be provided.

**For More Information**

Contact Dianna at dmjot@telus.net or (604) 263-8730 to leave a message.

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September 30 & October 1, 2017

Name: \_\_\_\_\_

Organization: \_\_\_\_\_ Prof. \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Tel. Work: \_\_\_\_\_ Home: \_\_\_\_\_

e-mail: \_\_\_\_\_

Dietary restrictions: \_\_\_\_\_ Hotel information \_\_\_\_\_

Before August 18: \$472.50. After August 18: \$519.75. Price includes GST. GST # 897046587RT0001

Make cheques payable to Dianna Mah-Jones OT Consultant; mail to 1243 W64th Ave. Vancouver V6P 2M7