



18th Annual Scientific Conference of the Canadian Spine Society

Fairmont Banff Springs 405 Spray Avenue **Banff Alberta T1L 1J4 Canada**

Fairmont
HOTELS & RESORTS



Wednesday February 28 to Saturday March 3, 2018



The Canadian Spine Society is a collaborative organization of spine surgeons and healthcare professionals with a primary interest in advancing excellence in spine patient care, research and education.

Canadian
Paediatric
Spine Society

CPSS

COURSE OBJECTIVES

The Annual Scientific Conference of the Canadian Spine Society offers a comprehensive review of spine therapy and spine surgery in Canada. The meeting is held in conjunction with the Canadian Paediatric Spine Society and offers current perspectives on the management of both adult and paediatric spinal problems. The program covers both surgical and non-operative answers to a wide range of spinal pathologies and addresses the more general issues of pain and pain management. It provides practical instruction for the treatment of specific common clinical challenges but also reports on advances in basic spine research and contemporary philosophies on the patient-centered approach. The Conference includes the yearly review of work by the Canadian Spine Outcomes and Research Network (CSORN) and will include both papers arising from the research and an operational meeting for all those interested in participating in its ongoing collaboration. The CME approved format will again feature a well balanced mix of didactic instructional lectures, interactive symposia, hands-on product demonstrations and professional interaction. This Annual Scientific Conference is the most important spine meeting in Canada and a must for anyone involved in administering or administrating spine care.

PRESENTERS

SPEAKER READY AREA

Open daily (except Saturday) for all presenters to download presentations prior to day of presentation.

NOTE: This is mandatory for all presenters (abstract & symposia presentations).

LOCATION Riverview Lounge by CSS Registration area

OPEN DESK with LAPTOP – OPEN DAILY

0700 - 2100 Wednesday February 28

0600 - 2100 Thursday March 1

0600 - 2100 Friday March 2

CLOSED Saturday March 3

EDUCATIONAL SESSIONS

All sessions will be presented in English. All abstracts accepted for presentation will be available for downloading after February 9, 2018 at www.spinecanada.ca. Neither abstract books nor program CDs will be provided on-site.

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

In keeping with accreditation guidelines, speakers participating in this event have been asked to disclose to the audience any conflicts of interest that may potentially influence the presentation of the educational material. Disclosure will be done using a slide prior to the speaker's presentation.



Lifetime Achievement Award Recipient 2018 Guest of Honour



Hamilton Hall, MD FRCS

Hamilton Hall completed his medical degree at the University of Toronto and immediately after internship joined CARE/MEDICO to travel to Malaysia where he was stationed in a rural hospital as part of a Canadian team of doctors, nurses and laboratory technicians. Dr. Hall returned to Toronto for his orthopaedic residency which concluded with a fellowship in medical education at the University of Dundee, Scotland. He began orthopaedic practice at the Women's College Hospital in 1973, subsequently moving to the Toronto General Hospital, to the Orthopaedic and Arthritic Hospital and finally to the Sunnybrook Health Sciences Centre where he remains on the active orthopaedic staff. Dr. Hall is a Professor in the Department of Surgery at the University of Toronto.

Because of his interest in education, in 1974 Dr. Hall began a lecture series to offer better understanding and positive advice for patients suffering with back pain. Those lectures became the Canadian Back Institute which expanded into the CBI Health Group, now with over 13,000 employees and the largest rehabilitation company in Canada. Dr. Hamilton Hall continues to serve as its Medical Director.

In 1994 Dr. Hall organized a small group of surgeons with a particular interest in spine to form the Canadian Association for Disorders of the Spine (CADS). Dr. John Hurlbert attended the 1999 CADS meeting and invited the members to join interested neurosurgeons at the First Canadian Congress of Spinal Surgery the following year. Based on that fusion, Drs. Hurlbert and Hall co-founded the Canadian Spine Society. Dr. Hall is presently the Society's Executive Director.

Dr. Hamilton Hall has received Outstanding Paper and Poster awards from the North American Spine Society and the International Society for the Study of the Lumbar Spine. He was recipient of the Laurie Chute Award for the Best Undergraduate Clinical Lecturer at the University of Toronto and the NASS Henry Farfan Award for outstanding contributions to the field of spine care.

Dr. Hall's concept of a syndrome approach to classifying mechanical back pain is an essential component of several provincial initiatives to improve spine care. In addition to numerous professional publications he is the author of the best-selling Back Doctor series of books for the lay public.

Presentation of Dr. Hall's Lifetime Achievement Award will take place at the Presidential Banquet on Thursday March 1.

Wednesday February 28

0700 - 1200 CSORN Principal Investigator Meeting

LOCATION **Ivor Petrak Room**

CSORN AGENDA

0630 - 0700 Breakfast

1000 - 1015 Coffee Break

1145 - 1245 Lunch

0700 - 1600 **Canadian Paediatric Spine Society**

– Full Day Session

LOCATION **Cascade Ballroom**

Canadian
Paediatric
Spine Society

CPSS

CPSS AGENDA

0700 - 0745 Registration & Light Breakfast

LOCATION **Riverview Lounge**

0745 - 0755 Introduction & Welcome

Dr. Reinhard Zeller

0755 - 0945 CPSS Morning Session

- Cross Canada Review
- Roundtable on Neuromonitoring
- CPSS Award Updates
- CPSS Project Updates & Requests for Participation in Pan-Canadian Projects

0945 - 1000 Coffee Break

1000 - 1200 CPSS Selected Podium Presentations #A-L

1200 - 1210 Group Photo

1210 - 1300 Lunch

LOCATION **Conservatory**

1300 - 1402 CSS Selected Podium Presentations #1-9:

DEFORMITY 1

1402 - 1420 Coffee Break

1420 - 1522 CSS Selected Podium Presentations #10-18:

DEFORMITY 2

1522 - 1540 Open Microphone for Paediatric

Spine Care in Canada

1540 - 1555 Closing Remarks & Future Directions

1555 - 1610 CPSS Executive Meeting

1630 - 1830 CSS Executive Meeting

LOCATION **Oak Room**

1830 - 2100 Opening Welcome Reception & Exhibits

LOCATION **Alberta Ballroom / New Brunswick Ballroom / Riverview Lounge**

Thursday March 1

0615 - 0810 Coffee Break & Light Breakfast

LOCATION **Riverview Lounge**

0630 - 0805 Podium Presentations #19-30: **COMPLICATIONS / DEGENERATIVE SPONDYLOLISTHESIS**

SESSION CHAIRS Dr. Bradley Jacobs / Dr. Daniel Warren

LOCATION **Cascade Ballroom**

0805 - 0830 Coffee Break & Light Breakfast / Poster Gallery Viewing

LOCATION **Alberta Ballroom & New Brunswick Ballroom / Riverview Lounge**

0830 - 1005 Podium Presentations #31-42: **PRE-OPERATIVE ASSESSMENT**

SESSION CHAIRS Dr. Jean-Francois Chevalier / Dr. Allan Woo

LOCATION **Cascade Ballroom**

1005 - 1100 Exhibits & Breakfast / Poster Gallery Viewing

LOCATION **Alberta Ballroom & New Brunswick Ballroom / Riverview Lounge**

1100 - 1230 CPSS SYMPOSIUM

Pelvic Fixation for Spinal Deformities

– This is how we do it

LEARNING OBJECTIVES

At the end of this symposium attendees will be able to:

- List the indications for pelvic fixation with surgery for spinal deformity.
- Describe the available methods for pelvic fixation.
- Determine which fixation technique is most appropriate for each type of deformity

MODERATOR Dr. Reinhard Zeller

PANEL Dr. Fabio Ferri-de-Barros / Dr. Stephen Lewis / Dr. Firoz Miyanji

LOCATION **Cascade Ballroom**

1230 - 1430 Rick Hansen Institute Meeting

LOCATION **Norquay Room**

1245 - 1500 Case Presentations for Residents / Fellows /

Allied Health Professionals

LOCATION **Ivor Petrak Room**

1500 - 1600 CSORN Coordinator Session

LOCATION **Norquay Room**

1600 - 1700 CSORN General Session

LOCATION **Norquay Room**

1800 - 1900 **Wine Tasting & Cocktails with Exhibits**

Tickets required to participate in Wine Tasting; everyone welcome to attend for cocktails

LOCATION **Alberta Ballroom / New Brunswick Ballroom / Riverview Lounge**

1900 - 2100 **Presidential Banquet**

Speeches & Presentation of Lifetime Achievement Award to Hamilton Hall, MD FRCSC

LOCATION **Cascade Ballroom**

2100 - 2200 **CSREF Nearly Surgical Skills Competition**

LOCATION **Riverview Lounge**

PROGRAM

Friday March 2

- 0615 - 0810** Coffee Break & Light Breakfast
LOCATION [Riverview Lounge](#)
- 0630 - 0805** Podium Presentations #43-54: **ONCOLOGY**
SESSION CHAIRS Dr. Robert Broad / Dr. Adrienne Kelly
LOCATION [Cascade Ballroom](#)
- 0805 - 0830** Coffee Break & Light Breakfast / Poster Gallery Viewing
LOCATION [Alberta Ballroom & New Brunswick Ballroom / Riverview Lounge](#)
- 0830 - 1005** Podium Presentations #55-66: **TRAINING / CSORN**
SESSION CHAIRS Dr. Jerome Paquet / Dr. Philippe Phan
LOCATION [Cascade Ballroom](#)
- 1005 - 1100** Exhibits & Breakfast / Poster Gallery Viewing
LOCATION [Alberta Ballroom / Riverview Lounge](#)
- 1100 - 1230** **CSS SYMPOSIUM**
The Psychology of Pain: Personal and Professional
LEARNING OBJECTIVES
At the end of this symposium attendees will be able to:
- Recognize both the physiological and psychological effects of neuropathic pain.
 - View pain disorders from both the clinician's and the patient's perspective.
 - List the relevant steps in a comprehensive, effective pain management program.
- MODERATOR Dr. Neil Manson
PANEL Dr. Dean Tripp / Dr. Jane Walsh
LOCATION [Cascade Ballroom](#)
- 1230 - 1330** CSREF Annual General Meeting
LOCATION [Empress Room](#)
- 1245 - 1500** Case Presentations for Residents / Fellows / Allied Health Professionals
LOCATION [Ivor Petrak Room](#)
- 1515 - 1600** CSS Annual General Meeting
LOCATION [Cascade Ballroom](#)
- 1600 - 1651** Apres Ski Spine Presentations #67-72: **PAIN**
SESSION CHAIRS Dr. Jan Splawinski / Dr. John Street
LOCATION [Cascade Ballroom](#)
- 1651 - 1750** Apres Ski & Exhibits
LOCATION [Alberta Ballroom / New Brunswick Ballroom](#)

Evening Free

Saturday March 3

- 0615 - 0810** Coffee Break & Light Breakfast
LOCATION [Riverview Lounge](#)
- 0630 - 0805** Podium Presentations #73-84: **CERVICAL SPONDYLOTIC MYELOPATHY / IMAGING**
SESSION CHAIRS Prof. Mark Driscoll / Dr. Andrew Glennie
LOCATION [Cascade Ballroom](#)
- 0805 - 0830** Coffee Break & Light Breakfast / Poster Gallery Viewing
LOCATION [Alberta Ballroom & New Brunswick Ballroom / Riverview Lounge](#)
- 0830 - 1005** Podium Presentations #85-96: **SCI / OUTCOMES**
SESSION CHAIRS Dr. Sean Comstock / Dr. Harsha Malempati
LOCATION [Cascade Ballroom](#)
- 1005 - 1100** Exhibits & Breakfast / Poster Gallery Viewing
LOCATION [Alberta Ballroom & New Brunswick Ballroom / Riverview Lounge](#)
- 1100 - 1115** Award Presentations
AWARD 1
The Debbie Scarlett Award for Best Overall Paper – Cash Prize \$1,000
AWARD 2
The Fellow's Best Paper Award – Cash Prize \$500
AWARD 3
The Resident's Best Paper Award – Cash Prize \$500
LOCATION [Cascade Ballroom](#)
- 1115 - 1245** **CSS SYMPOSIUM**
Clinical Conundrums and Conclusions
LEARNING OBJECTIVES
At the end of this symposium attendees will be able to:
- Determine the need for a graft enhancer in a two level lumbar fusion.
 - Decide between a posterior only and a combined surgical approach for treating CSM.
 - Justify the addition of fusion in treating a stable degenerative L4/5 spondylolisthesis.
- MODERATOR Dr. John Street
PANEL Dr. Y. Raja Rampersaud / Dr. John Street / Dr. Jefferson Wilson
LOCATION [Cascade Ballroom](#)
- 1245** Adjournment
LOCATION [Cascade Ballroom](#)

[Poster Gallery](#) | OPEN Daily throughout Conference | Posters #P1-P24 | [LOCATION Riverview Lounge](#)

GENERAL INFORMATION

ACCOMMODATION

Hotel reservations must be made by the deadline of **January 28, 2018**. Registrants and presenters are responsible for making their own arrangements.

Fairmont Banff Springs

Toll Free Reservations 1 (800) 441-1414

Group Code for Special Room Rates *0218 CDSS or quote the group name Canadian Spine Society

ONLINE RESERVATION LINK – www.spinecanada.ca

A limited number of rooms will be held until **January 28, 2018**. After that date any remaining rooms in our block will be released. Be sure to reserve early to avoid disappointment.

DRESS

Dress code is business casual for the duration of the Conference, except for the Friday evening Presidential Banquet, which is semi-formal.

ACCREDITATION / STUDY CREDITS

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada, approved by The Canadian Orthopaedic Association.

REFUND POLICY

A registration refund will be made upon written request on or prior to **February 5, 2018**; an administration fee of \$35 will be retained. Any refunds granted after **February 5, 2018** will incur an administrative fee of \$75. Refunds will only be processed with the return of original receipt.

GENERAL INQUIRIES & EXHIBITOR INFORMATION

For general inquiries about the Conference or to obtain Exhibitor information, please contact:

Jennifer Edwards

Director of Operations, Conference Coordinator,
Canadian Spine Society

Telephone (519) 986-1459

Email css@spinecanada.ca

REGISTRATION INQUIRIES

For all inquiries regarding Registration for the Conference, please contact:

Carey Meyers

Registrar, Canadian Spine Society

Telephone (519) 986-1459

Email registration@spinecanada.ca

CSS Registration Desk

OPEN DAILY

LOCATION **Riverview Lounge**

0645 - 1300 Wednesday February 28

1800 - 2100 Wednesday February 28

0600 - 1300 Thursday March 1

0600 - 1300 Friday March 2

0600 - 1245 Saturday March 3



FUTURE CSS CONFERENCES

2019 February 27 to March 2

Fairmont Royal York, Toronto, Ontario

2020 February 26 to 29

Fairmont Chateau Whistler, Whistler, British Columbia

SAVE THE DATE

2019 September 4 to 7

2nd CANZ

CANADA, AUSTRALIA AND NEW ZEALAND

Combined Spine Society Meeting 2019

Queenstown, New Zealand

Registration opens June 2018

Visit the NZOA website for details: nzoa.org.nz/events



18th Annual Scientific Conference of the Canadian Spine Society

Conference registration OPEN from December 1, 2017 to February 5, 2018

REGISTRATION DEADLINE February 5, 2018

REGISTRATION

REGISTER ONLINE

CONFERENCE REGISTRATION

All attendees must register online

Conference registration will be **OPEN** from
December 1, 2017 to February 5, 2018

ONLINE REGISTRATION LINK – www.spinecanada.ca

REGISTRATION FEES

- \$950** Non Members (chiropractors, physiotherapists, others)
- \$725** CSS Members
CPSS Surgical Members
Senior CSS Members
- \$625** Nurses
Allied Health Professionals
Non-medical Healthcare Professionals
Non-surgical CPSS Members
- \$525** Non-member Fellows & Residents
Medical Students
- \$475** Fellow & Resident CSS Members
- \$250** Single Day Rate for CPSS Session on February 28

Prices shown do not include tax; HST will be applied at a rate of 13% (HST# 832531073 RT0001)

MEMBERSHIP

If you are not currently a member of the Canadian Spine Society and would like to apply for membership please contact Jennifer Edwards at the CSS office – css@spinecanada.ca

REGISTRATION FEE INCLUDES – FOR REGISTRANTS ONLY

Breakfasts, coffee breaks, CPSS session, symposia and scientific presentations, Opening Reception, Presidential Banquet

ADDITIONAL FEES

Wine Tasting Event – \$35 per person
Guest Tickets for Presidential Banquet – \$110 per guest

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LATE REGISTRATION POLICY

A late registration fee of \$75 will be applied to all registrations after **February 5, 2018**.

Registration for the Conference must be completed online

Access the LINK at
www.spinecanada.ca



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REGISTRATION DEADLINE February 5, 2018