



## UNDERSEA AND HYPERBARIC MEDICAL SOCIETY



### CANADIAN CHAPTER -CHAPITRE CANADIEN

## 2nd annual meeting, Richmond, British Columbia, Canada, Oct. 21 – 23, 2011

### Overview:

- **Wednesday – Thursday Oct. 19 – 20** from 07:00 to 18:00: Fitness to dive course for physicians at the Richmond Winter Club (5540 Hollybridge Way in Richmond, B.C.)
  - **Wednesday evening:** 20:00 Faculty dinner
  - **Thursday afternoon:** 15:30 study hall for CHT exam registrants at Executive Airport Plaza Hotel (7311 Westminster HWY, Richmond, B.C. V6X 1A3)
  - **Thursday afternoon:** 17:30 CHT exam
  - **Thursday evening:** committee meetings
  - **Thursday evening :** 20:00 BOD meeting and dinner
- **Friday Oct. 21** – Clinical Hyperbaric medicine at WorkSafeBC (6951 Westminster HWY, Richmond, B.C.)
  - Friday evening: banquet at Richmond Winter Club (dress semi-formal)
- **Saturday Oct. 22** – Diving and diving medicine at WorkSafeBC (6951 Westminster HWY, Richmond, B.C.)
  - Saturday evening:
    - Tour and demonstration at hyperbaric chamber
    - Informal social at the Executive Inn Airport Plaza after hyperbaric chamber tour
- **Sunday Oct. 23** – committee meetings

### Registration fees:

- **Friday or Saturday (each day):**
  - \$100 non-members (\$95 early bird)
  - \$95 for UHMS members (\$85 early bird)
    - Friday evening banquet \$35
- **Friday & Saturday:**
  - \$190 (\$170 for early bird UHMS members)





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#### Note:s:

- Registration fees include morning and afternoon coffee as well as lunch.
- Registrants for the Fitness to Dive course and the Canadian Underwater Conference and Exhibition are eligible for the same rate as UHMS members.
- Registrants for the meeting who join the UHMS for the first time at the meeting are eligible for a discount on the membership fee.
- The discounts above are applicable only if registration is received by Oct. 10, 2011.
- Hotel rates for the meeting at the Executive Inn Plaza: Oct. 18- 23: \$114 / night, includes fee airport shuttle, Wi-Fi and parking.
- Registrants may submit questions about diving fitness and other issues in writing before the meeting or ask questions from the floor.

#### Hyperbaric Chamber tour, Saturday Oct. 22

- There will be two different sessions available at the hyperbaric chamber located in Vancouver General Hospital:
- 17:00 – 18:00 – this session is intended for divers and includes a demonstration of a mock treatment of a patient with decompression illness.
- 18:00 – 19:00 – this session is primarily intended for health care professionals.
- Please notify the Canadian Chapter which tour you wish to participate in when registering. This tour is only available to meeting registrants. Shuttle bus transportation will be available (charge of \$10 per person, please request when booking).

#### CME Credits:

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Undersea & Hyperbaric Medical Society (UHMS) and WorkSafeBC. The UHMS is accredited by the ACCME to provide continuing medical education for physicians.

The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 20 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All faculty members and planners participating in continuing medical education activities sponsored by (name of responsible organization) are expected to disclose to the participants any relevant financial relationships with commercial interests. Full disclosure of faculty and planner relevant financial relationships will be made at the activity.



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**Friday Oct. 21 (WorkSafeBC, Richmond, BC)**

### Clinical hyperbaric medicine

07:30 – 08:15	Registration
08:15 – 08:20	Introduction and welcome – Ken LeDez
08:20 – 08:25	Greetings from the Undersea and Hyperbaric Medical Society – Tom Workman
08:25 – 08:30	Welcome from the Medical Director, Vancouver Hyperbaric Unit – Dr. David Harrison
08:30 – 08:35	Welcome on behalf of WorkSafeBC
	<b>Clinical hyperbaric medicine 1: Wounds / Complications / Safety</b>
08:35 – 09:00	Wound assessment and care and the role of hyperbaric oxygen – Dr. Ron Linden
09:00 – 09:25	Integrated wound management – Dr. Richard Belley
09:25 – 09:55	Long lasting influence of HBOT on cardiovascular parameters among patients - Marie-Ludivine Chateau-Degat, PhD
09:55 – 10:30	Clinical hyperbaric safety issues – Kevin “Kip” Posey, International Atmo Inc.
10:30 – 10:50	<b>Coffee / exhibits / posters</b>
	<b>Clinical hyperbaric medicine 2: Standards / accreditation</b>
10:50 – 11:05	Quality assurance in hyperbaric medicine units – Dr. David Harrison
11:05 – 11:20	Standards of practice in Canadian hyperbaric medicine – Dr. Ken LeDez
11:20 – 11:40	UHMS accreditation program for clinical hyperbaric facilities – Tom Workman
11:40 – 11:55	Accreditation of Canadian hyperbaric treatment facilities – Dr. Ron Linden
11:55 – 12:05	Discussion & questions
12:05 – 13:15	<b>Lunch / exhibits / posters / sections / Annual Members Meeting</b>
12:05 – 13:00	Associates section meeting
12:05 – 13:00	Physician credentials / economics: Drs. David Harrison, Ken LeDez, Wayne Evans
13:00 – 13:15	<b>Annual members meeting</b>
13:15 – 13:30	CC_UHMS Awards ceremony: Ron Nishi & Dr. David Harrison <ul style="list-style-type: none"> <li>• Dr. Michael Lepawsky award for physician excellence in hyperbaric medicine</li> <li>• Jim Wilson award for outstanding technical contribution</li> </ul>
	<b>Clinical hyperbaric medicine 3: Case reports and discussions / HBOT fitness</b>
13:30 – 15:00	Case presentations and discussions from across Canada <ul style="list-style-type: none"> <li>• Radiated wound in a patient with lung bullae – Elaine Carew</li> <li>• Cardiac arrest protocols in the Vancouver Hyperbaric Unit – Paul Doherty</li> <li>• Liquid oxygen system problem – Dr. Ron Linden</li> <li>• Use of simulation in hyperbaric medicine services – Jocelyn Boisvert</li> <li>• Wound healing case – Dr. Ron Linden</li> </ul>
15:00 – 15:20	Staff and patient fitness for hyperbaric exposure – Dr. Dominique Buteau
15:20 – 15:45	<b>Coffee / exhibits / posters</b>
	<b>Clinical hyperbaric medicine 4: Complications / Training / Controversies</b>
15:45 – 16:15	Immersion pulmonary edema – Dr Michael Koehle
16:15 – 16:45	HBOT for the treatment of post-concussive syndrome following mild traumatic brain injury: Initial results and lessons learned – Steven L. West, PhD
16:45 – 17:10	Traumatic brain injury and HBOT – summary of Toronto meeting – Dr. Wayne Evans
17:10 – 17:30	Discussion
19:00	<b>Reception / banquet (Guest of honour, Dr. Michael Lepawsky)</b>



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**Saturday Oct. 22 (WorkSafeBC, Richmond BC)**

### Diving and diving medicine

07:30 – 08:15	Registration
08:15 – 08:20	Introduction to the Canadian Chapter of the UHMS – Ken LeDez
08:20 – 08:25	Greetings from the Pacific Chapter of the UHMS – Dr. Edmond Kay
08:25 – 08:30	Welcome by WorkSafeBC
08:30 – 08:35	Welcome from the Medical Director, Vancouver Hyperbaric Unit – Dr. David Harrison
	<b>Diving disorders &amp; treatment, specialized diving and diving research 1 (J. Boisvert)</b>
08:35 - 08:55	Brief update on decompression illness – Dr. Edmond Kay
08:55 - 09:35	A blood test for decompression illness? Cross-Canada research study led by Defence Research and Development Canada – Bruce Cameron, PhD
09:35 – 10:00	Non-pulmonary barotrauma – Dr. Edmond Kay
10:00 – 10:25	Diving and Hyperbaric within the Canadian Forces – CPO2 Robert Mackay
10:25 – 10:40	Arterial gas embolism (diving and other causes) – Dr. Ken LeDez
10:40 – 10:55	<b>Coffee / posters / exhibits</b>
	<b>Diving disorders &amp; treatment, specialized diving and diving research 2</b>
10:55 – 11:15	Decompression illness in tunnelling and caisson work – Dr. Edmond Kay
11:15 – 11:30	Aquaculture diving in New Brunswick – Dr. John Quinn
11:30 – 12:05	A brief overview of the properties and the practical implications of a new class of interconnected decompression models – Dr. Saul Goldman
12:05 – 12:20	Dive travel – Dr. Edmond Kay
12:20 – 12:40	Design and installation of the Vancouver hyperbaric chamber facility – Dan Driedger
12:40 – 13:25	<b>Lunch / posters / exhibits</b>
	<b>Diving disorders &amp; treatment, specialized diving and diving research 3</b>
13:25 – 13:45	Review of Diving Accidents in British Columbia - Dr. David Harrison
13:45 – 14:15	Basics of Technical and Rebreather diving for hyperbaric physicians- Dr. Kim Buschmann
14:15 – 15:00	Diving accidents & case reports (multi and monoplace chambers for decompression illness)– Dr. George Harpur, Dr. Ken LeDez, Dr. Dominique Buteau
15:00 – 15:20	Overview of recent diving related research published by the UHMS– Sherri Ferguson
15:20 – 15:40	<b>Coffee / exhibits / posters</b>
	<b>Fitness to dive &amp; controversies in diving medicine</b>
15:40 – 15:50	Dive medicals and who should perform them: Report on the Fitness to dive course for physicians
15:50 – 16:10	The ageing diver – Dr. Edmond Kay
16:10 – 16:30	Psychiatric & psychological fitness to dive – Dr. Ron Linden
16:30 – 17:00	Ask the experts / myths of diving panel/ special fitness to dive consideration– Panel
17:00 – 19:00	<b>Hyperbaric chamber tours</b>
19:00 -	<b>Decompression stop – meet in the hotel pub</b>



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