



THE UNDERSEA AND HYPERBARIC MEDICAL SOCIETY

CANADIAN CHAPTER-CHAPITRE CANADIEN

PRESENTS

THE 1ST ANNUAL MEETING

**FROM COAST TO COAST TO COAST
BUILDING ON THE SHOULDERS OF
THE GREAT LAKES CHAPTER**

22 AND 23 OCTOBER 2010
TRAVELODGE HOTEL TORONTO AIRPORT

24 OCTOBER 2010
MARRIOTT AIRPORT HOTEL TORONTO

Program chair
Dr Ken LeDez





CANADIAN CHAPTER-CHAPITRE CANADIEN OF THE UHMS

Welcome to the Canadian Chapter - Chapitre Canadien of the Undersea and Hyperbaric Medical Society (CC_UHMS)! Our organization is a new, federally registered not-for-profit Corporation in Canada. It has taken years of persistence to get to the point of having a Canada-wide diving and hyperbaric medical society. Physicians and other professionals in Canada involved in hyperbaric and diving medicine have for decades separately faced many challenges. The Great Lakes Chapter (GLC) of the Undersea and Hyperbaric Medical Society was a beacon of activity and excellence but encompassed only part of the country and in fact was registered in the USA and not in Canada. A group of hyperbaric physicians in Toronto and elsewhere in Ontario also worked together on some issues in that province. But there was little opportunity for professionals in hyperbaric and diving medicine from across Canada to work with each other.

Each of the leaders who came together to help form the Canadian Chapter no doubt has their hands full dealing with many professional issues close to home. However, all recognized that we could not successfully address all the challenges individually. The GLC had a strong record of cross-border cooperation and a strong focus on research as it could draw from the talents of Defence Research and Development Canada (DRDC, formerly DCIEM) in Toronto, and the State University of New York, University at Buffalo. The GLC could not tackle the pressing issues related to standards of care, professional credentials and many others that need national cooperation. So on the shoulders of the GLC, and with the support of professionals all over Canada, our new Canadian Chapter of the UHMS has been formed.

The Undersea and Hyperbaric Medical Society (UHMS), based in the USA, has been helpful and supportive of our efforts to establish the Canadian Chapter (Chapitre Canadien) and we would like to recognize and thank our colleagues in the USA for this assistance. While it is essential to have a Canadian organization for hyperbaric and diving medicine to deal with our particular challenges and different health care and political systems, the establishment of the CC_UHMS in no way means we are narrowing our focus. In fact, by strengthening ourselves we will build greater cooperation with the UHMS, other hyperbaric medical societies around the world, and we hope continue the close personal and professional cross-border ties that developed over 30 years in the Great Lakes Chapter. There are many issues, challenges and problems facing the CC_UHMS. These range from promoting high quality care and protection of the public to ensuring appropriate professional certifications and encouraging high quality scientific research into uses of hyperbaric oxygen treatment and also related to diving and the undersea environment. But all this will not happen overnight. We need to recruit new members and build our organization and welcome all members to become involved in the work of our Corporation, on our committees, at meetings and other events. I would encourage all professionals involved in hyperbaric and diving medicine and related fields to join and work with us.

Best wishes

Dr. Ken LeDez,
President, CC_UHMS



Canadian Chapter-Chapitre Canadien of the UHMS First annual meeting, Toronto, Ontario, Canada, Oct. 22 – 24, 2010

Overview:

- Friday – All day workshop on clinical hyperbaric facility accreditation
- Saturday – Hyperbaric medicine
- Sunday – Diving and diving medicine

Registration fees:

Friday Oct. 22	\$95	(\$85 for UHMS members)
Saturday Oct. 23	\$95	(\$85 for UHMS members)
Sunday Oct. 24	\$95	(\$85 for all registrations received by Oct. 10, 2010)

- All three days \$280 (\$250 for UHMS members)
- Registrants for the Canadian Underwater Conference and Exhibition will receive the same discount as UHMS members
- The discounts above are applicable only if registration is received by Oct. 10, 2010
 - **Note: Registration fees include morning and afternoon refreshments and lunch**
- Hotel rates for the meeting at the Travelodge: Oct. 21- 23: \$115 / night, includes fee airport shuttle, breakfast, wi-fi and parking. After the Oct. 23 the rates increase

Notes: 1) This schedule is subject to revision. 2) Friday and Saturday sessions take place at the Travelodge Airport Hotel, Sunday sessions take place across the road at the Toronto Marriott Airport Hotel



Friday Oct. 22 (Travelodge Airport Hotel, Toronto) Accreditation workshop

08:30 – 15:00	Canadian hyperbaric facilities accreditation: All day workshop with Tom Workman
15:15 – 17:15	Committee meetings
17:00 – 19:00	CHT exam sitting
17:15 – 18:30	Board of Directors meeting
19:00 -	Dinner

Saturday Oct. 23 (Travelodge Airport Hotel, Toronto) Clinical hyperbaric medicine

07:30 – 08:30	Registration Committee meetings
08:30 – 08:45	Introduction and welcome – Ken LeDez
08:40 – 09:15	Welcome on behalf of the UHMS - John Feldmeier (President-elect of the UHMS)
	Hyperbaric oxygen treatment 1
09:15 – 09:25	HBO 2 go: experience with mobile hyperbaric unit – Ken LeDez
09:25 – 09:45	Visual changes after hyperbaric oxygen treatment – David Harrison
09:45 – 10:30	Scientific evidence for hyperbaric oxygen treatment – Dick Clarke
10:30 – 11:00	Coffee / exhibits / posters
	Hyperbaric oxygen treatment 2
11:00 – 11:40	Radiation tissue damage – John Feldmeier
11:40 – 12:00	HBOT research in Canada: What is needed for multi-centre trials? – Ludwik Fedorko
12:00 – 13:30	Lunch / exhibits / posters / sections / Annual Members Meeting
12:00 – 13:00	Associates section meeting (including election of committee and representative on the Board of Directors)
12:00 – 13:00	Physician credentials and economics, and the OHIP fee schedule – Wayne Evans, OHIP speaker
13:00 – 13:30	Annual members meeting
	Hyperbaric oxygen treatment 3
13:30 – 14:00	HBOT and wounds – John Feldmeier
14:00 – 14:20	Calciophylaxis, a clinical perspective – Betty Kelman
14:30 – 14:50	Calciophylaxis, experience with hyperbaric oxygen treatment - Wayne Evans
14:50 – 15:15	Brief summary of workshop on accreditation – Tom Workman, Jocelyn Boisvert
15:15 – 15:40	Coffee / exhibits / posters
	Hyperbaric practice in Canada
15:40 – 15:50	Overview of hyperbaric qualifications in Canada (Recognition for supervisors, safety directors, commercial and military personnel)– Ken LeDez
15:50 – 16:05	National Board of Diving and Hyperbaric Technology and certification of hyperbaric personnel – Dick Clarke
16:05 – 16:15	Hyperbaric certification for Respiratory Therapists: Canadian Society of Respiratory Therapy (CSRT) – Sue Dunington
16:15 – 16:25	Hyperbaric nursing certification: Canadian Nurses Association (CNA) – Elaine Carew
16:25 – 17:00	Physician training and recognition in Hyperbaric Medicine: Update on the Diploma program of the Royal College of Physicians and Surgeons of Canada – Ken Harris
17:00 – 19:00	Reception / social



Sunday Oct. 24 (Marriott Airport Hotel, Toronto)

Diving and diving medicine

Note: Registrants may submit questions about diving fitness and other issues in writing before the meeting or ask questions from the floor

07:30 – 08:30	Registration
08:30 – 08:40	Introduction to the Canadian Chapter of the UHMS – Ken LeDez
08:40 – 08:45	Welcome by the Canadian Underwater Conference and Exhibition – David Parkes
	Diving disorders and treatment
08:50 - 09:15	Decompression illness (what is it, how to recognize it, and what to do) - Maj. Peter Zeindler
09:15 - 09:45	New research in decompression – Bruce Cameron
09:45 – 10:05	Review of the new Canadian treatment tables – Bill Bateman
10:05 - 10:35	Coffee / posters / exhibits
	Specialized diving & diving research
10:35 – 10:55	Saturation diving for offshore oil and gas in Atlantic Canada – Ken LeDez
10:55 – 11:15	Improving diver performance with breathing exercises and fin training – David Pendergast
11:15 – 11:30	The effect of depth on the effort needed for breathing – Heather Held
11:30 – 11:45	What divers can do to speed up nitrogen elimination – David Pendergast
11:45 – 12:15	"Blackouts, Squeezes and Gas Mysteries: Medical Tales from Extreme Breath-Hold Diving"– John FitzClarke
12:15 – 13:00	Lunch / posters / exhibits
	Diving accidents, safety & hyperbaric chambers
13:00 – 13:30	Review of SCUBA fatalities in British Columbia over a ten year period – David Harrison
13:30 – 14:00	Diving accidents and the Quebec diving "hotline"– Dominique Buteau
14:00 – 14:40	Diving accident case reports – Ken LeDez, Dominique Buteau, David Harrison
14:40 – 15:00	Hyperbaric chamber contamination and cleaning – Scott Murphy & Sherri Ferguson
15:00 – 15:30	Coffee / exhibits / posters
	Controversies in diving
15:30 – 16:00	Fitness to dive (pacemakers, cardiac & carotid stents, antidepressants, anti-coagulants ("blood thinners"), methadone treatment, marijuana and cocaine, psychiatric conditions, PFO, other conditions, questions submitted by registrants)
16:00 – 16:15	Omitted decompression (to treat or not to treat, that is the question)- TBD
16:15 – 16:45	Ask the experts / myths of diving panel
17:00 – 19:00	RECEPTION WITH CANADIAN UNDERWATER CONFERENCE AND EXHIBITION

Note: In order to get your CME hours for this meeting you need to complete an evaluation form at this link: <http://www.zoomerang.com/Survey/WEB22BCG8FXVCU>