

CUHMA 2021

VIRTUAL ANNUAL SCIENTIFIC MEETING

NOVEMBER 13-14, 2021

For more information and registration
go to www.cuhma.ca

Hyperbaric Oxygen Treatment
Medical Aspects of Diving



Faculty of leading experts from around the world

- HBOT treatment of COVID-19
- COVID-19 infection in offshore divers
- Return to diving and managing offshore emergencies
- Challenges in South Pacific diving
- In-water recompression
- The future of HBOT
- POCUS FOCUS: Ultrasound inside and outside the chamber
- Cardiopulmonary fitness for HBOT
- Fitness to work inside multiplace chambers
- Application process for Diploma in Clinical Hyperbaric Medicine and Diving Medicine
- Ultrasonic wound debridement
- Emerging indications for HBOT
- Disinfection of hyperbaric chambers
- Original research

**CUHMA 2021 virtual Annual Scientific Meeting
November 13-14, 2021**



Pacific Time				Time Zone
Time start	Time finish	Title and Description	Presenter	Location
Saturday				
6:45	7:00	Start up, test system, login available	Sherri Ferguson, MSc	
7:00	7:05	Welcome and introduction to day 1 by the CUHMA President	Rita Katznelson, MD, FRCPC	Toronto
		Clinical Hyperbaric Medicine: Emerging indications for HBOT	Ron Linden, BSc, MD, CCFP, MSM	Toronto
7:05	7:30	The future of HBOT - perspective of the UHMS President	Marc Robins, DO, MPH	Utah
7:30	8:00	Fibromyalgia	Rita Katznelson, MD, FRCPC	Toronto
8:00	8:15	Break		
8:15	8:45	Avascular necrosis of the femoral head	Gerardo Bosco, MD, PhD	Padova, Italy
8:45	9:15	Inflammatory bowel disease	Jeffrey McCurdy, MD, PhD,	Ottawa
9:15	9:30	Break		
9:30	10:00	COVID-19 treatment with HBOT	Sylvain Boet, MD, PhD	Ottawa
10:00	10:30	Panel discussion and questions		
10:30	10:45	Break		
		Diving Medicine 1: COVID-19 Pandemic	Mike Hatcher, MD, FRCPC	Ontario
10:45	11:15	COVID infections in Mumbai saturation divers	Ken LeDez, MB ChB, FRCPC, FUHM	St. John's, NL
11:15	11:45	COVID-19 offshore and keeping commercial diving going – DMAC	Philip Bryson, MD	U.K
11:45	12:15	Panel discussion and questions		
12:15	13:30	Meal Break and Annual General Meeting		
		Clinical Hyperbaric Medicine 2	Geoff Zbitnew, BSc, MD, FRCPC	St. John's, NL
13:30	14:00	Assessing cardiopulmonary fitness for HBOT	Simone Schiavo, MD, MSc	Toronto
14:00	14:30	Panel discussion and questions		
14:30	14:45	Application process for Royal College Diploma	Ken LeDez, MB ChB, FRCPC, FUHM	St. John's, NL
14:45	15:00	Panel discussion and questions		
15:00	15:15	Break		
15:15	16:15	Research and Case Presentations 1 (abstract)	Jay MacDonald, MD, MSc, PhD	Hamilton, Ont.
15:15	15:30	HBOT with Reduced Left Ventricular Ejection Fraction	Joelle Vincent, MD, PG-Y4	Quebec City
15:30	15:45	Normo/ Hypobaric Hypoxia on EEG Oscillations and Entropy	Evan Hutcheon, BsC, PhD candidate	Vancouver
15:45	16:00	HBOT for Neurologic Injury Following Spinal Surgery	Katherine Marseu, MD, FRCPC	Toronto
16:00	16:15	HBOT for Spinal Cord Ischemia after Aortic Surgery	Angela Lee, MD	Toronto
Time start Time finish Title and Description Presenter Location				
Sunday				
6:45	7:00	Start up, test system, login available	Sherri Ferguson, MSc	
7:00	7:05	Welcome and introduction to day 2 by the CUHMA President	Rita Katznelson, MD FRCPC	Toronto
		Clinical Hyperbaric Medicine 3	George Harpur, MD, FCFP	Tobermory, Ont.
7:05	7:30	Disinfection of the hyperbaric chambers: review of European standards	Jacek Kot, MD	Gdansk, Poland
7:30	8:00	Hyperbaric Oxygen for Frost Bite	Marie-Anne Magnan, MD	Geneva, Switzerland
8:15	8:30	Break		
8:30	9:00	Low frequency ultrasonic wound debridement	Ron Linden, BSc, MD, CCFP, MSM	Toronto
9:00	9:15	Panel discussion		
9:15	9:30	Break		
		Diving Medicine 2	Sherri Ferguson, MSc	
9:30	10:00	Arterial blood gases in an elite free diver	Simon Mitchell, MD, PhD	Auckland, NZ
10:00	10:30	Vancouver tunneling project - medical aspects	Neil McLean, MD	Vancouver
10:30	10:45	Break		
10:45	11:15	In-water recompression (aquaculture or remote locations?)	Peter Buzzacott, MPH PhD FUHM,	Perth, WA
11:15	11:30	Panel discussion		
11:30	12:30	Break		
		Clinical Hyperbaric Medicine & Diving Medicine Combined	Ken LeDez, MD, FRCPC, FUHM	
12:30	13:00	POCUS FOCUS: Ultrasound outside and inside the chamber	Geoff Zbitnew, BSc, MD, FRCPC	St. John's, NL
13:00	13:30	Ultrasound imaging for decompression sickness research	Virginie Papadopoulou, PhD	North Carolina
13:30	13:45	CSA requirements for workers in hyperbaric environment	Sherri Ferguson, Msc	Vancouver
13:45	14:00	Fitness for work inside multiplace hyperbaric chamber	Tony Alleman, MD	Memphis, TN
14:00	14:30	Panel discussion		
14:30	15:00	Break		
15:00	15:45	Research and Case Presentations 1 Abstracts (time includes 5 minutes for questions for each abstract)	Jay MacDonald MD, MSc, PhD	
15:00	15:15	Pulmonary imaging for risk stratification before HBOT	Shawn Khan, BHSc	Toronto
15:15	15:30	Prospective study of pulmonary function following HBOT	Connor T. A. Brenna, MD	Toronto
15:30	15:45	Mechanisms of coagulation factor XII in DCS)	Adele Khavari, PhD	Vancouver