



Programme

updated 23.7.2025

Tuesday Sept 2, 2025

8:00-9:00 Registration

Preconference Course

9:00-18:00 Advanced Diving Accident Life Support (ADALS) 1 & 2 Course

Chairs: Laura Tuominen and Timo Jama

Wednesday Sept 3, 2025

8:00-9:00 Registration

9:00-13:00 ADALS 3

Chairs: Laura Tuominen and Timo Jama

9:00-13:00 Workshop: Hyperbaric Safety Talks

Chair: Manuel Preto

9:00-9:20 *Registration and Welcome*

9:20-9:30 *Introduction of Workshop and Annual Congress by Angeliki Chandrinou*

9:30-9:50 *Hyperbaric Safety - the Future by Manuel Preto*

9:50-10:10 *Hyperbaric Fire Safety: How real is this issue and how to manage it? By François Burman*

10:10-10:30 *Technical issues by Peter Kronlund*

10:30-11:00 *Panel discussion*

11:00-11:30 *Coffee break*

11:00-11:20 *Clinical Safety of the IC patient in HBOT by Kari Keski-Saari*

11:20-11:40 *Hyperbaric Safety Blueprint by Elisabete Silva*

11:40-12:00 *IC patient during HBOT session -Risk factors for adverse events by Aneta Miszewska*

12:00-12:30 *Panel discussion*

12:30-12:40 *Closing session*

9:00-13:00 Workshop: Diving Medicine Cases

Chairs: Tomi Wuorimaa and Jouko Nurkkala

13:00-14:15 *Lunch*

14:15-16:00 Opening ceremony
Chair: Anne Räisänen-Sokolowski
Keynote 1: Underwater world in Finland by Pekka Tuuri, Sami Paakkari and Tommi Toivonen

16:00-16:30 *Coffee break*

16:30-18:00 **Scientific session 1: Bubbles and Decompression**

Chairs: Constantino Balestra and Richard Lundell

16:30-16:45 Bubble scenarios suggested by cluster analysis of 765 cases of DCS recorded in commercial diving by Imbert J-P et al.

16:45-17:00 To recompress, or not to recompress. That's the Hyperbaric Dilemma by Desola J et al

17:00-17:15 Measuring Whole-Body Inert Gas Uptake and Washout During Submersion by Plogmark O et al

17:15-17:30 Adapted Algorithms for Safe and Efficient Decompression in Extended Altitude Dives by Longbardi P et al

17:30-17:45 The Effect of Dyslipidemia on Endothelial Function During Scuba Dives by Ozgok Kangal m et al.

17:45-18:00 Discussion

19:30-21:00 **Welcome reception at Helsinki City Hall**

Thursday Sept 4; 2025

8:00-8:30 Registration

8:30-10:30 **Scientific Session 2: New Winds in Diving and Hyperbaric Medicine**

Chairs: Lesley Blogg

8:30-9:15 **Keynote 2:** Simon Mitchell: What's new in Diving and Hyperbaric Medicine?

9:15-9:30 The effects of HBO on the macro- and oligo-elements in the kidney and liver tissue by Nesovic Ostojic J et al.

9:30-9:45 Nubiss: A platform generating evidence for HBOT involving private investment, Patient Empowerment and Specialty Physicians by Cuntze F et al

9:45-10:00 Development of an evidence-based, collaborative, international interprofessional in situ hyperbaric medicine simulation curriculum by Boet S et al

10:00-10:15 Indications for Extended Hyperbaric Recompression Tables in Severe Cutis Marmorata with Neurological Impairment by Herrera C et al

10:15-10.30 Discussion

10:30-11:00 *Coffee Break*

11:00-12:30 **Scientific session 3: HBOT for Carbon Monoxide Poisoning**

Chairs: Bengusu Mirasoglu

11:00-11:15 Hyperbaric Oxygen Therapy for Multiple Acute Carbon Monoxide

- Poisonings During a Nationwide Blackout Response by Papoutsidakis E et al.
- 11:15-11:30 Atrial Fibrillation Secondary to Carbon Monoxide Poisoning: Resolution with Hyperbaric Oxygen Therapy by Taheri O et al
- 11:30-11:45 Orbital Emphysema and Risk of Compartment Syndrome during Hyperbaric Oxygen Therapy for Carbon Monoxide Poisoning by Taheri O et al
- 11:45-12:00 HBOT in Severe Carbon Monoxide Poisoning. A Ten-Years Experience from HBOT Facility in Oman by Alqartoobi H et al
- 12:00-12:15 The Comparison of Hyperbaric Oxygen Therapy Protocols Against Ischemia-Reperfusion Injury in Rats After Testicular Torsion by Ozgok Kangal M et al
- 12:15-12:30 Discussion
- 12:30-14:00 *Lunch and poster sessions/ECHM Meeting*
- 14:00-16:00 Scientific session 4: HBOT and Intensive Care**
Chairs: Riikka Takala
- 14:00-14:45 **Keynote 3:** Anders Kjellberg: Hyperbaric oxygen treatment in acute COVID- and ARDS- patients
- 14:45-15:00 Hemodynamic monitoring of patients with necrotizing soft tissue during treatment with hyperbaric oxygen by Arienkiel B et al
- 15:00-15:15 Lack of sedation in gas embolism patients: a risk of central nervous system oxygen toxicity? by Lewy C et al
- 15:15-15:30 Enhancing Emergency Preparedness in Hyperbaric Medicine through Simulation-Based Training by Giacomini C
- 15:30-15:45 Use of hyperbaric oxygen therapy in severe earthquake injuries by Demir L et al
- 15:45-16:00 Discussion
- 16:00-16:30 *Coffee break*
- 16:30-18:00 Scientific session 5: HBOT after Radiation Therapy, in ENT and infection indications**
Chairs: Anders Kjellberg and Jari Suvilehto
- 16:30-17:15 **Keynote 4:** Nicklas Oscarsson: Hyperbaric Oxygen after Radiation Therapy
- 17:15-17:30 Hyperbaric Oxygen for Idiopathic Sudden Sensorineural Hearing Loss, a preliminary update by Lin Z
- 17:30-17:45 Sudden Deafness treated with Hyperbaric Oxygen (SuDHO) – An ongoing multicentre RCT in Norway by Mueller B et al
- 17:45-18:00 HBOT for skin infections: literature review and synergy with antibiotics or novel medical devices by Longobardi P et al
- 18:00-18:15 Discussion

Friday Sept 5; 2025

- 8:00-8:30 Registration
- 8:30-10:30 Scientific Session 6: Cold Water and CCR Diving**
Chairs: Alessandro Marroni
- 8:30-9:15 **Keynote 5:** Neal Pollock: Cold Water Diving and Rebreathers
- 9:15-9:30 The Cardiac Changes During a Prolonged Diving Stress on a CCR Diving Expedition by Sokolowski S et al
- 9:30-9:45 The Effect of Extended Hyperoxic Environment on Lung Function and Myopization in Closed-Circuit Diving Expedition by Sokolowski S et al
- 9:45-10:00 Epidemiological assessment of technical diving accidents in France: a 15-year retrospective study by Gouin E et al
- 10:00-10:15 Cold Water and External Ear Canal Exostosis: Myth or Reality? by Sousa Telles S et al
- 10:15-10:30 Discussion
- 10:30-11:00 Coffee Break*
- 11:00-12:30 Scientific session 7: Diving and Gases**
Chairs: Xavier Vrijdag and Pieter-Jan van Ooji
- 11:00-11:15 Hypercapnia awareness training does not improve divers' ability to recognise hypercapnia during a simulated dive by Vrijdag X et al
- 11:15-11:30 Physiological response to hypoxia in awareness study by van Waart H et al
- 11:30-11:45 Oxy-Inflammation and neuroplasticity changes during surface-supplied bounce diving by Bosco G et al
- 11:45-12:00 Underwater forensic investigation of a diving fatality: evaluating the scope and limits of incident reconstruction by Rybarova V et al.
- 12:00-12:15 The effects of hyperbaric oxygenation on oxidative stress after acute physical activity exposure by Kovacevic S et al
- 12:15-12:30 Discussion
- 12:30-14:00 Lunch and poster sessions/EDTC Meeting*
- 14:00-16:00 Scientific session 8: Freediving 1**
Chairs: Evangelos Papoutsidakis
- 14:00-14:45 **Keynote 6:** Peter Lindholm: Freediving
- 14:45-15:00 Can a laboratory-based static apnea ramp test predict dynamic freediving desaturation? By Schagatay E et al
- 15:00-15:15 Dry Static Apnea Ramp Test to identify freedivers at risk of faster oxygen desaturation by Pernet F et al
- 15:15-15:30 Can Heart Rate Variability be an indicator of stress and recovery in repeated freediving? by Pernet F et al
- 15:30-15:45 Heart rate and oxygen saturation during a blackout in dynamic apnea: A case study by Mulder E et al
- 15:45-16:00 Discussion

16:00-16:30 *Coffee break*

16:30-18:00 Scientific session 9: Freediving 2

Chairs: Peter Lindholm and Richard Lundell

16:30-16:45 Self-test involving three-maximal apneas predicts sustainable serial diving time in beginner freedivers by Schagatay E et al

16:45-17:00 A platform for logging and real-time monitoring of physiological parameters of breath-hold divers by Binder M et al

17:00-17:15 Using Lactate in a Dynamic Apnea Ramp Test (DART) to Assess Performance in Trained Freedivers by Löfquist I et al

17:15-17:30 The 1:2 Pacing Strategy for Safe Repetitive Freediving: Assessing Oxygen Dynamics and Blackout Risk by Pernet F et al.

17:30-18:00 Discussion

14:00-17:00 EBAss General Assembly and BOD

19:00-23:30 Gala Dinner at Restaurant Sipuli

Saturday Sept 6; 2025

8:30-9:00 Registration

9:00-11:00 Scientific Session 10: Scientific Diving, Cold Water and Physical Activity

Chairs: Rodrique Pignel

9:00-9:45 **Keynote 7:** Edward Stockdale: Training of Scientific Divers for Polar Expeditions

9:45-10:00 A scoping review on the use of artificial intelligence (AI) applications in diving medicine Chow W et al

10:00-10:15 Acute Pulmonary Edema Related to aquatic activities: A Retrospective Analysis from a Diving Medicine Center by Garcia E et al

10:15-10:30 Within-diver variability in whole-body nitrogen elimination after identical diving and decompression conditions by De Ridder S et al.

10:30-10:45 Wound healing results of diabetic foot ulcers with HBOT: a longitudinal retrospective cohort study by Laliou R et al

10:45-11:00 Discussion

11:00-11:30 *Coffee break*

11:30-12:30 EUBS General Assembly

12:30 Closing the EUBS 2025 Annual Meeting

13:00-16:00 DAN Diver's Day ([separate registration](#) and programme)