

Mayo Clinic Diving and Hyperbaric Medicine 2023

Cozumel, Mexico

May 5-10, 2024

Sunday May 5, 2024

Agenda Time are Eastern Standard Time

4:00 PM	6:00 PM	Optional in-water check of dive equipment from the hotel shore
6:00 PM	9:00 PM	Registration, Welcome Reception, dive gear rental, dinner to follow

Monday May 6, 2024

7:00 AM	8:00 AM	Breakfast and Registration
Moderator: Klaus Torp, MD		
8:00 AM	8:15 AM	Introduction to Diving and Hyperbaric Medicine
8:15 AM	8:45 AM	Diving after dysrhythmia interventions
8:45 AM	8:15 AM	Diving after lung surgery
9:15 AM	9:45 AM	Treatment of TBI with hyperbaric oxygen
9:45 AM	10:15 AM	Diving after interventional radiology interventions
10:15 AM	10:30 AM	Break
10:30 AM	11:00 AM	Requirements for hyperbaric nursing
11:00 AM	11:30 AM	Adaptive diving for mentally handicapped divers
11:30 AM	12:00 AM	Common mistakes divers make
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to the boat
2:00 PM	3:00 PM	Air vs Nitrox workshop on bubble generation (no CME credit)
3:00 PM	4:00 PM	Workshop: Detection of bubbles after diving
4:00 PM	5:00 PM	Air vs Nitrox workshop on bubble generation (no CME credit)
5:00 PM	7:00 PM	Workshop: Detection of bubbles after diving
7:00 PM		Adjourn

Tuesday May 7, 2024		
7:00 AM	7:35 AM	Breakfast
7:35 AM	7:45 AM	Introduction
7:45 AM	8:15 AM	Pediatric patients in hyperbaric chambers
8:15 AM	8:45 AM	Diving for patients with chronic pain
8:45 AM	9:15 AM	Hyperbaric oxygen in brain cancer
9:15 AM	9:45 AM	In-water recompression
9:45 AM	10:00 AM	Break
10:00 AM	10:30 AM	Common failure types of hyperbaric chambers
10:30 AM	11:00 AM	Hyperbaric oxygen in ICU patients
11:00 AM	11:30 AM	Fitness for diving versus spaceflight
11:30 AM	12:00 PM	Hyperbaric oxygen for irradiated bowel (functional short bowel syndrome)
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to the boat
2:00 PM	3:00 PM	Exposure of air/nitrox mixtures at varying depths (no CME credit)
3:00 PM	4:00 PM	Workshop: Treating orthopedic injuries on the dive boat
4:00 PM	5:00 PM	Exposure of air/nitrox mixtures at varying depths (no CME credit)
5:00 PM		Adjourn

Wednesday May 8, 2024		
7:00 AM	7:35 AM	Breakfast
7:35 AM	7:45 AM	Introduction – Moderator
7:45 AM	7:15 AM	Air embolism in the IR suite
8:15 AM	8:45 AM	Seeing better under water
8:45 AM	9:15 AM	Hyperbaric oxygen treatment of eye strokes
9:15 AM	9:45 AM	Hyperbaric oxygen and cancer surgery
9:45 AM	10:00 AM	Break
10:00 AM	10:30AM	Updates in ACLS algorithms
10:30 AM	11:00AM	Medical support for underwater habitats
11:00 AM	11:30 AM	TBD

11:30 AM	12:00 PM	Decompression using exotic gases
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to the boat
2:00 PM	3:00 PM	Air vs Nitrox bubble generation (no CME credit)
3:00 PM	4:00 PM	In-water recompression
4:00 PM	5:00 PM	Air vs Nitrox bubble generation (no CME credit)
5:00 PM		Adjourn

Thursday May 9, 2024		
7:00 AM	7:35 AM	Breakfast
7:35 AM	7:45 AM	Introduction – Moderator
7:45 AM	8:15 AM	Clinical lab values in DCS. Helpful or not?
8:15 AM	8:45 AM	Population health of diving communities
8:45 AM	9:15 AM	Should divers undergo PFO closure to prevent future decompression illness
9:15 AM	9:45 AM	Fitness to dive consult for the cardiologist
9:45 AM	10:00 AM	Break
10:00 AM	10:30 AM	Diving after stroke
10:30 AM	11:00 AM	Diving after lung transplantation
11:00 AM	11:30 AM	Helicopter rescue at sea
11:30 AM	12:00 AM	Hyperbaric oxygen therapy for radiation cystitis
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to the boat
2:00 PM	3:00 PM	Identifying potentially dangerous marine life (no CME credit)
3:00 PM	4:00 PM	First aid after marine envenomation
4:00 PM	7:00 PM	Identifying potentially dangerous marine life (no CME credit)
7:00 PM		Farewell dinner
		Adjourn

Friday May 10, 2024		
7:00 AM	8:00 AM	Breakfast
8:00 AM	9:00 AM	Transfer to the boat
9:00 AM	10:00 AM	Air vs Nitrox workshop on bubble generation (no CME credit)

10:00 AM	11:00 AM	Ultrasound detection of bubbles after repetitive diving
11:00 Am	12:00 PM	Air vs Nitrox workshop on bubble generation (no CME credit)
12:00 PM	1:00 PM	Ultrasound detection of bubbles after repetitive diving
1:00 PM	2:30 PM	Lunch
Moderator: <i>Bennett Gruenbaum</i>		
2:30 PM	3:00 PM	The roles of the hyperbaric chamber safety director
3:00 PM	3:30 PM	Case reports of decompression illness
3:30 PM	4:30 PM	Return to diving after decompression sickness
4:30 PM	5:00 PM	Transfer to Hyperbaric chamber
5:00PM	6:00 PM	Practical operations and Logistical Concerns operating a hyperbaric chamber
6:00PM		Adjourn