

# Mayo Clinic Diving and Hyperbaric Medicine 2025

Cozumel Mexico

May 10 - May 16, 2025

Eastern Time Zone

Day 1		May 10, 2025
4:00 PM	6:00 PM	Optional in-water weight and equipment check of dive equipment from the hotel shore (no CME credit) <i>Neil Moores, Gary Toups, MD</i>
Day 2		May 11, 2025
4:00 PM	6:00 PM	Optional in-water weight and equipment check of dive equipment from the hotel shore (no CME credit) <i>Neil Moores, Gary Toups, MD</i>
6:00 PM	9:00 PM	Registration and welcome reception, dive gear rental, dinner to follow
Day 3		May 12, 2025
7:00 AM	8:00 AM	Registration & Breakfast
Moderator: Klaus Torp, MD		
8:00 AM	8:15 AM	Introduction to Mayo Clinic Diving and Hyperbaric Medicine 2025 <i>Klaus Torp, MD, Gary Toups, MD</i>
8:15 AM	8:45 AM	Diving medicine in remote African location Henrik Juht
8:45 AM	9:15 AM	Diving with neurological conditions Josephine Huang, MD
9:15 AM	9:45 AM	Point of care ultrasound to aid in the differential diagnosis of the injured diver <i>Qunitin Quinones, MD, PhD</i>
9:45 AM	10:15 AM	Diving after neurosurgical interventions <i>David Miller, MD</i>
10:15 AM	10:30 AM	Break

10:30 AM	11:00 AM	Hyperbaric nursing in multi and monoplace chambers <i>Nick Marosek, RN, ACHRN</i>
11:00 AM	11:30 AM	Fitness to dive for adaptive divers Jim Elliott (Diveheart)
11:30 AM	12:00 PM	Keeping ageing divers diving <i>Dan Orr</i>
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to Dive Boats
2:00 PM	3:00 PM	Air vs Nitrox in bubble generation (no CME credit)
3:00 PM	4:00 PM	Workshop: Portable ultrasound for the differential diagnosis of the injured diver <i>Courtney Scott, DO, Bennett Shapiro, MD, Christine Moshe, MD, Jordan Dutcher, MD</i>
4:00 PM	5:00 PM	Air vs Nitrox in bubble generation (no CME credit)
5:00 PM	6:00 PM	Workshop: Detection of bubbles after diving <i>Courtney Scott, DO, Bennett Shapiro, MD</i>
6:00 PM	6:00 PM	Adjourn
<b>Day 4</b>		<b>May 13, 2025</b>
7:00 AM	7:45 AM	Registration & Breakfast
Moderator: Bennett Shapiro, MD		
7:45 AM	8:15 AM	Risk of pulmonary embolism with recreational water activities <i>Charles Ritchie, MD</i>
8:15 AM	8:45 AM	Diving after spinal cord injury <i>Ian Brown</i>
8:45 AM	9:15 AM	Diving with urologic conditions Raymond Pak, MD, MBA Diving with Obstetric and gynecologic conditions Matthew Robertson, MD
9:15 AM	9:45 AM	Unusual cases in diving and hyperbaric medicine Gabriel Idrovo, MD
9:45 AM	10:00 AM	Break

10:00 AM	10:30 AM	Medical and logistical challenges of treating necrotizing fasciitis in a multiplace chamber <i>Elizabeth Lees, DO</i>
10:30 AM	11:00 AM	Controversies of hyperbaric treatment for long COVID syndrome <i>Benjamin Gruenbaum, MD, PhD</i>
11:00 AM	11:30 AM	Space Medicine and Dive Medicine Same but Different <i>Michael Harrison, MD, PhD</i>
11:30 AM	12:00 PM	Treating altitude sickness on the top of the mountain with hyperbaric oxygen Edgardo Leon de la Fuente, MD
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to Dive Boats
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 <i>Bennett Shapiro, MD; Luke Spencer-Gardner, MD</i>
4:00 PM	5:00 PM	Exposure of air/nitrox mixtures at varying depths (no CME credit)
5:30 PM	7:00 PM	Sip and Paint on the beach by Leydi (no CME credit. \$50 all supplies provided)
7:00 PM		Adjourn
<b>Day 5</b>		<b>May 14, 2025</b>
7:00 AM	7:45 AM	Registration & Breakfast
Moderator: <i>Eduardi Garcia, MD</i>		
7:45 AM	8:15 AM	Diving with diabetes <i>Courtney James, MD</i>
8:15 AM	8:45 AM	Comparative anatomy and physiology across different species under water <i>Michael Steward, MD</i>
8:45 AM	9:45 AM	AGE series in a large single center treatment facility <i>Wiaam Y. Elkhatib, MD</i>
9:45 AM	10:00 AM	Break
10:00 AM	10:30 AM	Updates in ACLS algorithms <i>Matt McMahan</i>

10:30 AM	11:00 AM	Assessment of lung disease in divers after COVID <i>Tathagat Narula, MBBS, MD</i>
11:00 AM	11:30 AM	Hyperbaric oxygen for avascular necrosis <i>Robert Sanders</i>
11:30 AM	12:00 PM	Update on swimming induced pulmonary edema <i>Richard Moon, MD</i>
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to Dive Boats
2:00 PM	3:00 PM	Air vs Nitrox bubble generation (no CME credit)
3:00 PM	4:00 PM	Workshop: Unconscious diver rescue from the surface <i>Cesar Zepeda</i>
4:00 PM	5:00 PM	Air vs Nitrox bubble generation (no CME credit)
6:30 PM		Optional identification of dangerous marine life in the dark. Timing subject to change. (no CME credit)
		Adjourn for the day
<b>Day 6</b>		<b>May 15, 2025</b>
7:00 AM	7:45 AM	Registration & Breakfast
Moderator: Benjamin Gruenbaum, MD, PhD		
7:45 AM	8:15 AM	Challenging cases of decompression illness <i>Eduardi Garcia, MD</i>
8:15 AM	8:45 AM	Pathophysiology of decompression illness <i>Ernesto Cuauhtemoc Sanchez</i>
8:45 AM	9:15 AM	Diving with valvular heart disease <i>Peter Pollack, MD</i>
9:15 AM	9:45 AM	Individualized cardiovascular risk factor assessment for divers <i>Peter Pollack, MD</i>
9:45 AM	10:00 AM	Break
10:00 AM	10:30 AM	Radiological Cardiac Assessment of Divers <i>Patricia Mergo, MD</i>

10:30 AM	11:00 AM	Diving in cold water environment <i>Gary Toups, MD</i>
11:00 AM	11:30 AM	Late effects of radiation therapy <i>Jay Adusumalli, MBBS, MPH</i>
11:30 AM	12:00 PM	Diving with obstetric and gynecologic conditions <i>Matthew Robertson, MD</i>
12:00 PM	1:00 PM	Lunch on your own
1:00 PM	2:00 PM	Transfer to Dive Boats
2:00 PM	3:00 PM	Identifying potentially dangerous marine life (no CME credit)
3:00 PM	4:00 PM	Workshop : First aid after diving <i>Leslie Simon, DO, Kristin Kris Neil, Brittany Beel, MD</i>
4:00 PM	5:00 PM	Identifying potentially dangerous marine life (no CME credit)
7:00 PM	9:00 PM	Farewell dinner at the beach club
9:00 PM		Adjourn for the day
<b>Day 7</b>		<b>May 16, 2025</b>
7:00 AM	8:00 AM	Registration & Breakfast
8:00 AM	9:00 AM	Transfer to Dive Boats
9:00 AM	10:00 AM	Air vs Nitrox workshop on bubble generation (no CME credit)
10:00 AM	11:00 AM	Workshop: Ultrasound detection of volume status <i>Courtney Scott, DO, Bennett Shapiro, MD</i>
11:00 AM	12:00 PM	Air vs Nitrox workshop on bubble generation (no CME credit)
12:00 PM	1:00 PM	Workshop: Ultrasound detection of volume status <i>Courtney Scott, DO, Bennett Shapiro, MD</i>
1:00 PM	2:30 PM	Lunch
Moderator: <i>Benjamin Gruenbaum, MD, PhD</i>		
2:30 PM	3:00 PM	Safety consideration for mono and multiplace chambers <i>Andrew Melnychenko, CHT</i>

3:00 PM	3:30 PM	Remote management of decompression sickness Dario Gomez, M.D.
3:30 PM	4:00 PM	Cardiovascular fluid perturbation after recreational diving <i>Jordan Dutcher, MD; Qunintin Quinones, MD, Emilia Franco Ramirez, MD</i>
4:30 PM	5:00 PM	Walk to Hyperbaric Chamber
5:00 PM	6:00 PM	Practical operations and Logistical Concerns operating a hyperbaric chamber <i>Klaus Torp, MD; Eduardo Garcia, MD; Paola Galicia Diaz</i>
6:00 PM		Adjourn