



Medicine of Diving

Plaza Resort Bonaire / Bonaire, Netherlands Antilles / January 30 - February 6, 2010

Course Description

Medicine of Diving is a 23-hour CME activity located at The Plaza Resort on Bonaire in the Netherlands Antilles. Bonaire is one of the most popular dive destinations. It offers consistently good diving at over 80 dive sites on well-preserved reefs. Diving is with TOUCAN DIVERS where the dive boats are reserved exclusively for our group. Our hotel is the PLAZA RESORT, located on twelve landscaped acres with a gorgeous long white sand beach. The *Medicine of Diving* course will allow you the opportunity for an excellent CME program while on a relaxing dive vacation.

Participants should arrive in Bonaire on Saturday (January 30). Upon arrival participants will check in and have a special registration to set up the diving program. Sunday through Thursday you will have academic activities each morning and two tank boat dives each afternoon. On Friday, you will have a one tank boat dive in the morning and course completion and exam in the afternoon. This is to allow plenty of time between your last dive and the departure flight.

Breakfast will be provided each morning (Sunday-Saturday) and lunch will be provided (Sunday-Friday), as part of your package. On Sunday evening, you are invited to mingle and meet the other participants and faculty at the Welcome Cocktail Party and dinner. On Friday, we will gather as a group one last time for our Farewell Cocktail Party and dinner.

Objectives

The popularity of recreational scuba diving is increasing. This has resulted in a corresponding increase in scuba diving accidents and a need for physician consultation in support of recreational divers. The Medicine of Diving course is designed to give physicians, especially those physicians who dive, a background in the unique aspects of diving medicine, the treatment of medical diving emergencies and the tools to evaluate a diver's fitness to dive.

At the completion of the *Medicine of Diving* activity, participants should be able to:

- Make a medical assessment of fitness to dive;
- Recognize & treat cardiovascular emergencies in divers;
- Recognize & treat common sports injuries seen at diving locations;
- Recognize & treat unique diving accidents in emergency situations;
- Have the knowledge to serve as a medical consultant to local dive groups.

Faculty

The faculty was specifically chosen because of their expertise in meeting the goals of this course.



Douglas Ebersole, MD, FACC
Invasive/Interventional Cardiologist
Watson Clinic in Lakeland, Florida
Director of the Cardiac Catheterization Laboratories
Lakeland Regional Medical Center in Lakeland, Florida



Scott D. Flinn, MD, Captain, US Navy
Force Surgeon, Commander, Naval Surface Forces
San Diego, CA
Clinical Faculty Sports Medicine Fellowship, UC San Diego & Naval Hosp Camp Pendleton, San Diego, CA



Paul J. Sheffield, PhD, CAsP, CHT
President and CME Program Director
International ATMO, Inc
San Antonio, Texas

Who Should Attend

This clinical course in diving medicine is designed for physicians of all specialties who have an interest in undersea medicine.

Topics

Day 1: Preparing for Safe Diving

- Introduction (P Sheffield)
- Ears - The Achilles Heel of Diving (D Ebersole)
- Seasickness: Drugs & Other Devices (S Flinn)
- Practical Diving Safety (P Sheffield)
- Diving Procedures (P Sheffield & Toucan Divers)

Day 2: Diving Physiology

- Bubble and Decompression Theory (P Sheffield)
- Decompression Sickness: What Divers Need to Know (D Ebersole)
- Barotraumas (other than ears) (S Flinn)
- Breath-hold Diving (S Flinn)

Day 3: Injuries and Diving

- Oxygen Toxicity/ Nitrogen Narcosis (P Sheffield)
- Controversies in Diving - Asthma and Diabetes (D Ebersole)
- Treatment of Injuries from Hazardous Marine Life (D Ebersole)
- Diagnosis and Field Care of Common Sports Injuries (S Flinn)

Day 4: Diving in Special Environments

- Night/Cave Dives and Underwater Photography (D Ebersole)
- Deep Dives: Medical Concerns in Technical Diving (D Ebersole)
- Work Dives: Hazards and Medical Concerns (S Flinn)
- Chamber Dives: Safety Issues in Treatment of Divers (P Sheffield)

Day 5: Fitness for Diving

- Diver Fatalities & Injuries: A Focus on Prevention (P Sheffield)
- Fitness for Diving (S Flinn)
- Coronary Artery Disease and Fitness to Dive? (D Ebersole)
- Return to Dive After Injury (S Flinn)

Day 6: Putting It All Together

- Case Studies (Faculty)
- Final Examination (Faculty)
- Exam Review/ Critique (Faculty)

Continuing Medical Education

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Undersea & Hyperbaric Medical Society (UHMS) and International ATMO, Inc. dba Medical Seminars, Inc. The UHMS is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement

The UHMS designates this educational activity for a maximum of 23 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Approved by the American College of Emergency Physicians for a maximum of 23 hours of ACEP Category I credit.

The program had been reviewed and is acceptable for 21.75 Prescribed credits by American Academy of Family Physicians.

Full Disclosure Statement

All faculty members and planners participating in continuing medical education activities sponsored by Medical Seminars Inc. are expected to disclose to the participants any relevant financial relationships with commercial interests. Full disclosure of faculty and planner relevant financial relationships will be made at the activity.

Location & Accommodations

Welcome to Bonaire, or, as they say in Papiamentu , Bon Bini!

Bonaire is a small island located in the southern Caribbean 30 miles from Curacao; 50 miles north of Venezuela and 86 miles east of Aruba, outside of the Caribbean hurricane belt. This climate is a yearly average temperature is 82°F; water temperature of 80°F; Sunny, all year round.

The Plaza is a Five Star Resort that sprawls over 12 acres of beautiful landscaped grounds. The white sand beach stretches along the property which is enhanced by thousands of tropical plants through the resort. Amenities include a large pool, lighted tennis courts, beach volleyball area, casino, boutique and a state of the art dive operation.

All rooms are spacious suites with two queen beds, air conditioning, cable color TV, mini refrigerator, private patio or balcony and direct dial phone. Bathrooms are large with double vanity sinks, tub/shower, hairdryer and bathrobes. You have your choice of a Standard Suite with either a laguna view or a partial ocean view, or a Grand Suite Oceanview, which is slightly larger with the best ocean view at the resort.

Plaza Resort Bonaire

J.A. Abraham Boulevard 80
Kralendijk, Bonaire, Netherlands Antilles
Tel: +599 717 2500 / Fax: +599 717 7133

Travel & Airlines

Participants are responsible for organizing their own travel. The following airlines offer service to Bonaire:

American Airlines via San Juan to Bonaire
Continental Airlines via Houston or Newark to Bonaire

Please check here for airline information:
<http://www.infobonaire.com/airlineinfo.html>

For assistance with travel you may contact:

Michele Spinale / Air Department Travel Marketing
Phone 1-800-766-6016
Email micheles@travelmarketing.com

You may also contact your travel agent or book online. Because our seminar is held in February, the most popular time in the Caribbean, THESE FLIGHTS SELL OUT QUICKLY. For best schedule options and airfare, please book as soon as possible.

****ALL TRAVELERS MUST HAVE A VALID PASSPORT****

For More Information Contact



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Website: www.medsem.com

Price Information

Standard Suite	Double Occupancy	Single Occupancy
Non-Diver	\$1350 / each occupant	\$2200
Diver (11 dives)	\$1750 / each occupant	\$2600
Diver (6 dives)	\$1679 / each occupant	\$2523

Grand Suite Oceanfront	Double Occupancy	Single Occupancy
Non-Diver	\$1450 / each occupant	\$2400
Diver (11 dives)	\$1850 / each occupant	\$2800
Diver (6 dives)	\$1778 / each occupant	\$2720

Seminar		
Seminar Fee	\$650	

Price Includes:

- Room for seven nights
- Seven full breakfasts
- Six lunches
- Two dinners
- 15% room service charge and tax
- 5% meal service charge and tax
- Safety deposit box
- Roundtrip transfers airport to hotel
- Welcome Reception
- Farewell Reception
- Gratuities to porters

Diver Price Includes:

- Diving
- Unlimited shore dives - day and night
- FREE Nitrox 32% (for certified Nitrox divers)
- Tanks, weights, & belts
- Bonaire Marine Park tax: \$25.00
- 5% Government tax
- Gratuities to dive guides

Price **DOES NOT** include airfare, five dinners, boat night dive, bar bill, or \$32.00 departure tax.

Meals

All breakfasts and lunches are included, plus two dinners at The Plaza, allowing you additional nights to sample some of Bonaire's charming restaurants, several of which are within walking distance.

Scuba Diving

Bonaire is one of the world's top diving destinations. With over 80 dive sites, there is an abundance of sea life including more than 500 species of fish and 120 kinds of coral on some of the world's best preserved reefs.

Snorkelers will enjoy "18th Palm" reef located a short swim from the beach.

The diving program is under the direction of Toucan Divers, an on-site Five Star PADI and NAUI certified dive center. Dive boats have been reserved exclusively for our group. Toucan Divers offers Nitrox free of charge to all Nitrox certified guests. In order to dive on this program you must be a certified diver. Medical Seminars, Inc. assumes no responsibility or liability for the diving activities.

There will be six days of diving including a two-tank boat dive each day except for Friday which is a one-tank dive. A night dive is not included, but may be easily arranged upon arrival.

The diving program is coordinated with our academic program. You **DO NOT** have to participate in the diving program to attend the academic program.

You are responsible for your own diving safety you will be asked to sign a form stating you are medically and physically fit to dive.

Scuba Certification Course

For those not certified, this provides an excellent opportunity to earn your certification card in one week under direction of Toucan Divers. Cost is Non-diver Price plus \$395.00. Includes all equipment, text, service charge and 5% tax.

