



## Course Information

This seven-day course in Diving Medicine is open to everyone, but is an exciting and opportune way for physicians, nurses and health professionals to earn continuing medical education credits while on a live aboard in the exotic Revillagigedo Archipelago, Mexico (known as the Mexican Galapagos).

The goal of the course is to provide a comprehensive overview of diving medicine and provide the participant with the tools necessary to understand:

- how the undersea environment affects divers
- the evaluation of diving related injuries,
- and the management of these conditions.

## Course Location

The course is held aboard the Nautilus Explorer which will be traveling to the Revillagigedo Archipelago, a pristine marine wilderness located 216 miles southwest of Cabo San Lucas. These 4 islands are of volcanic origin. The largest island in the chain is Socorro, which is uninhabited except for a small Naval base. The diving here is famous for extraordinary interactions with gentle giant manta rays, with which you can anticipate having numerous close encounters. The area is teeming with life. You can expect to see a myriad of fish as well as whitetip, silky, dusky, galapagos and hammerhead sharks, eels, octopus, jacks and scorpion fish. Vast numbers of marine birds nest around the islands, giant sea turtles lay their eggs on sandy beaches and sea lions hang out on the rocky shorelines. Humpback whales and calves reside in this area during our early spring diving.

Please go to [www.nautilusexplorer.com](http://www.nautilusexplorer.com) for **MUCH** more information about the ship facilities and dive locations.

LONG BEACH MEMORIAL MEDICAL CENTER  
DEPARTMENT OF HYPERBARIC MEDICINE  
2801 ATLANTIC AVE.  
LONG BEACH, CA 90806



# “Dive Away”



## Live Aboard DIVING MEDICINE CME Conference Socorro Island, Mexico

**April 22-30, 2006**



Jointly Sponsored with the Undersea and  
Hyperbaric Medical Society





## Curriculum

### I. BACKGROUND

- The History of Diving
- The Physics of Diving
- Physiological Responses to the Underwater Environment
- Air Decompression Tables Workshop
- Decompression Theory

### II. SURFACE/ENVIRONMENT ISSUES

- Panic
- Blackout/Apneic Diving
- Marine Animal Injuries & Envenomation
- Thermal

### III. DESCENT ISSUES

- ENT Aspects of Diving
- Non-Pulmonary Barotrauma
- Thoracic Squeeze

### IV. BOTTOM ISSUES

- Nitrogen Narcosis
- Oxygen Toxicity
- Anoxia/Hypoxia
- Carbon Dioxide Toxicity
- CO Poisoning

### V. ASCENT ISSUES

- Extra-alveolar Gas Problems
- Decompression Sickness
- In-water Recompression

### VI. DROWNING/NEAR DROWNING

### VII. FITNESS TO DIVE

- Medical Considerations
- Age Considerations
- History of Diving Injuries
- Accident Analysis
- Scientific Diving

### VIII. SPECIAL FEATURES

- Diving in Entertainment and the Media
- Technical Diving
- Rebreather Diving
- Liquid Breathing
- Cave Diving
- Antarctic Diving
- New Developments in Diving Technology
- Divers' First Aid /Medical Kits

## Faculty

**Alan Lewis, MD** - Course Director  
 Long Beach Memorial Medical Center  
 Long Beach, CA  
 Emergency Medicine  
 Undersea and Hyperbaric Medicine

**Michael Strauss, MD** - Medical Director,  
 Department of Hyperbaric Medicine  
 Long Beach Memorial Medical Center  
 Long Beach, CA  
 Orthopaedic Surgery  
 Undersea and Hyperbaric Medicine  
 Author of *Diving Science*

**Jeff Bozanic, PhD** -Executive Director,  
 Island Caves Research Center.  
 Huntington Beach, CA  
 Editor/reviewer of multiple diving textbooks.  
 Author of *Mastering Rebreathers*

**Stuart Miller, MD**  
 Long Beach Memorial Medical Center  
 Long Beach, CA  
 Emergency Medicine  
 Undersea and Hyperbaric Medicine

## Disclosure

All faculty participating in continuing medical education programs sponsored by the Undersea and Hyperbaric Medical Society are expected to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation(s). Full disclosure of faculty relationships will be made at the program.

## Accreditation

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 Long Beach Memorial Medical Center (LBMMC). The UHMS is accredited by the ACCME to provide continuing medical education for physicians. The UHMS designates this activity for a maximum of 24 category I credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.



## Course Enrollment

- Fill out and mail or fax the accompanying "Live Aboard Diving Medicine CME Conference Reservation Form"
- Make checks payable to Next Generation Services, Inc.
- Executive Suite (double occupancy) - \$2,750 \*
- Stateroom (double occupancy) - \$2,400 \*  
 \* per person (includes boat fees, meals, diving, aluminum tanks, weight belts, use of sea kayaks and laser sailboat, daily room service, trip memorabilia, non-alcoholic beverages, etc..)
- CME Course Fee \$600 (\$700 after Jan 31, 2006)
- Fee for non-course attendees - \$200
- \$100 Discount for attendees who pay via cash or check

For additional questions:

CALL (562)-933-6950 OR

email: [drbabar77@gmail.com](mailto:drbabar77@gmail.com)

9 day / 8 night trip. 5 DIVE DAYS with sharks, mantas and loads of fish. Spectacular topside scenery and likely encounters with dolphins and whales.

Boarding	Disembark
Sat, April 22 4:00 PM	Sun, April 30 9:00 AM

### SAMPLE ITINERARY:

Fly into Cabo San Lucas on Saturday with optional airport "meet and greet and transfer" to the Nautilus for departure for San Benedicto Island. CME Course is taught during full day travel to and from the dive site and on some evenings at the dive site. Monday through Friday are full dive days with 4 feature dives on most days and some evening educational material. Friday evening departure back to Cabo San Lucas. Fly home anytime on Sunday (not included: airfare, port fee of USD65, optional transfers, crew gratuities, nitrox and gift shop purchases).

