



See inside for more details.

61st Diving and Hyperbaric Medicine Course

October 27 - November 3, 2007
Anse Chastanet Resort
St. Lucia, West Indies

Non-Profit Org.
U.S. Postage
PAID
Durham, NC
Permit No. 60

DIVERS ALERT NETWORK



61st Diving and Hyperbaric Medicine Course

October 27 - November 3, 2007

*Anse Chastanet Resort
St. Lucia, West Indies*

Jointly sponsored by the
Undersea and Hyperbaric Medical Society



COURSE DESCRIPTION and OBJECTIVES

This six-day course is designed primarily for physicians, emergency medical personnel, paramedics and nurses, but instructors, dive masters and other non-medical dive related personnel might also find the course of value. The curriculum will provide an evidence-based foundation in the core concepts of diving and hyperbaric medicine. The course will provide opportunity for the Divers Alert Network (DAN) Preferred Provider Network (PPN) and referral clinicians to update their knowledge and skills in medical management of diving injuries and allow a forum for discussion of diving related and hyperbaric medical problems.

At the end of this course, attendees should:

- Be informed about: diving history, physiological barriers of diving and the Divers Alert Network; hyperbaric chamber safety; practice-based clinical research;
- Have a better understanding of: the mechanisms, diagnosis, treatment and new developments in decompression illness (DCI); pulmonary edema of divers; the physiology of metabolic gases; carbon monoxide poisoning; breath-hold diving;
- Enhance technical expertise on: deep diving and high pressure nervous syndrome (HPNS); long-term effects of diving;
- Be able to employ in clinical practice a newly formulated understanding of the neurological complications of scuba diving; patent foramen ovale (PFO) and diving;
- Be familiar with marine toxins and venoms, and their implications for aquatic injuries;
- Be able to evaluate: patients' fitness to dive; the effects of asthma and diving;
- Be able to describe and discuss case histories of: motion sickness, inner ear barotraumas (IEBT), perilymph fistula, inner ear decompression sickness (IEDCS);
- Bring to their patients and accident victims an updated perspective for better treatment.

This course will go beyond the usual dive medicine topics to discuss hyperbaric medicine and include:

- Basic science
- Cases with application from the emergency room perspective
- Applications to cancer therapy
- Off label hyperbaric medicine
- Neurological applications

All sessions will provide excellent opportunity for faculty-participant interaction.

DISCLAIMER

The information provided at this CME activity is for continuing medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition.

FACULTY

PETER B. BENNETT, Ph.D., D.Sc. – Executive Director, Undersea and Hyperbaric Medical Society; Founder and Past President, Divers Alert Network; Chairman Emeritus International DAN; Emeritus Professor, Anesthesiology, Duke University Medical Center, Durham, NC

MARTHA CARRAWAY, M.D. – Assistant Professor, Medicine/Pulmonology, Department of Medicine, Duke University Medical Center, Durham, NC

JOHN J. FREIBERGER, M.D., M.P.H. – Course Director, Medical Consultant, Divers Alert Network; Assistant Professor, Anesthesiology, Duke University Medical Center, Durham, NC

NEAL HAMPSON, M.D. – Past President, Undersea and Hyperbaric Medical Society; Director, Center for Hyperbaric Medicine; Head, Section of Pulmonary and Critical Care Medicine, Virginia Mason Medical Center; Clinical Professor of Medicine, University of Washington School of Medicine, Seattle, WA

HERBERT NEWTON, M.D. – Professor of Neurology; Director, Division of Neuro-Oncology; Esther Dardinger Chair in Neuro-Oncology; Co-Director, Dardinger Neuro-Oncology Center, Ohio State University Medical Center, James Cancer Hospital & Solove Research Institute, Columbus, OH

COURSE COORDINATOR – Cindi Easterling, M.Ed.; Vice President of CME and Special Services, Divers Alert Network, Durham, NC

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 the Divers Alert Network (DAN). The UHMS is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Undersea and Hyperbaric Medical Society (UHMS) designates this educational activity for a maximum of 24 AMA PRA Category 1 credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Continuing education credit for nurses is being requested.

DISCLOSURE STATEMENT

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.

SPECIAL NEEDS STATEMENT

The Divers Alert Network is committed to making its activities accessible to all individuals. If you are in need of an accommodation, please do not hesitate to call and/or submit a description of your needs in writing in order to receive service.

61st Diving and Hyperbaric
Medicine Course

October 27 – November 3, 2007
Anse Chastanet Resort
St. Lucia, West Indies

DAN CME
Duke University Medical Center
Box 3927
Durham, NC 27710

COURSE & HOTEL REGISTRATION FORM

61st Diving and Hyperbaric Medicine Course

October 27 - November 3, 2007

(Please print or type)

Name: Last First MI

Degree(s) Specialty

Name(s) of Person(s) Traveling with You:

Home Address: (No P.O. Box Addresses)

City State Zip Code

Telephone Home Business

FAX E-Mail

I am a DAN Member. If not, you are encouraged to join and obtain DAN insurance prior to the course

!We will be:

Arriving St. Lucia -Airport: Date: Airline & Flight # Time:

Departing St. Lucia-Airport: Date: Airline & Flight # Time:

Course Registrant Shirt Size:
Medium Large Extra Large XXL

Indicate desired options and fill in total:

Course: \$650./person (\$750. after August 1, 2007) \$ _____

For guests of DAN-Anse Chastanet Resort package

\$850./person for course registrants not in DAN package (No group diving) \$ _____

Room requested:

_____ **Superior: Diver** Double \$3,688./2 persons Single \$2,679.

_____ **Non-Diver** \$3,236./2 persons \$2,448.

_____ **Beachside Dlx: Diver** \$4,188./2 persons \$2,824.

_____ **Non-Diver** \$3,726./2 persons \$2,593.

_____ **Hillside Dlx: Diver** \$4,608./2 persons \$3,034.

_____ **Non-Diver** \$4,146./2 persons \$2,803.

_____ **Premium: Diver** \$4,998./2 persons \$3,244.

_____ **Non-Diver** \$4,566./2 persons \$3,013.

Surcharges:

_____Jade Mountain Infinity Pool: \$165./person/day # persons _____ \$ _____

_____Jade Mountain Jacuzzi Tub: \$110./person/day # persons _____ \$ _____

_____Helicopter: UVF \$135./person/trip # persons _____ # trips _____ \$ _____

_____SLU \$150./person/trip # persons _____ # trips _____ \$ _____

_____ **Grand Total** \$ _____

Make check payable to: **DAN CME**

Mail check and registration form to: CME - Divers Alert Network
6 West Colony Place
Durham, NC 27705

Or fax credit card information with registration form to: (919) 493-3456

For Credit Card Payment - **MasterCard, VISA, American Express and Discover cards accepted.**

Credit Card Type _____ Account# _____

V-Code (3 digit # on back of card) _____

Issued in Name of _____ Exp. Date _____

Signature _____ Date _____

Please process my balance due to the above credit card on September 1, 2007.

_____ Signature

Please fill out this form, cut along dotted line and mail or FAX back to us. Thank You.

TRAVEL RESERVATIONS

61st DAN Course – St. Lucia, West Indies

October 27 - November 3, 2007

Travel reservations to either airport on St. Lucia may be handled by Paul Ducey:

paul@travelxperts.com By telephone - Call Horizon Travel at (800) 672-5737 or (919) 493-8456.

By fax to Horizon Travel (919) 846-0647

Name: Last First MI

Name(s) of Person(s) Traveling with You

Home Address:

City State Zip Code

Telephone: Home Business

Please confirm flights from (origin city) _____ to St. Lucia

on (date) _____ and return to origin city on (date) _____.

AGENDA

Sunday, October 28th

07:30 am	Course Check-In	<i>Easterling</i>
08:00	Welcome	<i>Freiberger</i>
08:10	Diving History, Physiological Barriers and the Divers Alert Network	<i>Bennett</i>
09:00	Con't.	<i>Bennett</i>
10:00	Decompression Illness I: Mechanisms and Diagnosis	<i>Freiberger</i>
11:00	Decompression Illness II: Treatment and New Developments	<i>Freiberger</i>
11:45	Introduction to Diving	<i>Scuba St. Lucia</i>
12:00	Lunch/Diving	

Monday, October 29th

08:00 am	Neurological Complications of Scuba Diving	<i>Newton</i>
09:00	Diving Limits and High Pressure Nervous Syndrome (HPNS)	<i>Bennett</i>
10:00	Pulmonary Edema of Divers	<i>Hampson</i>
11:00	Case Histories: Motion Sickness, IEFT, Perilymph Fistula, IEDCS)	<i>Carraway</i>
12:00	Lunch/Diving	

Tuesday, October 30th

08:00 am	Fitness to Dive	<i>Freiberger</i>
09:00	Asthma and Diving	<i>Carraway</i>
10:00	Long-Term Health Effects of Diving	<i>Bennett</i>
11:00	PFO and Diving	<i>Newton</i>
12:00	Lunch/Diving	

Wednesday, October 31st

08:00 am	Basic Science of HBO	<i>Carraway</i>
09:00	Hyperbaric Medicine: Is There Really Any Evidence?	<i>Hampson</i>
10:00	Cases: Applications of HBO from the Emergency Room Perspective	<i>Newton</i>
11:00	Case Histories	<i>Carraway</i>
12:00	Lunch/Diving	

Thursday, November 1st

08:00 am	HBO Applications to Cancer Therapy	<i>Newton</i>
09:00	Carbon Monoxide Poisoning	<i>Hampson</i>
10:00	HBO Off-Label	<i>Carraway</i>
11:00	Dangerous Marine Animals	<i>Freiberger</i>
12:00	Lunch/Diving	

Friday, November 2nd

2:00 pm	Breath-Hold Diving	<i>Freiberger</i>
3:00	Neurological Applications of HBO	<i>Newton</i>
4:00	Hyperbaric Chamber Safety	<i>Hampson</i>
5:00	Case Histories	<i>Hampson</i>
6:00	Adjourn	
6:30	Farewell Reception	

COURSE ENROLLMENT

Early enrollment is encouraged according to the following schedule:

■ Make checks payable to **DAN CME**

■ \$650./person for DAN-Anse Chastanet Resort package guests sent with registration form prior to July 25, 2007. After July 25th, course fee increases to \$750. /person.

Includes: Course materials, CME credit, course shirt, and special farewell reception

Final payment due September 1, 2007.

■ \$850. /person course fee for those not staying in the **DAN-Anse Chastanet Resort package.**

CANCELLATION AND REFUNDS

In the event that sufficient persons are not secured for the course, the right is reserved to cancel the operation of this trip and the refund of course or diving fee monies will release Divers Alert Network of any further obligation. The Divers Alert Network is not responsible for any cancellation or travel itinerary change fees assessed by the hotel, airlines or travel agents.

Hotel and course cancellations are handled directly through DAN Continuing Medical Education. Reservation cancellations after September 1st are subject to a penalty equal to (20) percent of the total cost of the package. Course and hotel payments will not be refunded for cancellation made after October 1, 2007 or in the event of non-notification of cancellation prior to the start of the Course. A \$100.00 administrative fee prevails for all cancellations.

RESPONSIBILITY AND LIABILITY

■ A valid US passport for each group member is required. Divers Alert Network is not responsible if other identification is used.

■ Baggage and personal effects are at "owner's risk" throughout the trip unless insured. Baggage insurance is strongly recommended.

■ The Divers Alert Network is acting as an agent for suppliers selling services, and therefore is not responsible for any intentional or careless actions or omissions on the part of such suppliers which result in any loss, damage, delay or injury to you or your travel companions or group members.

■ The Divers Alert Network assumes no liability or responsibility for the diving program. Each diver is responsible for his/her own safety and does hereby hold the aforementioned harmless from and against any and all claims and damages of every kind for injury to or death of any person or persons and for damages to or loss of property which arises as a result of the negligent acts of the diving service and the equipment supplied by them. Consent to the above conditions will be indicated by payment and participation in the diving program. The Course Director reserves the right to reject applicants for any reason.

FOR FURTHER COURSE OR HOTEL INFORMATION

Contact: DAN CME - Telephone: (800) 446-2671 or (919) 684-2948, Ext. 610. FAX (919) 493-3456.

E-mail: ceasterling@dan.duke.edu

LOCATION

St. Lucia has been the focus of long and hard battles by the British and French. This is not surprising, for this beautiful island is one of the Caribbean's most stunning combinations of palm lined beaches and natural tropical scenery. The volcanic peaks of St. Lucia's 3,000 ft. mountains lean shoulder to shoulder for most of the island, their most famous landmark being the twin sugar-loaf peaks of the Pitons, dropping a full half-mile into the delicate blue ocean below abundant with flora and fish of majestic colors.

Anse Chastanet (pronounced ants-shas-tin-ay) is in a romantic resort setting near the famous twin Piton Mountains, and 1.5 miles from the picturesque town of Soufrière. Nestled within a tropical 400 acre estate, the hotel is located partly on a lush hillside, and partly in a cozy valley with one of the nicest natural beaches on the island. A second beach, Anse Mamin, is within walking distance or a short trip by boat. There are many activities offered, including snorkeling, scuba diving, tennis, mini-sailing, windsurfing or a nature walk among the ruins of a colonial plantation. The adventure center also has activities for non-divers - Jungle Biking and Kool Kayaking.

With the resort's lee side location, there are always favorable diving conditions as close as 50 feet from the shoreline. The reef adjacent to the resort provides an abundance of fish and even some marine life uncommon throughout the rest of the Caribbean.

Two restaurants, one bar, two boutiques, tennis courts, PADI 4 Star scuba diving, and water sports complement the 49 uniquely designed hillside or garden beachside rooms. All rooms have ceiling fans and balconies, ensuite bathrooms, fridges, electric tea/coffee makers and wall mounted hairdryers.

Superior, deluxe and premium hillside rooms, and beachside deluxe rooms are available for double accommodations. Superior rooms have Piton and/or ocean views with 2 twin or 1 queen size bed. Beachside deluxe rooms all offer a tropical garden view and have 2 double or 1 king size bed. Hillside deluxe rooms offer Piton and/or ocean views. The premium rooms offer picture postcard perfect views of the Piton Mountains and the surrounding sea by virtue of their very elevated and strategic locations.

Jade Mountain is the newest resort within the resort. Accommodations are further up the mountain and have even more magnificent views of the Pitons. All rooms have at least one wall open, infinity pool or jacuzzi tub. A **very limited** number of both styles of rooms have been made available to our group for an additional surcharge. All room styles at both Anse Chastanet and Jade Mountain will be on a first come, first served basis.

Roundtrip land transfers from both Castries (SLU) and Hewannora (UVF) airports are included in your package. However, through special arrangements by the resort – not through your travel agent – roundtrip transfers are available by helicopter for an additional surcharge.

Space is limited so early hotel booking is suggested.

Website: www.ansechastanet.com

Please bill my credit card (American Express, MasterCard, VISA or Discover Card).

****Travel reservations cannot be confirmed and tickets issued until payment is received by check or credit card.

Credit Card Type _____ Acc't. # _____

Issued in Name of _____ Exp. Date _____

V-Code (3 digit # on back of card) _____

Advance ticketing: This is your authorization to ticket immediately to protect against fare increases. The correct credit card information is given above.

If you want your tickets Federal Expressed to you and the charge added to your credit card. **If not checked, then regular postal service will be used for tickets.**

Signature _____ Date _____

Signature _____ Date _____

HOTEL/DIVING PACKAGE

Reservations can be made by using the attached package and course reservation form. DAN CME will be making all hotel reservations as requested on the form. Make reservations as soon as possible to hold space in the hotel; reservations and the course fee plus a 50% deposit of the total hotel cost must be made before July 25th; after that time rooms will be space available only. **A full payment for the hotel must be made to confirm the hotel reservation and paid no later than September 1st.** Reservation cancellations after September 1st are subject to a penalty equal to (20) percent of the total cost of the package.

Superior:	Diver	Double:	Single:
	Non-Diver	\$3,688./2 persons	\$2,679.
		\$3,236./2 persons	\$2,448.
Beachside Dlx:	Diver	\$4,188./2 persons	\$2,824.
	Non-Diver	\$3,726./2 persons	\$2,593.
Hillside Dlx:	Diver	\$4,608./2 persons	\$3,034.
	Non-Diver	\$4,146./2 persons	\$2,803.
Premium:	Diver	\$4,998./2 persons	\$3,244.
	Non-Diver	\$4,566./2 persons	\$3,013.

Jade Mountain Infinity Pool: Superior price + \$165./person/day
Jade Mountain Jacuzzi Tub: Superior price + \$110./person/day
Helicopter transfer:

\$135./person/one way Hewannora (UVF) to resort
\$150./person/one way Castries (SLU) to resort

Package Does Not Include the COURSE FEE

Package Includes:

- 7 nights hotel accommodation
- All hotel taxes and service charges
- Daily maid service
- Roundtrip airport transfers via land
- Daily – Breakfast, lunch, afternoon tea and dinner
- 5 Days – two tank boat dives; 1 day – 1 tank night dive
- Extra scheduled beach diving
- Welcome cocktail
- Sunday evening manager's rum punch party
- Special DAN shirt – 1 per course registrant
- DAN farewell reception

All divers must be certified to participate in this program. Scuba St. Lucia will be coordinating all aspects of the diving program. The provided equipment is: tanks, air fills, weights and weight belts, and guides. Each diver is responsible for: mask, fins, snorkel, buoyancy compensator (BC) regulator and octopus. Equipment may be rented; however, advance request is necessary.

The diving package is only for those in the DAN-Anse Chastanet Resort package.

TRAVEL ARRANGEMENTS

Horizon Travel, Inc. is the DAN travel agent of choice; however, you may use your own personal agent or deal directly with airlines that service St. Lucia. **MAKE YOUR RESERVATIONS NOW** to guarantee lowest fares.

Horizon Travel: FAX (919) 846-0647; telephone (800) 672-5737 or (919) 493-8456; e-mail Paul Ducey: paul@travelxperts.com