

● KENICHIRO SUGITA ● GRANT HIESHIMA ● CHARLES DRAKE ● DAVID CAHILL ●

BENNETT STEIN ● DONALD SMITH ● NEAL KASELL ● HUNT BATJER ● ALEX BERENSTEIN



LADISLAV STEINER ● ROGER KELLY ● J.P. MOHR ● SKIP PEERLESS ● CARLOS MARTINEZ

Second Annual
CLINICAL NEUROVASCULAR SEMINAR

University of South Florida College of Medicine
Divisions of Neurological Surgery and Neuroradiology

Ocean Reef Club • Key Largo, Florida

February 8-10, 1993

● JACQUES DION ● ROBERT CROWELL ● REED MURTAGH ● DENNIS BANDYK ●

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University of Virginia Medical School

Kenichiro Sugita, M.D.

Professor and Chairman of Neurosurgery
Nagoya University School of Medicine

COURSE DESCRIPTION

Within the past five years, a revolution has taken place in the diagnosis and management of vascular disorders of the nervous system. Beginning with the widespread use of magnetic resonance imaging and expanding to encompass digital intraoperative angiography, Transcranial Doppler Imaging, S.P.E.C.T. and PET Scanning for physiologic imaging, MR angiography, and more selective conventional angiography; neurovascular diagnostic capabilities have grown beyond the dreams of 1980 practitioners.

Therapeutically, neurovascular surgery for the 21st century will encompass far more than the traditional open craniotomy techniques. Neurologists, neurosurgeons and neuroradiologists must acquaint themselves with stereotactic radiosurgery, intraluminal thrombolysis, transluminal angioplasty and incredible new techniques in embolization and electrothrombolysis for intracranial vascular lesions.

This course will bring together some of the world's foremost authorities in the management of both extracranial and intracranial vascular disease. With one day devoted to ischemic stroke, another to intracranial aneurysms and the last to arteriovenous malformations and plenty of time left over to enjoy

the wonders of the Florida Keys in a private resort one hour's drive from Miami; the course should allow participating neuroclinicians to obtain a direct introduction to all that is new in neurovascular diseases directly from the innovators recognized the world over as those who have defined the state of the art today. We feel truly privileged to have the opportunity to bring together a faculty that needs no introduction in one of the world's most beautiful settings. We will see you in the lecture hall and on the reef!

David W. Cahill
F. Reed Murtagh

ACCREDITATION

The University of South Florida College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

The University of South Florida College of Medicine certifies that this continuing medical education program meets the criteria for 15 hours of credit in Category I for the Physician's Recognition Award of the American Medical Association.

OCEAN REEF CLUB ACCOMODATION FORM

ATTENTION: RESERVATIONS DEPARTMENT

(Please Print)

Conference Name: UNIVERSITY OF SOUTH FLORIDA CLINICAL NEUROVASCULAR SEMINAR

Conference Dates: FEBRUARY 8 through 10, 1993

Dates: Arrival: _____ Departure: _____

Name: _____ Affiliation: _____

Home Address: _____ Address: _____

Phone: _____ Phone: _____

Send Bill To: Home Company (Please Check One)

Number In Party: Adults: _____ Children (Ages): _____

Accommodations requested (From Within The Reserved Room Block)

Hotel _____ Rate \$ **\$240.00**

All Rates (Single Or Double Occupancy), Plus 11% Sales Tax. Rates include hotel room gratuities for bellman and maid service.

Temporary Membership Fee: \$11.50 Per Person Plus 7% Sales Tax.

NOTE: Reservation Forms And Advance Deposit Must Be Submitted By DECEMBER 8, 1992.

TRANSPORTATION INFORMATION: Limousine service or car rental call extension 2290. Ocean Reef is an AVIS drop off station (800) 331-1212.

SPECIAL REQUESTS: _____

AN ADVANCE DEPOSIT equal to one night's room rate and tax is required of all participants. Check-in is at 3:00 p.m. and Check-out is at 12:00 noon. Group rates are extended three days prior and three days after the conference dates based upon availability.

CANCELLATION MUST BE MADE SEVEN (7) DAYS PRIOR TO ARRIVAL DATE OR THE DEPOSIT WILL BE FORFEITED.

SALES TAX SUBJECT TO CHANGE.

ALL RESERVATIONS MUST BE MADE BY MAIL OR FAX. FAX NUMBER IS (305) 367-2224. TELEPHONE RESERVATIONS CANNOT BE ACCEPTED.

MAIL FORM TO RESERVATION DEPARTMENT, OCEAN REEF CLUB
31 Ocean Reef Drive, Suite C-300, Key Largo, Florida 33037
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CLINICAL NEUROVASCULAR SEMINAR

Ocean Reef Club, Key Largo, Florida
February 8-10, 1993

(Please type or print clearly)

Name _____

Address _____

City _____ State _____ Zip _____

Degree _____ Year Graduated _____

Medical School _____

Social Security No. _____

Telephone (Home) _____

Telephone (Office) _____

Medical Specialty _____

REGISTRATION FEE:

- Practicing Physician (\$450.00) After Deadline (\$500.00)
- Resident/Fellow (\$350.00)

Amount Paid: _____

_____ I will be bringing my spouse/guest.

Please enclose your check for the total amount,
made payable to:

CLINICAL NEUROVASCULAR SEMINAR

Send your
Registration Card and check to:

DORRIE ROSSI, R.N.
SEMINAR COORDINATOR
Division of Neurological Surgery

HARBOURSIDE MEDICAL TOWER
Four Columbia Drive, Suite 730
Tampa, Florida 33606

TRAVEL AND TRANSPORTATION

Professional Travel, Inc. has been designated the official travel agency for this conference. Please call 1-(800) 237-7230 for further information concerning the lowest available airfare. Delta Airlines has been designated the official carrier for this course. Please refer to file #R0905 when you make your reservations with Delta.

BY LAND:

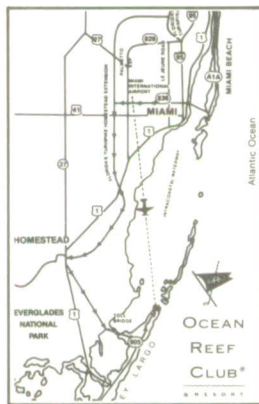
Follow the Florida Turnpike to its southern end, which feeds into U.S. Route 1 South. One mile further south is an overhead sign which reads "Card Sound Road, Upper Key Largo Via Toll Bridge." Turn left as indicated onto Card Sound Road. Travel approximately 14 miles, cross the toll bridge and continue to the first stop sign. Turn left to Ocean Reef.

BY SEA:

Take the Intracoastal Waterway south of Miami to Angelfish Creek. Go through Angelfish Creek to the ocean. Head south 1½ miles to Ocean Reef Channel entrance.

BY AIR:

Ocean Reef has a 4,000-foot lighted landing strip on the grounds, open to propeller planes only. During the season, commercial shuttle flights to and from Miami International Airport service Ocean Reef several times a day. A charter flight can always be arranged. Call 800-741-REEF ext. 2290.



OCEAN REEF CLUB & RESORT

The fabulous Ocean Reef Club

- is within a one hour drive from Miami's International Airport
- is a marina facility for vessels up to 140 ft. in length
- has a 4,000-ft. lighted landing strip on the grounds
- 36 holes of golf
- 13 tennis courts, 6 lighted for night play
- charter boats for all kinds of fishing
- a diving school and access to the underwater sights of one of the largest living coral reefs in the Northern Hemisphere
- a sand beach on a saltwater lagoon and a freshwater free form Olympic sized pool on Buccaneer Island
- slips and berths for 175 yachts
- sailboats for rental; day, evening and sunset cruises, sailing instruction; boat tours through the Clubs canals and creeks
- a wide variety of shopping
- local transport — electric road carts and bicycles for rental
- rental cars at the Bellstand

REGISTRATION INFORMATION & REFUND POLICY

FEE: \$450.00 (\$500.00 if registered after deadline.)
(\$350.00 Residents or Fellows with letter from department head)

Registration fee includes: the course syllabus, Continental breakfasts and breaks for each registrant. A cocktail reception is included for each registrant and one adult guest.

Enrollment is limited to 150 participants and early registration is highly recommended!

For further information contact:

Dorrie Rossi, R.N., Seminar Coordinator

or

Donna Price, Administrative Assistant

HARBOURSIDE MEDICAL TOWER
Four Columbia Drive, Suite 730
Tampa, Florida 33606
Telephone (813) 253-6001
FAX (813) 253-6900

Registration deadline is December 8, 1992.

Full refunds will be made only if written notice of cancellation is postmarked prior to January 8, 1993. Cancellation received after this date is subject to a \$75.00 cancellation fee. No seminar tuition refund will be issued for cancellation received postmarked after January 18, 1993.

Upon receipt of your registration form and check, a confirmation letter will be sent.

* Participants are strongly encouraged to be prepared to present difficult or unusual cases and their associated radiographic studies during the roundtable discussions at the conclusion of each day's session. "Consultant's Corner" sessions prove most beneficial to those who participate.

CLINICAL NEUROVASCULAR SEMINAR

Monday, February 8, 1993

6:30 a.m. - 7:30 a.m.Registration and Continental Breakfast

Moderator: David W. Cahill, M.D.

ISCHEMIC STROKE — DIAGNOSIS AND THERAPY

- 7:30 a.m. - 8:00 a.m. On the diagnosis of transient or permanent ischemia — non-invasive studies above and below the siphon
Roger Kelly, M.D.
- 8:00 a.m. - 8:30 a.m. Medical Therapy of Ischemic Cerebrovascular Disease
J.P. Mohr, M.D.
- 8:30 a.m. - 8:50 a.m. Anatomic Imaging: MR and MR/angio
Carlos Martinez, M.D.
- 8:50 a.m. - 9:30 a.m. Physiologic Imaging, SPECT and PET, Physiologic MR
Roger Kelly, M.D.
- 9:30 a.m. - 10:00 a.m. Break
- 10:00 a.m. - 10:20 a.m. Extracranial arterial dissection
Robert Crowell, M.D.
- 10:20 a.m. - 11:00 a.m. Interventional therapy: Intraluminal thrombolysis and angioplasty
Alex Berenstein, M.D.
- 11:00 a.m. - 11:40 a.m. Carotid endarterectomy: The NASCET study and the neurosurgeon's approach (is there a place for bypass?)
S.J. Peerless, M.D.
- 11:40 a.m. - 12:20 p.m. Technique of endarterectomy and the vascular surgeon's approach
Dennis Bandyk, M.D.
- 12:20 p.m. - 1:00 p.m. Roundtable discussion with neurologists, neuroradiologists, neurosurgeons and vascular surgeons*
- 6:00 p.m. - 8:00 p.m. Cocktail Reception

Tuesday, February 9, 1993

Moderator: F. Reed Murtagh, M.D.

ANEURYSMS

- 7:30 a.m. - 7:50 a.m. Screening for the unruptured lesions — Who? How? When?
F. Reed Murtagh, M.D.
- 7:50 a.m. - 8:15 a.m. The management of common lesions and its pitfalls
David Cahill, M.D.
- 8:15 a.m. - 8:45 a.m. The medical management of subarachnoid hemorrhage and vasospasm
Neal Kassell, M.D.

- 8:45 a.m. - 9:15 a.m. Angioplasty for vasospasm
Grant Hieshima, M.D.
- 9:15 a.m. - 9:45 a.m. Giant and unusual aneurysms, the Oriental approach
Kenichiro Sugita, M.D.
- 9:45 a.m. - 10:00 a.m. Break
- 10:00 a.m. - 10:30 a.m. Anterior circulation aneurysms, the surgeon's approach
S.J. Peerless, M.D.
- 10:30 a.m. - 11:00 a.m. Anterior circulation aneurysms, the interventionalist's approach
Grant Hieshima, M.D.
- 11:00 a.m. - 11:30 a.m. Posterior circulation aneurysms, the surgeon's approach
Charles Drake, M.D.
- 11:30 a.m. - 12:00 p.m. Posterior circulation aneurysms, the interventionalist's approach
Jacques Dion, M.D.
- 12:00 p.m. - 12:20 p.m. Intracavernous aneurysms and CC fistulas
Grant Hieshima, M.D.
- 12:20 p.m. - 1:00 p.m. Roundtable discussion and case presentations by attendees*

Wednesday, February 10, 1993

Moderator: David W. Cahill, M.D.

ARTERIOVENOUS MALFORMATIONS

- 7:30 a.m. - 7:50 a.m. Grading and decision making in AVM's
Robert Crowell, M.D.
- 7:50 a.m. - 8:15 a.m. Cavernous angiomas and angiographically occult AVM's
Don Smith, M.D.
- 8:15 a.m. - 8:45 a.m. Dural AVM's
Kenichiro Sugita, M.D.
- 8:45 a.m. - 9:30 a.m. Embolization of AVM's, adjunct versus primary therapy
Jacques Dion, M.D.
- 9:30 a.m. - 10:00 a.m. Break
- 10:00 a.m. - 10:30 a.m. Radiosurgery of AVM's
Ladislau Steiner, M.D.
- 10:30 a.m. - 11:00 a.m. The therapy of spinal AVM's
Alex Berenstein, M.D.
- 11:00 a.m. - 11:40 a.m. Deep, central, and eloquent cortical AVM's
Bennett Stein, M.D.
- 11:40 a.m. - 12:20 p.m. Giant AVM's
Hunt Batjer, M.D.
- 12:20 p.m. - 1:00 p.m. Case presentations and discussion*

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The University of South Florida
College of Medicine

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Tampa, Florida 33612

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