Neuro-Restorative Care Conference:
From Rehabilitation to Recovery

Sponsored by the Rehabilitation Center at Scripps Memorial Hospital Encinitas

November 1, 2014
Schaetzel Center, Scripps Memorial Hospital
La Jolla, California

Visit www.scripps.org/NRC for conference updates!
Course Overview
Advancements in neurorehabilitation are occurring at an extraordinary rate. Neurologists, Neurosurgeons and Physical Medicine & Rehabilitation professionals need an opportunity learn about the latest developments in the field, exchange ideas and concepts, and create new strategies for the treatment of neurological injury and disease. This comprehensive one day program will bring together leaders in the field of neuro-restorative care to provide practical scientific information, advances in medicine and research and cutting-edge innovative technology in the field. Topics span the continuum of care and include neurorestoration, neuromodulation, transcranial direct stimulation, stem cells, radiology and orthopedic interventions. A strong emphasis on the need for increased quality, efficiency, and value in response to health care reform will be a consistent theme throughout the course as we continue our quest for excellence in neuro-restorative treatment and care.

Target Audience
- Neurologists
- Physiatrists
- Orthopedic Surgeons
- Radiologists
- Physician Assistants
- Physical Therapists
- Occupational Therapists
- Speech-Language Pathologists
- Nurses
- Any others who seek to enhance their knowledge and stay up-to-date with advances in neurorehabilitation

Course Objectives
After attending this activity, participants should be able to:
- Define the challenges of assessment and treatment of neurologic disorders and sequela.
- Summarize the latest advances in neuromodulation, neurorehabilitation and neurorestoration into practice.
- Identify emerging concepts regarding the use of technology within the neurorehabilitation setting.
- Evaluate evidence-based therapeutic options available in neuromodulation, neurorehabilitation and neurorestoration.
- Discuss multidisciplinary treatment and recovery strategies for patients in the post-acute setting.

Accreditation
Physicians (MD, DO)
Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Scripps Health designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses
Provider approved by the California Board of Registered Nursing. Provider Number CEP151199, for up to 8.7 contact hours. Contact hours will be provided by Scripps Center for Learning & Innovation.

American Speech-Language Hearing Association (ASHA)
This course is approved for .75 AOTA CEUs (Interdisciplinary, Professional area)

Physical Therapy
This course is approved for 7.25 contact hours per section 1399.95 California Code of Regulations by The Physical Therapy Board of California.

Occupational Therapy
This course is approved for .75 AOTA CEUs by The American Occupational Therapy Association (AOTA). The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures.

Disclosure
Commercial Support
This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. At the time of printing, a complete listing of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.

Cultural and Linguistic Competency
This activity is in compliance with California Assembly Bill 1195 which requires that all CME activities comprising a patient care element include curriculum addressing the topic of cultural and linguistic competency. The intent of this bill is to ensure that health care professionals are able to meet the cultural and linguistic concerns of a diverse patient population through effective and appropriate professional development. Cultural and linguistic competency was incorporated into the planning of this activity.
Conference Location & Hotel Information

The conference will be held at the Schaetzel Center on the campus of Scripps Memorial Hospital in La Jolla, California.

Schaetzel Center
9890 Genesee Avenue
La Jolla, California 92037

Suggested Hotel Accommodations

Hilton La Jolla Torrey Pines
10950 North Torrey Pines Road
La Jolla, California 92037
Hotel Direct: 858-558-1500

San Diego Marriott La Jolla
4240 La Jolla Village Drive
La Jolla, California 92037
Hotel Direct: 858-587-1414

Please make your own hotel reservations. Attendees are responsible for the cost of their own hotel accommodations and transportation to and from the Schaetzel Center for the conference.

About Scripps

The Rehabilitation Center at Scripps Memorial Hospital Encinitas

The Rehabilitation Center at Scripps Memorial Hospital Encinitas is a comprehensive rehabilitation facility in northern San Diego County, providing a full range of rehabilitation services with specialization in Neuroscience Services. It is the first facility in San Diego, Riverside and Imperial Counties to be fully accredited in stroke, traumatic brain injury and general rehabilitation programs by the Commission on Accreditation of Rehabilitation Facilities (CARF)—the gold standard for medical rehabilitation facilities—and is entrusted by the United States military with care of returning servicemen’s combat-related traumatic brain injuries.

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All conference information including a detailed agenda, faculty listing, faculty disclosures, industry support, attendee list, and course materials can be found on the free Scripps CME conference app for iPhone, iPad, Android, and Blackberry. To download the app on your smart phone or other device visit the appropriate app store and search ScrippsCME (must be one word) or scan the appropriate QR code below. The app is free of charge and will be continuously updated during and after the course.
Saturday, November 1, 2014

7:30 a.m. Registration, Breakfast & View Exhibits
8:15 a.m. Welcome & Introductions
   Michael A. Lobatz, MD
   Harish S. Hosalkar, MD
   Carl J. Etter

8:30 a.m. Biochemical Neurorestoration Strategies
   Michael A. Lobatz, MD

9:15 a.m. Transcranial Direct Stimulation (tDCS)
   Dylan Edwards, PhD, PT

10 a.m. Break & View Exhibits
10:30 a.m. Reconstructive Neurosurgery for Spinal Cord Injury
   Justin Brown, MD

11:15 a.m. Orthopedic Strategies for Neurorestoration: Where Do We Stand Today
   Harish S. Hosalkar, MD

Noon Lunch & View Exhibits

1 p.m. Digitalization of the Home Environment
   Steven R. Steinhuabl, MD

1:45 p.m. Robotics & Wearable Sensors for Neurorehabilitation
   David Reinkensmeyer, PhD

2:30 p.m. Rehabilitation Robotics
   Herman Igo Krebs, PhD

3:15 p.m. Break & View Exhibits

4 p.m. Neuromodulation
   Adam Burdick, MD
   Melissa Houser, MD
   Nelson Hwynn, MD

4:45 p.m. Stem Cells
   Evan Snyder, MD, PhD

5:30 p.m. Advances in Neuroradiology
   Erin D. Bigler, PhD

6 p.m. Adjournment

Faculty

Course Directors

Michael A. Lobatz, MD
Vice President of Medical Affairs
Medical Director
Scripps Rehabilitation Center
Scripps Memorial Hospital Encinitas
Encinitas, California

Harish S. Hosalkar, MD
Diplomate, American Board of Orthopedic Surgery
Pediatric & Adult Orthopedic Surgeon
Director Center for Hip Preservation and Children's Orthopaedics
Hip Preservation and Reconstruction Specialist
Joint Reconstruction and Replacement Specialist
Limb Reconstruction and Deformity Correction Specialist
Scripps Memorial Hospital Encinitas
Encinitas, California

Faculty

Justin Brown, MD
Director of the Neurosurgery Peripheral Nerve Program
Co-Director of the Center for Neurophysiology and Restorative Neurology
University of California, San Diego
San Diego, California

Erin D. Bigler, PhD
Adjunct Professor, Psychiatry Research Professor
Psychology Department
University of Utah
Professor, Psychology and Neuroscience
Brigham Young University
Provo, Utah

Adam Burdick, MD
Neurosurgeon
Scripps Clinic Torrey Pines
La Jolla, California

Dylan Edwards, PhD, PT
Director, Non-Invasive Brain Stimulation and Human Motor Control Laboratory
Burke Rehabilitation Center
Assistant Professor
Neurology and Neuroscience
Well Cornell Medical College
Co-Director, Intensive Course in Transcranial Magnetic Stimulation
Harvard Medical School
White Plains, New York

Melissa Houser, MD
Director
Deep Brain Stimulation Program
Founder & Clinical Director
Parkinson’s Disease and Movement Disorder Center
Scripps Clinic Torrey Pines
La Jolla, California

Nelson Hwynn, DO
Neurologist
Co-Director, Deep Brain Stimulation Program
Scripps Clinic Torrey Pines
La Jolla, California

Herman Igo Krebs, PhD
Massachusetts Institute of Technology
Principal Research Scientist and Lecturer
Cambridge, Massachusetts

David Reinkensmeyer, PhD
Professor
Department of Mechanical and Aerospace Engineering
Department of Biomedical Engineering
University of California, Irvine
Irvine, California

Evan Snyder, MD, PhD
Professor/Director
Center for Stem Cell and Regenerative Medicine
Sanford-Burnham Medical Research Institute
Irvine, California

Steven R. Steinhuabl, MD
Director of Digital Medicine
Scripps Translational Science Institute
La Jolla, California

Faculty Disclosure

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Employees of a commercial interest with business lines or products relating to the content of the CME activity will not participate in the planning or any accredited portion of the conference. Disclosure will be made to all participants at the conference location, prior to the educational activity commencement.

Detailed faculty disclosure information can be found at www.scripps.org/nrc
PAYMENT METHOD
If paying by credit card, please fill out the information below.

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Three Easy Ways to Register
Online  www.scripps.org/NRC
Fax  858-652-5565
Mail  Scripps Conference Services & CME
Neuro-Restorative Care Conference
11025 North Torrey Pines Road
Suite 200, Maildrop: SCRC200
La Jolla, California 92037

Questions
Contact  Scripps Conference Services & CME
Phone  858-652-5400
Email  med.edu@scrippshealth.org

MAIN CONFERENCE

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<th>Through Aug. 31</th>
<th>Sept. 1 - Oct. 28</th>
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<tr>
<td>Physicians</td>
<td>$225</td>
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<td>Active Duty Military/Other Health Care Professionals</td>
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Would you like to receive the Scripps Conference Services & CME email newsletter?  ___Yes  ___No

By completing this registration form and returning it to Scripps you are acknowledging compliance with all attendance policies.

Please print clearly. Should we have any conference communications or updates please provide your direct contact information.

FIRST, MI, LAST NAME  DEGREE (MD, DO, PHD, RN, ETC)
AFFILIATION/HOSPITAL/COMPANY  SPECIALTY
DIRECT MAILING ADDRESS  CITY/STATE/ZIP
CELL PHONE  OFFICE PHONE
E-MAIL  (This is required and will be your user name when accessing your online account)
ASSISTANT NAME  ASSISTANT DIRECT TELEPHONE  ASSISTANT E-MAIL

Please indicate any special needs (including dietary restrictions). Special requests will be considered and accommodated in full compliance with the Americans with Disabilities Act (ADA).

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Attendance Policies
Attendee Cancellation, Substitution, Refund
The course tuition is refundable, minus a $50 processing fee, if your cancellation is received in writing no later than October 24, 2014. Attendee substitutions are allowed, but notification must be made in writing by October 24, 2014. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to “no shows.”

Scripps Conference Modification or Cancellation
Scripps reserves the right to modify the course’s schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.
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