



David Geffen
School of Medicine

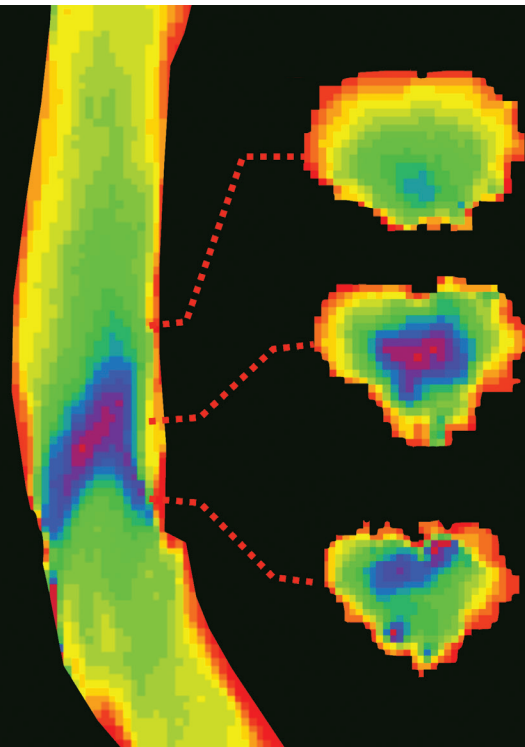
2nd Annual UCLA Spinal Cord Injury Symposium

April 27, 2019
Red Bull Media House
Santa Monica, CA

CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFFEN SCHOOL OF MEDICINE at UCLA

In kind support for this
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Course Description

The UCLA Spinal Cord Injury Symposium is a one-day course that presents contemporary and future strategies in the management of spinal cord injury. The first half of the day emphasizes the clinical management of spinal cord injury ranging from initial patient evaluation through postoperative rehabilitation. The management of both chronic spinal cord injury related to cervical spondylotic myelopathy and acute traumatic spinal cord injury will be discussed in didactic lectures, case presentations, and question and answer sessions. Recent evidence-based studies will be utilized. The second half of the course will be focused on emerging basic science and clinical research, and delves into novel functional restoration and neural repair strategies including neuromodulation, stem cells, and cellular therapies. A patient testimonial regarding life with a spinal cord injury will provide context and meaning to all of the treatment modalities.

Course Objectives

The purpose of this course is to increase competency in the management of patients with chronic and acute spinal cord injury. Additionally, this program seeks to increase familiarity with the research strategies that are shaping the management of spinal cord injury currently and in the future.

Attendees completing this course will increase skills and knowledge to better:

- Evaluate and treat both acute and chronic spinal cord injury patients, including operative and nonoperative options, nursing care, and critical care management
- Contrast the surgical approaches for chronic and traumatic spinal cord injury and distinguish which approaches are the most optimal for a specific clinical presentation
- Describe the role of sagittal balance and other spinal deformity parameters in the pathogenesis of cervical spondylotic myelopathy and incorporate these measurements into clinical practice
- Compare traditional and novel rehabilitation strategies following spinal cord injury and formulate individualized treatment plans
- Identify the areas of-controversy in the management of traumatic spinal cord injury based on evidenced-based guidelines
- Describe the basic science and clinical research strategies that are actively being translated into the treatment for spinal cord injury patients
- Explore the basic science and clinical research strategies that are likely to be translated into the treatment for spinal cord injury patients in the future

Target Audience

The target audience is health care professionals and researchers invested in improving the care for spinal cord injury patients including neurosurgeons, orthopedists, neurologists, intensivists, rehabilitation specialists, physiatrists, pain management physicians, nurses, physician assistants, and spinal cord injury researchers.

Course Faculty

COURSE DIRECTORS

Langston T. Holly, MD

Professor and Vice Chair of Clinical Affairs, Department of Neurosurgery*

Daniel C. Lu, MD, PhD

Associate Professor of Neurosurgery and Vice Chair of Research*
Director, Neuromotor Recovery and Rehabilitation Center

A. Nick Shamie, MD

Professor and Chief, Orthopaedic Spine Surgery*

COURSE FACULTY

David N. Alexander, MD

Susan & David Wilstein Endowed Chair in
Rehabilitation Medicine
Medical Director, California Rehabilitation Institute,
A Cedars/UCLA Health Partnership
Professor*, Department of Neurology

V. Reggie Edgerton, PhD

Professor*
Department of Integrative Biology and Physiology

Leif A. Havton, MD, PhD

Professor*
Departments of Neurology and Neurobiology

Luke Macyszyn, MD, MA

Assistant Professor of Neurosurgery and
Orthopaedics*
Department of Neurosurgery

Duncan Q. McBride, MD

Chief, Division of Neurosurgery
Harbor/UCLA Medical Center
Associate Clinical Professor*
UCLA Department of Neurosurgery

Bennett Novitch, PhD

Professor and Ethel Scheibel Chair in Neuroscience*
Department of Neurobiology
Broad Center of Regenerative Medicine & Stem Cell
Research

Don Young Park, MD

Assistant Clinical Professor*
Department of Orthopaedic Surgery

Warwick J. Peacock, MD, FRCS

Professor of Surgery*
Director of the Surgical Science Laboratory

Nader Pouratian, MD, PhD

Associate Professor* and Vice Chair of
Academic Affairs
Department of Neurosurgery

Brian Schiefer

Staff Sergeant US Air Force TACP, Retired

Michael V. Sofroniew, MD, PhD

Distinguished Professor of Neurobiology*
Department of Neurobiology

Paul Vespa, MD

Assistant Dean of Critical Care Medicine (Res)
Gary L. Brinderson Family Chair in Neurocritical Care
Professor of Neurology and Neurosurgery*

J. Pablo Villablanca, MD, FACR

Professor of Radiological Sciences*
Director of Interventional Spine Service
Medical Director of MRI

Dana Wong, MSN, RN, ACCNS-AG, CCRN, CNRN

Neuroscience Clinical Nurse Specialist
Ronald Reagan UCLA Medical Center

Program

Saturday, April 27, 2019

7:30 **Registration and Continental Breakfast**

8:00 **Introduction**

Langston T. Holly, MD and Daniel C. Lu, MD, PhD

Session 1: Cervical Spondylotic Myelopathy

8:05 **Cervical Spondylosis and Myelopathy Overview: A Form of Chronic Spinal Cord Injury. When Should We Operate?**

Langston T. Holly, MD

8:25 **Advances in Imaging for Cervical Spondylotic Myelopathy – How Can We Better Assess Spinal Cord Injury?**

J. Pablo Villablanca, MD, FACR

8:45 **Case Presentation and Discussion – Single Level Cervical Spondylotic Myelopathy:**

Anterior Cervical Discectomy and Fusion (ACDF) Is The Way To Go

Duncan Q. McBride, MD

ACDF Is Fine, But Give Me An Artificial Disc

A. Nick Shamie, MD

9:45 **The Role of Sagittal Balance and Deformity Parameters in Cervical Spine Surgery**

Luke Macyszyn, MD, MA

10:05 **Break**

Session 2: Acute Traumatic Spinal Cord Injury: Clinical

10:20 **Spinal Cord Injury Classification: Operative vs. Nonoperative Management**

Don Young Park, MD

10:40 **Nursing Care for the Spinal Cord Injury Patient**

Dana Wong, MSN, RN, ACCNS-AG, CCRN, CNRN

11:00 **Contemporary ICU Management**

Paul Vespa, MD

11:20 **Medical Aspects of Rehabilitation after SCI**

David N. Alexander, MD

11:40 **Case Discussion: Unilateral Facet Fracture: Anterior Surgery, Posterior Surgery, or No Surgery**

Panel: Drs. Holly, Lu, Macyszyn, McBride, Park, Shamie

12:00 **Lunch**

Session 3: Acute Traumatic Spinal Cord Injury: Research

1:00 **Spinal Cord Injury – A Personal Perspective**

Brian Schiefer, Staff Sergeant US Air Force TACP, Retired

1:30 **Neuromodulation to Improve Upper Extremity Function after Cervical Spinal Cord Injury**

Daniel C. Lu, MD, PhD

1:50 **Functional Recovery of Trunk Control and Standing after SCI with Epidural and Transcutaneous Stimulation and Training**

V. Reggie Edgerton, PhD

2:10 **Brain-Computer Interfaces: Early Experience in Spinal Cord Injury**

Nader Pouratian, MD, PhD

2:30 **Break**

2:50 **Anatomy of the Conus Medullaris and Cauda Equina**

Warwick J. Peacock, MD, FRCS

3:10 **Cellular Therapies for the Treatment of Conus Medullaris and Cauda Equina Injuries**

Leif A. Havton, MD, PhD

3:30 **Dissecting Spinal Cord Wound Repair and Regeneration**

Michael V. Sofroniew, MD, PhD

3:50 **Modeling Central Nervous System Development Using Stem Cells – Implications for Spinal Cord Injury**

Bennett Novitch, PhD

4:10 **Adjourn**

General Information

Registration Fee

- \$125 Physicians
- \$75 Nurses, Allied Health Professionals, Researchers
- \$25 Fellows, Residents, Students
- Free UCLA Fellows, Residents, Students

Refunds

Cancellations must be received in writing by **Friday, March 29, 2019** and will be subject to a \$50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Enrollment

By Mail

Use the form attached. Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 2nd Annual UCLA Spinal Cord Injury Symposium, 10920 Wilshire Blvd., Ste. 1060, Los Angeles, CA 90024-6512

Online

Go to www.cme.ucla.edu/courses, click on 2nd Annual UCLA Spinal Cord Injury Symposium, and click on the registration information section. You may use your MasterCard, VISA, American Express or Discover card to register online.

By Phone

Use your American Express, MasterCard, VISA or Discover card.
Call (310) 794-2620.

By FAX

Send the completed enrollment form with credit card information and authorizing signature.
Fax (310) 794-2624.

Program Location

Red Bull Media House
1740 Stewart Street
Santa Monica, CA 90404

Directions and Parking

From the 405 freeway take the 10 freeway West. Exit the freeway at exit 2A and turn left on Centinela Avenue. Turn left on Olympic Blvd. Turn right on Stewart. Turn left into the gated parking lot. Parking is free and you are welcome to park in any open spot. Enter the main entrance from the parking lot. You will be directed to the screening room upon arrival.

Accreditation

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that nonpromotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

Enrollment

2nd Annual UCLA Spinal Cord Injury Symposium

April 27, 2019

Application for Enrollment (Please Print)

Course Title and Number	Amount
2nd Annual UCLA Spinal Cord Injury Symposium M189-34 REGISTRATION FEES: \$125 Physicians \$75 Nurses, Allied Health Professionals, Researchers \$25 Fellows, Residents, Students*	

* Complimentary registration for UCLA fellows, residents and students can be arranged by contacting Carrie Bruckner at CBruckner@mednet.ucla.edu.

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