22nd Annual Epilepsy Update

In cooperation with

- Barrow Neurological Institute
- Epilepsy Foundation of Arizona
- Phoenix Children’s Hospital
- University of Arizona College of Medicine

Mayo Clinic
Scottsdale, Arizona
Ashton B. Taylor Auditorium, Concourse Level
Saturday, November 7, 2009

Register Now
$95 per attendee
COURSE HIGHLIGHTS

Mayo Clinic in cooperation with Barrow Neurological Institute, Epilepsy Foundation of Arizona, Phoenix Children’s Hospital and the University Of Arizona College Of Medicine present the 22nd Annual Epilepsy Update. The program is intended for neurologists, physicians in internal medicine, family practice, general practice, and nurses who are seeking a review or update in current clinical practice of seizures and epilepsy management. An interactive and didactic format allows utilization of an audience response system for all case studies and presentations. Each session will conclude with an opportunity for participants to ask questions on the cases discussed or present their own cases to the faculty panel.

COURSE LEARNING OBJECTIVES

Upon completion of this course, participants should be able to:

• Differentiate between non-epileptic events and epilepsy
• Choose the best practices for safety and quality care in diagnosis and treatment of seizures
• Evaluate patients for surgical management
• Evaluate patients for potential radiosurgery or stimulation
• Compare medical and surgical options for children
• Examine the most recent management approaches for status epilepticus
• Recognize the difference between brand versus generic anti-seizure drugs
• Evaluate potential options available for pregnant women
• Identify and understand how to use new anti-seizure drugs
• Assess new seizure prediction paradigms

DISCLAIMER

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

CREDIT

College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. College of Medicine, Mayo Clinic designates this educational activity for a maximum of 7.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity. This activity has been reviewed and is acceptable for up to 7.5 prescribed credits by the American Academy of Family Physicians.

This program has been approved by the American Osteopathic Association for 7.5 hours of 2A accreditation.

Mayo Clinic Arizona is an approved provider of continuing nursing education by the Arizona Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Participants can be awarded 7.5 contact hours.

EDUCATIONAL GRANTS

This course is supported in part by educational grants, in accordance with ACCME standards.

As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting. Exhibits will be available for viewing at all scheduled breaks.
**MEETING LOCATION & ACCOMMODATIONS**

Mayo Clinic, Ashton B. Taylor Auditorium  
13400 East Shea Boulevard • Scottsdale, AZ 85259

Hotel rooms near the Clinic are limited. You are urged to make reservations early. Mayo Clinic has a discounted rate at the Scottsdale Courtyard Marriott at Mayo Clinic. To make your reservation, call (480) 860-4000.

Hotel Website: [www.Marriott.com/PHXMY](http://www.Marriott.com/PHXMY) Attendees are responsible for their own reservations. The standard hotel reservation cancellation policy will apply to individual reservations.

**RECREATION/LEISURE ACTIVITIES**

Visit [www.visitphoenix.com](http://www.visitphoenix.com) or [www.scottsdalecvb.com](http://www.scottsdalecvb.com) for additional recreation and leisure activities.

**TRANSPORTATION**

Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call (800) 654-2240 and refer to CV Number 03NR0004 when making reservations.

Supershuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000.

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**MAYO FACULTY**

Jeffrey R. Buchhalter, MD, PhD  
Gregory D. Cascino, MD  
Joseph F. Drazkowski, MD *  
Leon D. Iasemidis, PhD  
Kristin A. Kirlin, PhD  
Dona E. C. Locke, PhD  
Katherine H. Noc, MD, PhD *  
Joseph I. Sirven, MD *  
Richard S. Zimmerman, MD *

* Course Co-Directors

**GUEST FACULTY**

Steven Chung, MD  
Director, Neurology Residency Program;  
Director, Clinical Epilepsy Research and EMU  
Barrow Neurological Institute  
Phoenix, Arizona  
Daniel H. Lowenstein, MD  
Professor and Vice-Chairman, Department of Neurology  
Director, UCSF Epilepsy Center  
University of California  
San Francisco, California  
Hemant S. Kudrimoti, MD, PhD  
Assistant Professor of Clinical Neurology  
Director-Neurology Residency Program  
University of Arizona  
Tucson, Arizona  
Korwyn Williams, MD, PhD  
Staff Neurologist, Phoenix Children’s Hospital  
Clinical Assistant Professor, University of Arizona, College of Medicine  
Phoenix, Arizona

**FACULTY DISCLOSURE**

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
# PROGRAM

## Saturday November 7, 2009

### Session I

**Moderator:** Joseph I. Sirven, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Old Meds &amp; Generics</td>
<td>Hemant S. Kudrimoti, MD, PhD</td>
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<tr>
<td>8:45</td>
<td>New Meds</td>
<td>Steven Chung, MD</td>
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<tr>
<td>9:30</td>
<td>Pregnancy &amp; AED’s</td>
<td>Katherine H. Noe, MD, PhD</td>
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<tr>
<td>10:15</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td>Status Epilepticus</td>
<td>Daniel H. Lowenstein, MD</td>
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<tr>
<td>11:15</td>
<td>Non-Epileptic Events</td>
<td>Dona E. C. Locke, PhD</td>
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<td></td>
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<td>Kristin A. Kirlin, PhD</td>
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<tr>
<td>12:00</td>
<td>Lunch (Provided)</td>
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### Session II

**Moderator:** Joseph I. Sirven, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:00 PM</td>
<td>Adult/Pediatric Video EEG Quiz</td>
<td>Joseph F. Drazkowski, MD</td>
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<td></td>
<td>Korwyn Williams, MD, PhD</td>
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<tr>
<td>1:45</td>
<td>Pediatric Epilepsy Surgery</td>
<td>Jeffrey R. Buchhalter, MD, PhD</td>
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<tr>
<td>2:30</td>
<td>Quality and Safety in Epilepsy and EMU Care</td>
<td>Richard S. Zimmerman, MD</td>
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<td>3:15</td>
<td>Break</td>
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<tr>
<td>3:30</td>
<td>Radiosurgery/Surgery/Stim</td>
<td>Gregory D. Cascino, MD</td>
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<tr>
<td>4:30</td>
<td>Seizure Prediction and Control</td>
<td>Leon D. Iasemidis, PhD</td>
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<td>5:00</td>
<td>Adjourn</td>
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**REGISTRATION FORM**

**22nd Annual Epilepsy Update**

**November 7, 2009**

Registration at the standard fee may be completed using this form and faxing it to (480) 301-8323, or you can mail it to: Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259.

An e-mail confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please e-mail us at mca.cme@mayo.edu or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a $75 administrative fee, will be refunded when notification is received on or before October 23, 2009. No refunds will be made after this date.

Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed.

Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/ hotel fees or penalties are the responsibility of the registrant.

**ON-LINE SYLLABUS:** Your registration fee includes access to a detailed on-line syllabus, available one week prior to the course. If you want to order a paper copy (for a fee), check the box at the bottom of this form.

Your type of practice: □ Solo □ Group □ University □ Resident/Fellow □ Retired □ Other: __________

Years in practice: □ 0-4 □ 5-10 □ 11-15 □ 16-25 □ > 25

Course Registrant List (Check only if you want your name removed)

□ I do not want information (ie, name, degree, city, and state) to appear on the course registrants’ list.

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### Registration

Please print. Use duplicate form for multiple registrations.

<table>
<thead>
<tr>
<th>Name of Registrant – first, middle, and last name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Degree/Certification</td>
<td>Medical Specialty</td>
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**Preferred mailing address is:** (select one) □ Work/Business □ Home

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<tr>
<td>City</td>
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| Country | Email | Daytime Telephone | Fax |

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**Register Now $95 per attendee**

Go to www.mayo.edu/cme

Note: When registering on-line, please be sure to “check-out” after your profile is completed/updated.

- □ Registration Fee $95 $__________
- □ Paper copy of the syllabus $75 $__________

(Note: Due to printing deadlines, this option will not be available after October 23, 2009)

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### Payment Information (US Funds Only)

- □ Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD

**Payment Total**

<table>
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<th>Credit Card (select one)</th>
<th>Account Number</th>
<th>Exp. Date (mm/yy)</th>
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<tr>
<td>□ Discover □ MC □ Visa</td>
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Signature Date
Mark Your Calendar for these Upcoming CPD Opportunities:

- Robotic Surgery in Gynecology Series – September 1, 2009 and November 11, 2009
- Hospital Medicine – November 4-7, 2009
- Practical Course in Dermoscopy and Update on Malignant Melanoma – December 4-6, 2009
- Update in EEG, EMG and Clinical Neurophysiology – January 24-30, 2010
- Interactive Surgery Symposium – February 7-12, 2010
- Symposium on Anesthesia and Perioperative Medicine – February 17-20, 2010
- GI/Hepatology – February 21-27, 2010
- Women’s Health Update – March 3-6, 2010
- Clinical Reviews: A Family Practice and Internal Medicine Update – March 24-27, 2010

www.mayo.edu/cme

Email: mca.cme@mayo.edu
Phone: (480) 301-4580 • Fax: (480) 301-8323

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