The 18th Annual Update in Neurology for the Primary Care Provider
University of Oklahoma College of Medicine
Department of Neurology

Waterford Marriott Hotel, Oklahoma City, Oklahoma
Friday, March 5, 2010

Co-Directors:
David Lee Gordon, MD
Herman E. Jones, PhD
Chaouki K. Khoury, MD

Updates in:
• Neurologic Exam Skills
• Epilepsy
• Acute Care—Stroke in Children, ICU, Neurointervention
• Attention Deficit Hyperactivity Disorder (ADHD)

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David Lee Gordon, MD
Professor, Chairman, & Kathryn G.
and Owen Doss Lynn MD Chair in Neurology

Ryan Hakimi, DO
Assistant Professor

Akram Shhadeh, MD
Assistant Professor

Andrea S. Hakimi, DO
Assistant Professor
Director of Epilepsy

Chaouki K. Khoury, MD
Assistant Professor
Residency Program
Director

Farida Abid, MD
Assistant Professor

Patricia A. Perkins, RN, ARNP
Clinical Instructor

Program Planning Committee:
David Lee Gordon, MD – Course Director
Herman E. Jones, PhD
Chaouki K. Khoury, MD
Margie Miller, MS, CPP
Myrna Rae Page, MPH, CHES – Course Contact
Connie Bond

WHO SHOULD ATTEND
This course has been developed to update:
• family practitioners
• general internists
• general neurologists
• nurse clinicians
• pediatricians
• physician assistants
• primary care physicians
• psychiatrists
• vascular surgeons and cardiologists

COURSE DESCRIPTION AND PURPOSE:
This intensive one-day course focuses on both adult and pediatric patients and will emphasize clinical advances and research developments impacting the way neurologic conditions are assessed and treated. The morning sessions will focus on Advancements in Inpatient Neurology and the Neurologic Exam. In the afternoon, the participant can choose between two concurrent breakout sessions, one track for adult neurology and one track for pediatric neurology.

Evidence-based care management modalities tailored to the care of complex neurological patients will be presented. The course is designed to address the unmet educational needs of primary care physicians who have a diverse neurological case mix. This is a fast-paced course with most speakers using an audience response system both before and after each presentation which provides participants with immediate feedback of their knowledge and the opportunity to reinforce comprehension and retention of key learning objectives. Each session will include time for questions and answers. The course combines best practice strategies and education through case studies and lectures. A full syllabus of educational materials will be provided as a resource for today's primary care practice office.

Course Goal: To provide primary care clinicians an update on the management of patients with neurologic conditions

Objectives:
At the end of the course, participants should be able to improve patient outcomes by being able to:
1. Explain the essential components of a neurologic exam.
2. Identify appropriate treatment approaches to neurologic patients in the ICU.
3. Describe the rationale and clinical indications for neurointerventional management.
4. Distinguish between TIA and migraine as the cause of a transient spell.
5. Distinguish between epilepsy and ADHD in children.
6. Describe new developments in epilepsy and ADHD.
7. Describe the utility of the neurologic examination in children.
8. Identify different presentations and causes of stroke in children.
# AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:15 am</td>
<td>Registration/Continental Breakfast/Exhibits</td>
<td>David Lee Gordon, MD</td>
</tr>
<tr>
<td>7:50 am</td>
<td>Welcome and Introduction</td>
<td>David Lee Gordon, MD</td>
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**ADULT & CHILD**

**Advancements in Inpatient Neurology | Moderator: David Lee Gordon, MD**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Critical Care Neurology</td>
<td>Ryan Hakimi, DO</td>
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<tr>
<td>8:50 am</td>
<td>Neurointervention Management</td>
<td>Akram Shhadeh, MD</td>
</tr>
<tr>
<td>9:40 am</td>
<td>Panel</td>
<td>R. Hakimi/Shhadeh</td>
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## CONCURRENT SESSIONS

**ADULT**

**Adult Neurology: Spells | Moderator: Herman E. Jones, PhD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Transient Neurologic Deficits</td>
<td>David Lee Gordon, MD</td>
</tr>
<tr>
<td>1:40 pm</td>
<td>Approach to the Adult Patient with Epilepsy</td>
<td>Andrea S. Hakimi, DO</td>
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<tr>
<td>2:20 pm</td>
<td>Panel</td>
<td>Gordon/A. Hakimi</td>
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**CHILD**

**Child Neurology: Exam Skills & Stroke | Moderator: Farida Abid, MD**

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<tr>
<td>1:00 pm</td>
<td>Neurologic Exam in Children</td>
<td>Chaouki K. Khoury, MD</td>
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<tr>
<td>1:40 pm</td>
<td>Stroke in Children</td>
<td>Chaouki K. Khoury, MD</td>
</tr>
<tr>
<td>2:20 pm</td>
<td>Panel</td>
<td>Khoury</td>
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## CONCURRENT SESSIONS

**ADULT**

**Adult Neurology: Epilepsy | Moderator: David Lee Gordon, MD**

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<tr>
<td>3:00 pm</td>
<td>Epilepsy in Women</td>
<td>Andrea S. Hakimi, DO</td>
</tr>
<tr>
<td>3:45 pm</td>
<td>Indications and Value of Video EEG Monitoring</td>
<td>Andrea S. Hakimi, DO</td>
</tr>
<tr>
<td>4:30 pm</td>
<td>Panel</td>
<td>A. Hakimi</td>
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<tr>
<td>5:00 pm</td>
<td>Evaluation &amp; Adjourn</td>
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**CHILD**

**Child Neurology: Epilepsy | Moderator: Chaouki K. Khoury, MD**

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<td>Farida Abid, MD</td>
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<td>3:45 pm</td>
<td>Attention Deficit Hyperactivity Disorder</td>
<td>Patricia A. Perkins, RN, ARNP</td>
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<tr>
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<td>Panel</td>
<td>Abid/Perkins</td>
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Register On-Line: cme.ouhsc.edu — ONE DAY ONLY — Earn up to 7.0 AMA PRA Category 1 Credits™
The 18th Annual Update in Neurology for the Primary Care Provider

Accreditation Statement:
The University of Oklahoma College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. The University of Oklahoma College of Medicine designates this educational activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Conflict Resolution Statement:
The University of Oklahoma College of Medicine, Office of Continuing Medical Education has reviewed this activity’s speaker and planning committee disclosures and resolved all identified conflicts of interest, if applicable.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

American Academy of Physician Assistants (AAPA) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

Policy on Faculty and Sponsor Disclosure:
It is the policy of the University of Oklahoma College of Medicine that the faculty and sponsor disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). Detailed disclosures will be made in the course handout materials.

Educational Grants:
This course is supported, in part, by education grants from industry, in accordance with ACCME Standards. 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.

For accommodations on the basis of disability, call Susie at (405) 271-2350, ext. 1.

It is difficult to provide a classroom temperature that is comfortable for everyone; please bring a jacket or sweater.

Waterford Marriott Hotel
6300 Waterford Boulevard, Oklahoma City, Oklahoma 73118 USA

Hotel Accommodations:
Reservations: (Ask for the Update in Neurology with the OUHSC) Please make your own reservations. Hotel room rate is $104 and is subject to applicable state and local taxes. Reservations must be received on or before February 11, 2010. After the deadline, reservations will be accepted on a space/price available basis.

Telephone: (405) 848-4782 Fax: (405) 858-2472
Website: http://www.marriott.com/hotels/travel/okcwa-waterford-marriott/

Directions from Will Rogers World Airport: Take Airport Road East to I-44 East. Go approx. 9 miles to Penn Avenue. Exit Penn, turn left (north). Go approximately two miles, turn right on Waterford Boulevard.

This hotel does not provide shuttle service. Alternate transportation: Airport Express; fee: $20 USD (one way);
Estimated taxi fare: $25 USD (one way)
Get Comfortable, Come to Class!

Exhibition and Sponsorship Opportunities

In addition to exhibiting, there are opportunities to sponsor specific conference events for these meetings. If you are interested in being a part of these upcoming meetings, please contact Jan Quayle at the CME office at 405 271-2350 ext. 8 or 1-888-682-6348.

- **The 18th Annual Update in Neurology for the Primary Care Provider**
  **MARCH 5, 2010** - Oklahoma City, Oklahoma

- **13th Annual Primary Care Update 2010, MAY 14, 2010** - Oklahoma City, Oklahoma

- **Clinical Perils and Practice Guidelines for Managing the Older Patient:**
  **11th Geriatric Update for Primary Care Providers Conference**
  **OCT. 29, 2010** - Oklahoma City, Oklahoma

For more information, please contact 405-271-2350 ext. 8 or 1-888-682-6348.

Visit our website at [http://cme.ouhsc.edu](http://cme.ouhsc.edu) for an exhibit brochure.

Morning and afternoon breaks and lunch are scheduled to allow attendees the opportunity to meet exhibit representatives and learn about their products and services.

Irwin H. Brown Office of Continuing Medical Education
PO Box 26901, ROB 202, Oklahoma City, OK 73126-0901

Our telephone number is 405-271-2350 or outside the Oklahoma City area call 1-888-682-6348.

[http://cme.ouhsc.edu](http://cme.ouhsc.edu)
University of Oklahoma College of Medicine, The Department of Neurology and the Irwin H. Brown Office of Continuing Medical Education presents:

The 18th Annual Update in Neurology for the Primary Care Provider

First Name ___________________ Middle ______________ Last Name ____________________

Degree ________________________ Specialty _______________________

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Phone ______________________ Fax __________________ E-mail ____________

If you require special meal considerations, please specify your special dietary requirements:

☐ Vegetarian  ☐ Other ______________________________

* Please indicate whether you consent to the receipt of future electronic messages from the University of Oklahoma College of Medicine, Office of CME, by marking the box in the affirmative and by executing where noted below and providing us with your e-mail address. We will not share your email or contact information with anyone outside of the CME Office.

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☐ I decline to receive future electronic messages from the University of Oklahoma College of Medicine, Office of CME ____________________________

____ Postmarked: Before Feb. 12, 2010 After Feb. 12, 2010 TOTAL

☐ Physicians (MDs and DOs) $179 $229 _________

☐ Other Healthcare Professionals $159 $209 _________

☐ OUHSC Physicians, Fellows, Residents, & Staff $99 $129 _________

Total Registration Due $ ______________________

The annual conference registration fee includes course materials, CME credit, breakfast, breaks, and lunch. No registration refunds will be made after 2-18-2010. Written notification of cancellation must be postmarked before 2-18-2010. Cancellation fee is $100. Confirmations will be mailed. (This Annual Conference is subject to cancellation if registration is insufficient, in which case all registration fees will be refunded.) Please register early, as space is limited.

Payment Method: (payment due with registration, POs accepted – send copy of PO with registration)

Make checks payable to OUHSC-CME. (Tax ID # 73-601-7987) On-Line Registration: http://cme.ouhsc.edu/

Please check method of payment for total fee: ☐ Check enclosed (#__________)

We accept: ☐ Visa ☐ MasterCard ☐ Discover Total Amount Charged $ ______________________

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Name as it appears on card (please print): ____________________________________________

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FRIDAY, MARCH 5, 2010

This intensive one-day course focuses on both adult and pediatric patients and will emphasize clinical advances and research developments impacting the way neurologic conditions are assessed and treated. The course will include lecture, case studies, and practice strategies and education through case studies. Each session will include time for questions and answers. The course includes four concurrent breakout sessions, each focusing on different aspects of neurology. Participants will have the opportunity to engage with fellow clinicians and ask questions directly to the faculty. The course is designed to address the current educational needs of primary care physicians, who have a diverse neurologic case mix. This is a fast-paced course with most speakers using an audience response system to provide immediate feedback on their knowledge and the opportunity to reinforce comprehension and retention of key learning objectives. Each session will include time for questions and answers.

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