



The Johns Hopkins
Department of Neurosurgery
presents

Spinal Disorders:

Updates in Diagnosis
and Management
for the Primary
Care Physician

Saturday, April 17, 2010

The Johns Hopkins University
School of Medicine

Thomas B. Turner Building
Baltimore, Maryland

This activity has been approved for 6.75 credits
AMA PRA Category 1 Credits™



JOHNS HOPKINS
MEDICINE

CONTINUING MEDICAL EDUCATION

Description

With the aging population comes new challenges in the management of spinal conditions. It's essential to keep our community of physicians and health care providers abreast of the new technologies and/or methods used to treat spinal disorders. In this activity, we will cover degenerative disorders (spinal disk herniations, spinal stenosis, degenerative spinal column mal-alignment) and oncological disorders (primary spinal tumors and metastatic spinal tumors).

We will examine new treatment protocols dealing with management of spinal disorders in the osteoporotic patient. We will explore non-surgical management (vertebroplasty, kyphoplasty, nerve root blocks, and epidural steroid injections), as well as surgical, both using minimally invasive techniques and standard conventional surgical techniques. Spinal technology is an ever-evolving field. We will use evidence-based medicine to refute or confirm the validity of such new interventions and their impact on functional outcomes.

WHO SHOULD ATTEND

This activity is intended for primary care physicians, internists, family practitioners, pain management physicians, geriatricians, neurologists, rheumatologists, spinal surgeons and others who provide care to patients with spinal disorders.

OBJECTIVES

After attending this activity, the participant will demonstrate the ability to:

- Describe the current treatment options for patients with metastatic spinal column disease
- Describe the current treatment options for patients with lumbar stenosis and neurogenic claudication
- Define the cervical spine pathologies related to rheumatoid arthritis and its surgical management
- Recognize the non-surgical management options for patients with chronic low back and neck pain
- Recognize the selection criteria for patients with low back pain who may benefit from lumbar fusion
- Outline evidence-based literature for management of patients with lumbar disk herniation

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this educational activity for a maximum of 6.75 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of The Johns Hopkins University School of Medicine that the speaker and provider 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). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

General Information

REGISTRATION

Saturday, April 17, 2010
7:30–8:00 a.m.

LOCATION

Thomas B. Turner Building
The Johns Hopkins University
School of Medicine
720 Rutland Avenue
Baltimore, MD 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the contact and travel section at www.HopkinsCME.edu. Handicapped parking is available in the nearby Rutland Garage. **Johns Hopkins is smoke-free.**

Complimentary parking is available in the Washington Street Garage.

FEES

Registration Cut-Off Date:
April 12, 2010

Methods of Payment: Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only.

Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Registration Fee: \$150

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by **April 12, 2010**, call (410) 502-9634 to confirm that you are registered. Certificates of attendance will be mailed by **June 1, 2010**.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

Late Fee And Refund Policy

A \$50 late fee applies to registrations received after 5:00 p.m. EST on April 12, 2010. A handling fee of \$50 will be deducted for cancellation. Refund requests must be received by fax or mail by April 12, 2010. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

HOTEL AND TRAVEL INFORMATION

Guests requiring overnight accommodations can find a listing of hotels in the Baltimore area that may offer a special Johns Hopkins rates and/or transportation. Please inquire directly with the facility. The listing can be found under the Contact and Travel section of our website at www.HopkinsCME.edu.

Call United Airlines at (800) 521-4041 for discounted rates and refer to Meeting ID Number 549TJ. Mileage Plus® miles are available.

ACTIVITY EVALUATION

An activity evaluation form will be available to attendees to evaluate each session and each speaker's presentation, as well as to identify future educational needs.

OUTCOMES SURVEY

An outcomes survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee's practice.

EMERGENCY CALLS

On the day of this activity only, April 17, 2010, direct emergency calls to the Hopkins registration desk at (410) 955-3673. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

To Register

OR FOR FURTHER INFORMATION

Register Online	www.HopkinsCME.edu
Register by Phone (credit card only).....	410-502-9634
Register by Fax.....	866-510-7088
Confirmation/Certificates	410-502-9634
General Information	410-955-2959
E-mail the Office of CME.....	cmenet@jhmi.edu
Sponsoring Department Website: ..	http://www.hopkinsmedicine.org/neuro

For general information, the direct link for this CME activity web page is:
<http://www.hopkinscme.edu/CourseDetail.aspx/80023494>

Acknowledgement

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus.

Program

This schedule is subject to change.

Saturday, April 17, 2010

Morning Session

7:30 Continental Breakfast and Registration

8:00 **Conference Goals and Welcoming Remarks**
Ali Bydon, MD

8:10 **Cervical Radiculopathy and Neck Pain:
Surgical Management**
Timothy Witham, MD, FACS

8:35 **Overview of Nerve Blocks, Implantations, and Non-
Operative Management of Neck and Low Back Pain**
Paul Christo, MD

9:00 **Spondylotic Cervical Myelopathy**
Ali Bydon, MD

9:30 **Cervical Radiculopathy vs. Peripheral Nerve Lesions**
Allan Belzberg, MD

9:55 **Cervical Spine Manifestation of Rheumatoid Disease:
Evaluation and Treatment**
Jean-Paul Wolinsky, MD

10:20 Refreshment Break

10:40 **Spinal Surgery in the Aging Population:
The Challenges of Treating the Osteoporotic Patient**
Timothy Witham, MD, FACS

11:10 **Vertebroplasty/kyphoplasty for Osteoporotic
Compression Fractures**
Daniel Sciubba, MD

11:35 **Metastatic Spinal Tumors: Evaluation and Management**
Jean-Paul Wolinsky, MD

12:00 **Primary Spinal Bony Tumors: Evaluation and
Management**
Ziya Gokaslan, MD, FACS

12:30 Lunch Provided

Afternoon Session

1:15 **Lumbar Disk Herniation: Open vs. Minimally Invasive**
Ali Bydon, MD

1:45 **Lumbar Degenerative Spondylolisthesis:
Diagnosis and Management**
Daniel Sciubba, MD

2:10 **Low Back Pain: Diagnosis and Surgical Management**
Timothy Witham, MD, FACS

2:30 **Advances and Updates on the Non-Operative
Management of Back Pain**
Sherif Meleka, MD

2:55 **Advances and Updates on the Non-Operative
Management of Neck Pain**
Dorianne Feldman, MD, MSPT

3:30 **Concluding Remarks**
Ali Bydon, MD

3:45 Adjourn

Please complete and return the Evaluation and Credit Report Forms.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

Johns Hopkins Speakers



Activity Director
Ali Bydon, MD
Assistant Professor of Neurosurgery



Allan Belzberg, MD
Associate Professor of Neurosurgery



Paul Christo, MD, MBA
Assistant Professor of Anesthesiology
and Critical Care Medicine
Division of Pain Medicine



Dorianne Feldman, MD, MSPT
Instructor in Physical Medicine and
Rehabilitation



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Professor of Neurosurgery, Orthopedic
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Daniel Sciubba, MD
Assistant Professor of Neurosurgery



Timothy Witham, MD, FACS
Assistant Professor of Neurosurgery



Jean-Paul Wolinsky, MD
Assistant Professor of Neurosurgery

Registration Form

Course Number 80023494

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April 17, 2010

To Register: Online: www.HopkinsCME.edu

By fax: (866) 510-7088 **By phone** (credit card only): (410) 502-9634

Or mail this form to The Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to **HOPKINS/80023494**, or include credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.

Please type or print clearly:

last name first name middle initial

primary degree (for name badge) primary specialty

preferred mailing address

city state ZIP + 4 code country

daytime telephone fax number

e-mail

You will receive confirmation notice by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail and/or fax notices about upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fee \$150

For registrations received after 5:00 p.m. EST on April 12, 2010, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$.

Payment Type:

JHU Faculty/Staff Only: Complete registration form and return with appropriate form below to OCME, Turner 20.

Internal Order Number: The ION Data Request Form, can be found online at <http://www.hopkinscme.edu/pdfs/IonRequest.pdf>.

Tuition Remission: To apply for TR, go to <http://benefits.jhu.edu/EduBenefits/tuitionRemission.cfm>.

This is a non-credit professional development activity.

Check (See instructions on top of form.)

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # - - - Exp. Date

Name on Card

Signature and Date



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Office of Continuing Medical Education
The Johns Hopkins University School of Medicine
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Baltimore, MD 21205-2195

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DATED MATERIAL