

# ADVANCES IN NEUROSCIENCES FIFTH ANNUAL BAY AREA SYMPOSIUM



**REGISTER TODAY**  
MARK YOUR CALENDAR!  
**JULY 9, 2011**

7 am to 5 pm, Washington Hospital Healthcare System  
Fremont, California

Course Directors: Sandeep Kunwar, MD,  
David Larson, MD, PhD, FASTRO, FACR,  
and Moses Taghioff, MD, FACS

TAYLOR McADAM BELL   
NEUROSCIENCE INSTITUTE  
WASHINGTON HOSPITAL HEALTHCARE SYSTEM



WASHINGTON HOSPITAL HEALTHCARE SYSTEM invites you to the fifth annual Advances in Neurosciences Symposium jointly sponsored by the Taylor McAdam Bell Neuroscience Institute and the Washington Hospital Healthcare System Medical Staff CME Program. At this meeting, you will hear from a group of distinguished speakers from North America. The symposium will be held at the beautiful auditoriums in "Washington West" at Washington Hospital in Fremont, California.

**Sandeep Kunwar, MD**

*Co-Director, Gamma Knife Program  
Washington Hospital Healthcare System*

**David Larson, MD, PhD, FASTRO, FACR**

*Co-Director, Gamma Knife Program  
Washington Hospital Healthcare System*

**Moses Taghioff, MD, FACS**

*Medical Director, Perioperative and Strategic Surgical Services  
Washington Hospital Healthcare System*

## OVERVIEW OBJECTIVES

At the completion of the symposium, participants should be able to show improvement in physician competence, physician performance, and patient outcomes related to the following, but not restricted to the topics listed below:

1. Radioablation and Radiosurgery of the Brain.
2. Endovascular Neurosurgery in the 21st Century.
3. Advances in Nerve Surgery Since World War II.
4. Maximizing Extent of Resection for Gliomas to Enhance Survival.
5. Human Stem Cells and Gliomas.
6. Stratification of Demyelinating Disease and Predictive Markers for Therapy.
7. Minimally Invasive Approach for Degenerative Scoliosis.
8. Management of Major Complications in Spinal Surgery.
9. Outcome Analysis of Ventral Craniovertebral Decompressive Procedures and Relevant Operative Findings.
10. Radiosurgery for Skull Based Lesions.
11. Deep Brain Stimulation and Adjustment of Activity of Dysfunctional Brain Circuits.

**PATRICIA DANIELSON, RHIT**

*President, Board of Directors  
Washington Township Health Care District  
Fremont, CA*

**NANCY FARBER**

*Chief Executive Officer  
Washington Hospital Healthcare System  
Fremont, CA*

**WASHINGTON HOSPITAL FACULTY****MOSES TAGHIOFF, MD, FACS**

*(Moderator)  
Neurological Surgery  
Medical Director, Periop/Strategic Surgical Services  
Washington Hospital Healthcare System  
Fremont, CA*

**SANDEEP KUNWAR, MD**

*Neurological Surgery  
Co-Director, Gamma Knife Program  
Washington Hospital Healthcare System  
Fremont, CA*

**DAVID LARSON, MD, PHD,  
FASTRO, FACR**

*Radiation Oncologist  
Co-Director, Gamma Knife Program  
Washington Hospital Healthcare System  
Fremont, CA*

**REZA MALEK, MD**

*Neurological Surgery  
Neurointerventional Radiologist  
Washington Hospital Healthcare System  
Fremont, CA*

**GUEST FACULTY****MITCHEL BERGER, MD, FACS, FAANS**

*Professor and Chairman  
Department of Neurological Surgery  
Kathleen M. Plant Distinguished Professor  
Director, Neurosurgical Research Centers  
Brain Tumor Research Center  
University of California, San Francisco  
San Francisco, CA*

**DAVID GELLINGER KLINE, MD**

*Emeritus Chair & Boyd Professor of Neurosurgery  
Louisiana State University Health Sciences  
Center – Retired  
Louisiana State University  
New Orleans, LA*

**ANDRES M. LOZANO, MD, PhD,  
FRCSC, FRS**

*Professor and Dan Family Chairman  
of Neurosurgery  
University of Toronto  
RR Tasker Chair in Functional Neurosurgery  
Toronto Western Hospital  
Senior Scientist, Toronto Western  
Research Institute  
Past-President, World Society for  
Stereotactic and Functional Neurosurgery  
Toronto, Ontario*

**ARNOLD H. MENEZES, MD**

*Professor and Vice Chairman  
Department of Neurosurgery  
University of Iowa Hospitals & Clinics  
Iowa City, Iowa*

**PRAVEEN MUMMANENI, MD**

*Associate Professor of Neurological Surgery  
Director of Minimally Invasive and Cervical  
Spine Surgery  
Director, Minimally Invasive and Complex  
Spine Fellowship Program  
Co-Director, Spinal Surgery and UCSF  
Spine Center  
University of California, San Francisco  
San Francisco, CA*

**DHEERENDRA PRASAD, MD, MCH**

*Director of Gamma Knife Center  
Medical Director, Radiation Medicine  
Department  
Roswell Park Cancer Institute  
Buffalo, NY*

**NADER SANAI, MD**

*Director, Neurosurgical Oncology  
Director, Barrow Brain Tumor Research Center  
Barrow Neurological Institute  
Phoenix, AZ*

**LAWRENCE STEINMAN, MD**

*Professor, Neurology & Neurological Sciences  
Professor, Genetics and Pediatrics  
Stanford School of Medicine  
Stanford, CA*

- 7:00 am – 7:45 am **Registration & Continental Breakfast**
- 7:45 am – 8:00 am **Introduction & Welcome**  
Moses Taghioff, MD, FACS (Moderator)  
Patricia Danielson, RHIT, President, Board of Directors  
Nancy Farber, Chief Executive Officer

**SESSION 1: RADIOSURGERY**

- 8:00 am – 8:40 am **Radioablation, Radiosurgery and Dandelions**  
David Larson, MD, PhD, FASTRO, FACR
- 8:40 am – 9:20 am **Radiosurgery for Skull Base Lesions**  
Dheerendra Prasad, MD, MCH

**SESSION 2: SPINE**

- 9:20 am – 10:00 am **Major Complications in Spinal Deformity Surgery**  
Praveen Mummaneni, MD
- 10:00 am – 10:40 am **Minimally Invasive Approach for Degenerative Scoliosis; Leveling the Playing Field**  
Sandeep Kunwar, MD
- 10:40 am – 11:25 am **Outcome Analysis of Ventral Craniovertebral Decompressive Procedures and Relevant Operative Findings**  
Arnold H. Menezes, MD

11:25 am – 11:40 am **Break**

**SESSION 3: NEUROSURGERY**

- 11:40 am – 12:25 pm **Maximizing Extent of Resection for Gliomas to Enhance Survival**  
Mitchel Berger, MD, FACS, FAANS
- 12:25 pm – 1:05 pm **Adjusting the Activity of Dysfunctional Brain Circuits with Deep Brain Stimulation**  
Andres M. Lozano, MD, PhD, FRCSC, FRS

**LUNCH**

1:05 pm – 2:05 pm **Lunch**

**SESSION 4: NEUROLOGY**

- 2:05 pm – 2:45 pm **Stratification of Demyelinating Disease and Predictive Markers for Choice of Therapy**  
Lawrence Steinman, MD

**SESSION 5: RESEARCH**

- 2:45 pm – 3:25 pm **Human Neural Stem Cells and Gliomas**  
Nader Sanai, MD
- 3:25 pm – 3:40 pm **Break**

**SESSION 6: PERIPHERAL NERVE**

- 3:40 pm – 4:20 pm **Significant Advances in Nerve Surgery Since WW II**  
David Gellinger Kline, MD

**SESSION 7: INTERVENTIONAL**

- 4:20 pm – 5:00 pm **Endovascular Neurosurgery in the 21st Century**  
Reza Malek, MD
- 5:00 pm **Evaluations and Adjourn**

## MEETING LOCATION

**Washington Hospital Healthcare System  
Washington West  
2500 Mowry Avenue, Fremont, CA 94538**

Washington West is located across the street from Washington Hospital in Fremont, California. The conference will be held in the Conrad E. Anderson, MD Auditoriums on the first floor of Washington West.

Washington Hospital Healthcare System is located approximately 22 miles from the Oakland International Airport, 17 miles from Mineta, San Jose Airport and 37 miles from San Francisco International Airport.

## HOTEL RESERVATIONS

A block of rooms has been reserved at the Fremont Marriott Silicon Valley (46100 Landing Parkway, Fremont, CA). To make a reservation, please call (800) 455-6712 or the hotel direct at (510) 413-3700. Please mention that you will be attending the "Advances in Neurosciences, Fifth Annual Bay Area Symposium" at Washington Hospital to receive the special symposium rate of \$79 per night, plus tax. Reservations must be made by June 17, 2011 to receive this rate.

## FACULTY DISCLOSURE

*In accordance with Accreditation Council for Continuing Medical Education requirements on disclosure, information about relationships of presenters with commercial interests (if any) will be included in materials distributed at the time of the conference.*

## WHO SHOULD ATTEND

This program is designed for neurologists, neurosurgeons, radiation oncologists, medical oncologists, internal medicine physicians, family practice physicians and physicians in training who care for patients with neurological disorders. Nurses and other health care professionals involved in the management of neuroscience patients are welcome to attend.

## ACCREDITATION / CONTINUING MEDICAL EDUCATION

Washington Hospital Healthcare System is accredited by the Institute for Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education for

physicians. Washington Hospital takes responsibility for the content, quality, and scientific integrity of this CME activity. Washington Hospital designates this educational activity for a maximum of **7.5** AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## REGISTRATION INFORMATION

Registration fee is \$195 for physicians and \$125 for physicians in training and other health professionals. Walk-in registration will be accepted on a limited basis.

Registration by phone is available until July 5, 2011. Registration is on a first come, space available basis. We highly recommend registering by phone. It is the quickest and easiest way to register and will allow you to gain immediate confirmation of your registration. You may register by phone by calling: (510) 791-3417.

Mailing and faxing registration is available until July 5, 2011. Mail the registration form to Community Relations, address listed below. Faxed registrations are acceptable and may be faxed to (510) 791-3496.

## CANCELLATION

All cancellations must be in writing and sent to us via U.S. mail, e-mail or fax. Tuition for cancellations postmarked or date stamped on or before June 24, 2011 will be completely refunded. After June 24, 2011, a \$50 administrative fee will be assessed. No refunds will be made after July 5, 2011. Cancellation requests can be made to:

**Community Relations  
2000 Mowry Avenue  
Fremont, CA 94538  
Email: [Mary\\_Henneuse@whhs.com](mailto:Mary_Henneuse@whhs.com)  
Phone: (510) 791-3417  
Fax: (510) 791-3496**

**DEMOGRAPHICS**

Prefix:  Mr.  Mrs.  Ms.  Dr.  Other; please indicate: \_\_\_\_\_

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_ Suffix (Jr., Sr., etc.): \_\_\_\_\_

Company/Institutional Affiliation: \_\_\_\_\_

Specialty: \_\_\_\_\_

Degree:  MD  DO  Resident  PhD  MPH  RN \*required

Other; please indicate: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Work Telephone ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

Email Address: \_\_\_\_\_

How did you hear about this conference?

Direct Mail  Email  Place of Employment  Word of Mouth

Lunch Preference:  Vegetarian  No Special Dietary Requirements

Special Needs:  Hearing Impaired  Sight Impaired  Other: \_\_\_\_\_

**REGISTRATION FEES**

**FEE\*\***

Physicians \$195

Physicians in Training\* \$125

Nurses & Other Health

Care Professionals

\* With letter from program director.

\*\* Walk-in registration accepted on a limited basis.

Total Due: \_\_\_\_\_

Payment must accompany registration.

**METHOD OF PAYMENT**

The following methods of payment are acceptable for the registration fee:

1. Checks: Make Payable to Washington Hospital Healthcare System

Employer Check Included

Personal Check Included

Employer or Personal Check to Arrive Under Separate Cover

There is a \$25.00 returned check fee.

2. Credit Card Payments (We encourage all credit card users to register by phone)

Visa  MasterCard  American Express  Discover

Credit Card No.: \_\_\_\_\_

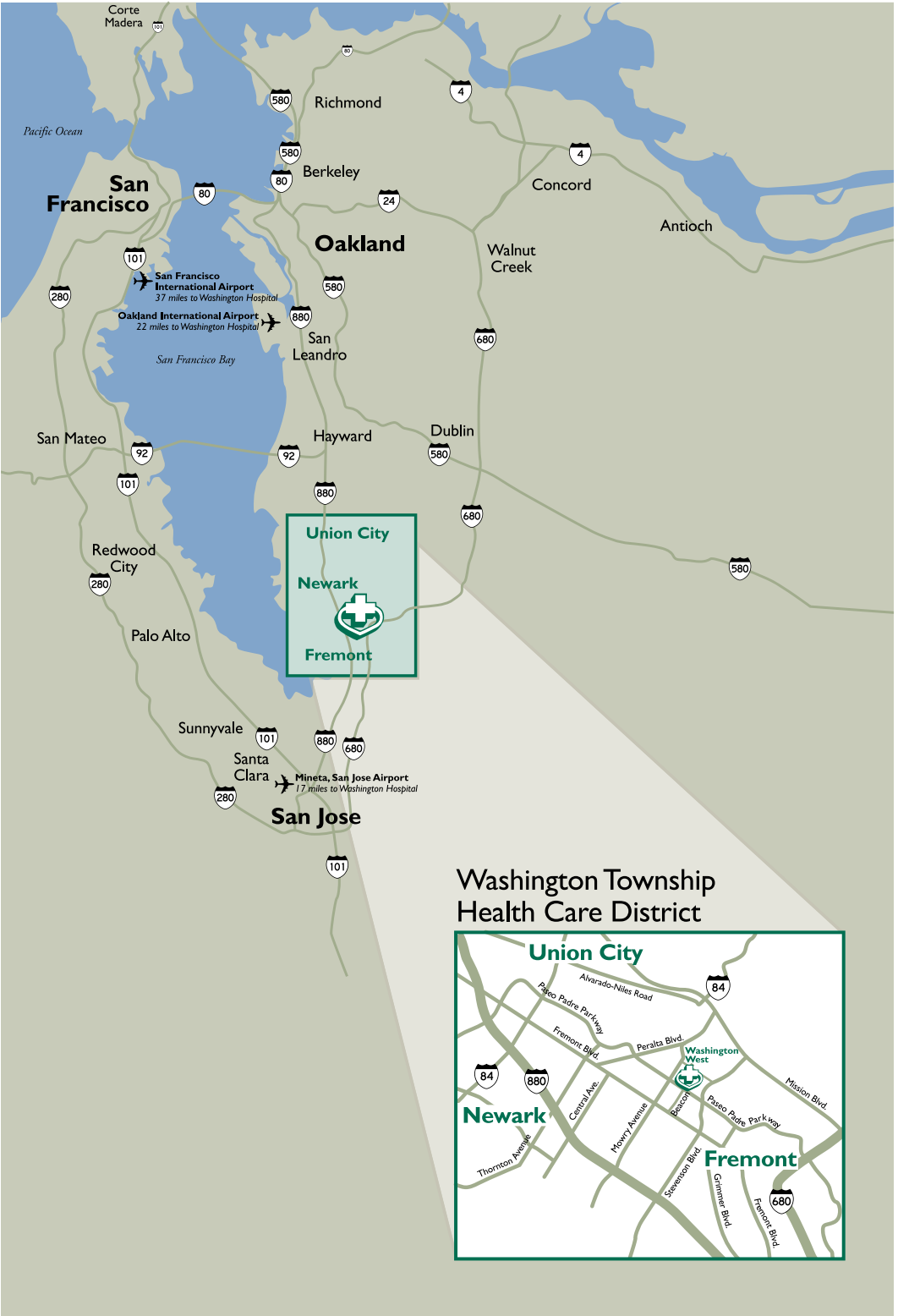
CVD No.: \_\_\_\_\_ (3-digit number on the back of your credit card)

Expiration Date \_\_\_\_\_ (month/year)

Signature \_\_\_\_\_

**Fax completed Registration Form to (510) 791-3496**

For more information, please contact Community Relations at (510) 791-3417 or email: [Mary\\_Henneuse@whhs.com](mailto:Mary_Henneuse@whhs.com)





**Washington Hospital Healthcare System**

Investing in the health of the community.

2500 Mowry Avenue, Fremont, CA 94538-1716

Register Today for the Fifth Annual  
“Advances in Neurosciences” Symposium, July 9, 2011 |



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**PAID**

FREMONT, CA

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