



The 30th Annual
High Country
Nuclear
Medicine
Conference

The Village at Squaw Valley USA

Lake Tahoe, CA

March 6 – 11, 2009

www.snm.org/hcnmc

*Thirty years of promoting professional inter-
disciplinary dialogue on diagnostic imaging*



The 30th Annual High Country Nuclear Medicine Conference

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inter-disciplinary dialogue on diagnostic imaging

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Program Overview

A major emphasis of the meeting is fostering open and informal discussion; therefore, the dress code is informal and enrollment is limited to 130 registrants at any one session. If the conference is filled, registrants will be placed on a waiting list as applications are received. The program runs Saturday through Wednesday morning.

Course Description

For more than a quarter century, the High Country Nuclear Medicine Conference has featured contemporary and futuristic topics in nuclear medicine and other imaging disciplines. High Country will continue to blend experts from academia and industry, along with leaders within the regulatory agencies and health care researchers in an informal setting to facilitate dialog and an exchange of ideas. This year's meeting, with anticipated attendance in excess of 130 participants, promises to open avenues of collaboration on a variety of topics important to the nuclear medicine community. Among the countless issues to be addressed are such topics as Novel Applications of Cardiovascular Nuclear Medicine, Best Practices/ Practice Standards, Cardiac Protocols, Advances in Instrumentation, Fluorine vs. Technetium, and Pediatrics. In addition, this year we will continue to have an Invitational Lecture that High Country attendees continually look forward to. The unique structure of this conference provides an opportunity for participants to network and conduct frank discussions in diverse social settings.

The first day of the conference will feature sessions on Novel Applications of Cardiovascular Nuclear Medicine, including a panel discussion on the potential clinical impact of new cardiovascular nuclear medicine techniques. In addition, there will be a Best Practices/Practice Standards session focused on PET/CT. The session will conclude with a panel discussion, "Should most body oncology PET/CT be done "eyes to thighs" routinely or should axial coverage be on an individual basis?" Sunday will begin with "The Need for Speed: Cardiac Protocols," software approaches to improve laboratory efficiency. The Sunday afternoon session focuses on advances in instrumentation. Monday sessions will focus on the annual regulatory session that will address the current regulatory and legislative challenges to the nuclear medicine industry. The session will also feature a televised connection with FDA and CMS to gain input from regulatory agencies. In addition, there will be a Brain Session focusing on advances in therapeutics for treating Alzheimer's Disease, as well as the current status of amyloid imaging agents. A morning session on Tuesday will provide an overview of molecular imaging biomarkers and personalized medicine with a discussion surrounding roadblocks for imaging biomarker approval and Mo-99/Tc-99m. The panel will include discussion regarding the most successful path for imaging biomarker development and use. The Tuesday afternoon session, Pediatrics, focuses on Neuroblastoma with a panel discussion on the future of pediatric nuclear medicine and the impact of anticipated changes and developments. Finally, by popular request, the conference will end with a summary of conference highlights and a dialog to chart the future of the HCNMC.

High Country Nuclear Medicine Conference Schedule

March 6 – 11, 2009

FRIDAY
MARCH 6

6:00PM–8:30PM
Registration and Reception

SATURDAY
MARCH 7

7:00AM–9:30AM
***Novel Applications of Cardiovascular
Nuclear Medicine***
*Moderators: Robert Hendel, MD, Daniel Berman, MD,
Ernest Garcia, PhD*

Cardiac Metabolic and Neurohumoral Imaging
Mark I. Travin, MD

Atherosclerosis Imaging: Multimodality Options
Frank M. Bengel, MD

Cardiac Dyssynchrony
Ernest Garcia, PhD

Coronary Blood Flow Assessment
Jamshid Maddahi, MD

Cardiac Image Fusion
Piotr Slomka, PhD

Panel Discussion: "What is the Clinical Potential of New
Cardiovascular Nuclear Medicine Techniques?" (30 minutes)

4:30PM–7:30PM
PET/CT–Best Practices/Practice Standards

*Moderators: James Fletcher, MD, Paul Shreve, MD,
Dominique Delbeke, MD, PhD*

Overview of Contentious PET/CT Practices
James W. Fletcher, MD

Whole Body versus Sectional PET/CT Imaging
Proponent for Whole Body PET/CT Imaging
Johannes Czernin, MD

SATURDAY

MARCH 7

cont'd

Proponent for Sectional PET/CT Imaging

George Segall, MD

Meeting the Evolving Needs of the Referring Physician

Dominique Delbeke, MD, PhD

Dose/Dosimetry Considerations for PET/CT

Paul Shreve, MD

Panel Discussion: Should Most Body Oncology PET/CT Be Done "Eyes to Thighs" Routinely or Should Axial Coverage be on an individual basis? (30 minutes)

SUNDAY

MARCH 8

7:00AM–9:30AM

The Need for Speed: Cardiac Protocols

Moderators: Robert Hendel, MD, Daniel Berman, MD, Ernest Garcia, PhD

Hardware Approaches

Daniel Berman, MD

Software Techniques

Jack A. Ziffer, MD, PhD

Stress Protocols: Rapid Sequence, Stress Only, A2a Agents

Robert Hendel, MD

Logistics, Accreditation, Reimbursement

Edward Ficaro, PhD

Panel Discussion: Searching for the Optimal SPECT MPI Protocol. (30 minutes)

4:30PM–7:30PM

Advances in Instrumentation

Moderators: Horace Hines, PhD, David Hollnagel, BS, CNMT

Initial Experience with Flat Panel SPECT/CT and Big Bore Time of Flight

Horace Hines, PhD

Revolutionary Advances in Cardiac SPECT Imaging

Ernie Garcia, PhD

Improving Clinical Efficiency of SPECT/CT and PET/CT

Hans Vija, PhD

Panel Discussion: What Effects Might Advances in Instrumentation Have on Clinical Protocol Standards eg: Normals db, SUV Calculations, etc.? (30 minutes)

Horace Hines, PhD

MONDAY
MARCH 9

7:00AM–9:30AM

Nuclear Medicine Regulatory Forum

*Moderators: George Mills, MD, Roy Brown, MA,
Denise A. Merlino, MBA, CNMT, CPC*

Current Regulatory Issues in the Radiopharmaceutical Industry

Roy W. Brown, MA

Imaging Crisis: Payer Perspective

Neil Jensen

Imaging Crisis: Provider Perspective

Robert Hendel, MD

Panel Discussion: Radiopharmaceutical Regulatory and Utilization Issues

*Neil C. Jensen, MHA, MBA, Robert Hendel, MD, CMS (TBD),
FDA (TBD)*

4:30PM–6:30PM

Amyloid Imaging, AD Therapy and Movement Disorders

Moderator: Michael D. Devous, Sr., PhD

Advances in Therapeutics for Treating Alzheimer's Disease

Ramon Diaz-Arrastia, MD, PhD

Current Status of Amyloid Imaging Agents

Daniel M. Skovronsky, MD, PhD

Amyloid in Normal Aging and Mild Cognitive Impairment

Michael D. Devous, Sr. PhD

**Imaging the Dopamine System in Movement Disorders:
DAT versus VMAT2**

John S. Seibyl, MD

Panel Discussion: (30 minutes)

6:30PM–7:30PM

9th Invitational Lecture

Jack A. Ziffer, MD, PhD

7:45PM–9:30PM

Buffet Banquet

TUESDAY

MARCH 10

7:00AM–9:30AM

Fluorine vs Technetium

Moderators: James Fletcher, MD and Roy Brown, MA

Brief Overview of Molecular Imaging Biomarkers and Personalized Medicine

James W. Fletcher, MD

Roadblocks for Imaging Biomarker Approval

Adrian Nunn, PhD

Where Will We Get Mo-99/Tc-99m in the Future?

Roy Brown, MA

Zn/Cu /Generator Systems and Potential Radiopharmaceuticals/Applications for PET Imaging Biomarkers

Mark Green, PhD

MOMIAs as Imaging Biomarkers: Potential Roles in Personalized Medicine

Eva Sevick-Muraca, PhD

Ge/Ga Generator Systems and Potential Radiopharmaceuticals/Applications for PET Labeled Biomarkers

Patrick J. Donahue, BSChE, PE, MBA

Panel Discussion: What Will be the Most Successful Path for Imaging Biomarker Development and Use? (30 minutes)

4:30PM–7:30PM

Pediatrics

Moderators: Naomi Alazraki, MD and Barry Shulkin, MD, MBA

Clinical Introduction to Pediatric Nuclear Medicine; Focus on Neuroblastoma: Diagnosis and Therapies

Barry Shulkin, MD, MBA

Development of New Ab for Neuroblastoma Imaging and Cold Ab Therapy

Alan B. Packard, PhD and Barry Shulkin, MD, MBA

Special Considerations for Pediatric Clinical Trials: Experience With I-123 MIBG For Neuroblastoma

Arnold F. Jacobson, MD, PhD

Brain Imaging in Pediatrics: Epilepsy and Tumors

Daniel H. Silverman, MD, PhD

TUESDAY
MARCH 10

cont'd

Issues of Radiation for Pediatric Patients with Emphasis on Minimizing Radiation

Frederic H. Fahey, D.Sc.

Commercial Perspectives on Pediatric Instrumentation and Radiation Minimization

Thomas Lamoureux

Panel Discussion: Future of Pediatric Nuclear Medicine: Impact of Anticipated Changes and Developments
(30 minutes)

WEDNESDAY
MARCH 11

7:00AM–9:30AM

Conference Highlights and Future Directions

Moderators: Andrew Taylor, MD, Michael Devous, Sr., PhD, and Denise A. Merlino, MBA, CNMT, CPC

2009 Faculty, Organizing and Management Committees

Naomi P. Alazraki, MD*
VA Medical Center
Decatur, GA

Frank M. Bengel, MD
John Hopkins Medical Institutions
Baltimore, MD

Daniel S. Berman, MD*
Cedars-Sinai Medical Center
Los Angeles, CA

Roy W. Brown, MA, BS*
Nuclear Medicine Solutions, Inc.
St. Louis, MO

Peter S. Conti, MD, PhD**
University of Southern California
Los Angeles, CA

Johannes Czernin, MD
UCLA Nuclear Medicine
Los Angeles, CA

Dominique Delbeke, MD, PhD*
Vanderbilt Hospital
Nashville, TN

Michael D. Devous, PhD*
UT Southwestern Medical Center
Dallas, TX

Ramon Diaz-Arrastia, MD, PhD
UT Southwestern Medical Center
Dallas, TX

Patrick J. Donahue, BSChE, PE, MBA
Eckert & Ziegler Eurotope GmbH
Hopkinton, MA

Frederic H. Fahey, DSc
Children's Hospital Boston
Boston, MA

Edward Ficaro, PhD
INVIA Medical Imaging Solutions
Ann Arbor, MI

James W. Fletcher, MD**
Indiana University
Indianapolis, Indiana

Ernest V. Garcia, PhD**
Emory University Hospital
Atlanta, GA

Michael M. Graham, PhD, MD*
University Of Iowa
Iowa City, IA

Mark A. Green, PhD
Purdue University
West Lafayette, IN

Robert C. Hendel, MD*
Midwest Heart Specialists
Winfield, IL

Horace H. Hines, PhD
Philips Healthcare
Milpitas, CA

David M Hollnagel, BS, CNMT**
GE HealthCare
Sussex, WI

Ora Israel, MD*
Rambam Health Care Center
Haifa, ISRAEL

Arnold F. Jacobson, MD, PhD
GE Healthcare
Princeton, NJ

Neil C. Jensen, MHA, MBA
United Healthcare
Edina, MN

* Organizing Committee

+ Management Committee

Thomas L. Lamoureux
GE Healthcare
Waukesha, WI

Jashmid Maddahi, MD
UCLA School of Medicine
Los Angeles, CA

Denise A. Merlino, MBA, CNMT, CPC**
Merlino Healthcare Consulting Corp
Magnolia, MA

George Q. Millis, MD*
Perceptive Informatics
Gaithersburg, MD

Adrian D. Nunn, PhD**
Bracco Research USA
Princeton, NJ

Harold A. O'Brien, PhD**
O'Brien & Associates
Los Alamos, NM

Alan B. Packard, PhD
Children's Hospital Harvard Medical
School
Boston, MA

George M. Segall, MD
VA Medical Center
Palo Alto, CA

John S. Seibyl, MD
Institute for Neurodegenerative
Disorders Molecular–Neuroimaging,
LLC
New Haven, CT

Carl W. Seidel, MS, BS*
Carl W. Seidel & Associates
Nashua, NH

Eva Sevcik-Muraca, PhD
The Brown Foundation Institute of
Molecular Medicine
Houston, TX

Paul D. Shreve, MD
Advanced Radiology Services, P.C.
and Spectrum Health
Grand Rapids, MI

Barry L. Shulkin, MD, MBA
St. Jude Children's Research Hospital
Memphis, TN

Daniel H. Silverman, MD, PhD
University Of California, Los Angeles
Los Angeles, CA

Daniel M. Skorrnsky, MD, PhD
Avid Radiopharmaceuticals, Inc.
Philadelphia, PA

Piotr Jan Slomka, PhD
Cedars-Sinai Medical Center
Los Angeles, CA

James Smith, PhD*
JES Consulting
Harswell, ME

Andrew Taylor, MD*
Emory University School of Medicine
VA Medical Center
Atlanta, GA

Mark I. Travin, MD
Montefiore Medical Center
Bronx, NY

Thomas A. Verdon, MD*
Conifer, CO

Hans Vija, PhD
Siemens Medical Solutions
Hoffman Estates, IL

Gregory A. Wiseman, MD*
Mayo Clinic Nuclear Medicine
Rochester, MN

Jack A. Ziffer, MD, PhD
Baptist Hospital of Miami
Miami, FL

* Organizing Committee

+ Management Committee

Meeting Information

Conference Fees

A \$750 registration fee is required by January 20, 2009. After that date, an additional \$100 will be charged. Daily registration fee is \$340 and a single session fee is \$175.

Registration includes a reception from 6 to 8:30 pm Friday to which spouses, friends and children are invited without a additional charge. A buffet dinner for registrants follows the Monday afternoon session, and guests are welcome to attend, for an additional fee. Also, guests are invited to attend the Invitational Lecture on Monday.

Food and beverages at all sessions are included in the registration fee for **conference registrants only**. To purchase a daily foodpass for family or friends, please contact Nikki Wenzel-Lamb at 703-652-6766 or by email: nwenzel@snm.org

Cancellation Policy

Written cancellations received by 12:00AM EST, Friday, January 30, 2009 are refundable, less a \$50.00 processing fee. After January 30, 2009, cancellations will not be refunded and are subject to the entire workshop fee. Please note that if you do not cancel by January 30, 2009 and do not attend, refunds will not be processed. Substitutions may be made at anytime.

Cancellations made by email must be received by 12:00AM EST, January 30, 2009. Cancellations made by mail must be postmarked by January 30, 2009.

All refunds will be mailed within 4 weeks after the meeting. SNM will not be held liable for cancellation fees to hotels, airlines or other means of transportation.

Send written notification to:

Maureen O'Connor
SNM
1850 Samuel Morse Drive
Reston, VA 20190
Email: meetinginfo@snm.org
Fax: 703-709-9274

Complete the section on "Attendance" on the registration form, as this information will be used in ordering the quantity of food and beverage for each session.

Information on recreation opportunities in Lake Tahoe, including skiing, will be available on the conference website (www.snm.org/hcnmc/).

Hotel Reservations

To make your reservations, please contact the Village at Squaw Valley at 888-767-1907 to book sleeping rooms. Please reference "SNM High Country Meeting" to book rooms under the group reservation. The Room Rate is \$259 per night for a one bedroom suite. There will be free internet access in all rooms and complimentary underground parking in heated garage to all guests of High Country.

Please Note: Reservations must be received no later than January 20, 2009 to receive the group rate. Housing is NOT guaranteed even if you make your reservation prior to the January 20, 2009 deadline. (Make your housing reservation as soon as you know you will be attending the conference.)

Hotel Policy: All individual reservations require a deposit of one night's room and tax. The remaining balance will be charged in full at check-in.

Lodging is not included in the registration fee.

Remember that February and March are high season in Lake Tahoe and rooms are difficult to find. So make your reservations early.

As a special concession to our conference, only the first night room rate and tax will be charged when the reservation is made. The remainder of room rate and tax for the entire stay will be charged at check-in. So there is no advantage in delaying making your reservation once you have decided to attend.

In the event of a verified serious illness or death in the immediate family, all deposits will be refunded. **Please Note: All reservations not cancelled 30 days prior to the first night of stay will be charged in full and non-refundable!**

Please Note: If a cancellation occurs within 30 days of arrival, the full amount of anticipated room revenue that was billed to the credit card or sent by check will be forfeited.

Getting to The Village at Squaw Valley

North Lake Tahoe Express is the newest shuttle service servicing the North Lake Tahoe area from the Reno-Tahoe Airport and exactly what we have been waiting for! Available from 3:30AM until Midnight! Reasonable rates, regularly scheduled service, and it drops you off right at our front door! Call (866) 216-5222 for reservations or visit www.NorthLakeTahoeExpress.com for more information.

Registration Form

The 30th Annual High Country Nuclear Medicine Conference
March 6–March 11, 2009

Name: _____ Degree: _____

Institution: _____

Address: _____

City: _____ State: _____ ZIP: _____

Telephone: _____ Fax: _____

E-mail (required): _____

ATTENDANCE: (Conference Registrants: please check all sessions/functions you will attend)

- | | |
|---|--|
| <input type="checkbox"/> Friday evening Reception | <input type="checkbox"/> Saturday morning |
| <input type="checkbox"/> Saturday afternoon | <input type="checkbox"/> Sunday morning |
| <input type="checkbox"/> Sunday afternoon | <input type="checkbox"/> Monday morning |
| <input type="checkbox"/> Monday afternoon | <input type="checkbox"/> Monday Buffet |
| <input type="checkbox"/> Tuesday morning | <input type="checkbox"/> Tuesday afternoon |
| <input type="checkbox"/> Wednesday morning | |

GUESTS ATTENDING: (Other than registrant)

Reception: Adults _____ Children _____

Monday Buffet: Adults _____ Children _____

CONFERENCE FEES:

- | | |
|---|---|
| <input type="checkbox"/> \$750 On/before January 20, 2009 | <input type="checkbox"/> \$340 Daily Registration Fee |
| <input type="checkbox"/> \$850 After January 20, 2009 | <input type="checkbox"/> \$175 Single Session Fee |

Payment

- Check:** (US currency payable to SNM-High Country Nuclear Medicine Conference)
 Charge: VISA MasterCard AMEX

Number: _____

Signature: _____ Exp. Date: _____

MAIL REGISTRATION FORM AND PAYMENT TO:

Meetings Department
SNM
1850 Samuel Morse Drive
Reston, VA 20190

Phone: 703.708.9000
Fax: 703.709.9274
E-mail: meetingsinfo@snm.org

*Cancellation allowed if received on or before **January 20, 2009**.*