

Diagnostic Error in Medicine

2009



FEATURED SPEAKERS

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| Jerome Kassirer | Clinical Reasoning – Lessons for the 21st Century |
| Pat Croskerry | Lessons from the Dual Process Model of Reasoning |
| Wolfgang Gaissmaier | Fast and Frugal Decisions – Can They Be Improved? |

OCTOBER 21-22, 2009

LOS ANGELES, CALIFORNIA

The thematic image of the conference reflects the uncertainty of understanding the human condition. The image is a commemorative medallion created by the Portuguese artist Irene Vilar (1931-2008) for the 4th National Congress of Medicine, Lisbon, used with permission of her estate.



Diagnostic Error in Medicine 2009

OCTOBER 21-22, 2009 | LOS ANGELES, CALIFORNIA

www.smdm.org/diagnostic_errors.shtml

Colleagues:

We are pleased to announce the 2nd international conference on **DIAGNOSTIC ERROR IN MEDICINE – 2009** to be held in association with the annual meeting of the Society for Medical Decision Making. We hope to build on last year's successful inauguration by continuing the discussion of diagnostic errors and expanding the constituency of advocates dedicated to addressing this key problem.

The Hollywood Renaissance is one of the most beautiful and exciting conference venues you will ever experience. Details and instructions on registration and abstract submission can be found on the conference website: http://www.smdm.org/diagnostic_errors.shtml Registration will open June 15th, and in the meantime please **SAVE THE DATE**.

Mark L. Graber, MD & Gordy Schiff, MD
Conference Co-Chairs

PURPOSE AND SCOPE The ultimate goal of this conference is to improve patient safety by reducing the likelihood of diagnostic error in medicine. Minimizing diagnostic error is an essential component of safe patient care, and towards this end the conference activities are organized to summarize the current state of the field, to review active research, and to consider emerging ideas on the educational and research agenda that should be implemented to minimize diagnostic error.

Important Dates:

- Thurs., September 24, 2009** Hotel Reservations, Deadline for Group Rate
- Friday, September 25, 2009** Early Bird Registration Deadline (3 weeks prior to the Meeting)
- Friday, September 25, 2009** Cancellation Deadline (3 weeks prior to the Meeting)

For further information on the DEM Conference visit www.smdm.org/diagnostic_errors.shtml

For further information on the SMDM Conference visit <http://www.smdm.org/confoverview.shtml>

OBJECTIVES The conference goal is to build a scientific and practical understanding of diagnostic error in medicine and foster the development of solutions by:

- Focusing attention on the frequency, impact, and public health significance of medical misdiagnosis
- Developing a core constituency of committed advocates from diverse backgrounds and perspectives
- Discussing the nature, causes, and remedies for diagnostic error in medicine,
- Sharing research methods and results relevant to clinical reasoning, diagnostic error, and misdiagnosis-related harm

SESSION TOPICS AND THEMES

- Approaches of leading healthcare organizations to reduce diagnostic error
- Experience with decision-support products that aid with diagnosis
- Overview of research in progress to reduce diagnostic error
- Understanding the root causes of diagnostic error - Dissecting a case
- Next steps in research – Developing a research agenda to reduce diagnostic error in emergency and critical care medicine, ambulatory care, and perceptual fields.
- Next steps in education - Developing a national consensus curriculum for clinical reasoning and cognitive error prevention

AUDIENCE Practicing clinicians, cognition scientists, safety officers and risk managers, informatics professionals, clinical and basic investigators, educators, and trainees. Victims of diagnostic error who wish to contribute to a positive dialogue are especially welcome.

MEETING SITE, DATES, TIMES *Diagnostic Error in Medicine - 2009* will be held Oct 21-22, 2009 in association with the annual meeting of the Society for Medical Decision Making at the **Renaissance Hollywood Hotel, Los Angeles, CA** +1 (800) 769-4774. A limited number of rooms are available under the SMDM room block at a special rate of \$219/night + tax and fees if reserved by Sept 24, 2009. Please refer to SMDM when making your hotel reservations.

POSTER SESSION We invite poster submissions that address the epidemiology of diagnostic error, factors that predispose to diagnostic error, or strategies to reduce diagnostic error or improve detection. In addition, medical trainees are encouraged to submit case presentations on diagnostic errors they have encountered. Abstracts submitted for the SMDM meeting may also be submitted for consideration for 'Diagnostic Errors in Medicine' and will be considered independently.

REGISTRATION

DEM Conference Registration Fees:

- Registration on / before Friday, September 25, 2009: \$175.00 USD
- Registration after Friday, September 25, 2009: \$225.00 USD
- Registration On Site: \$250.00 USD
- Trainees: \$100.00 USD
- SMDM Conference Attendee special discounted rate: \$100.00 USD

For questions, abstract submission, exhibit and sponsorship information, please contact: Grace.Garey@va.gov / (631) 261-4400 ext 2667

PLANNING COMMITTEE

Mark L. Graber, MD (Chair)
Gordy D. Schiff, MD (Co-Chair)
Cindy Bryce, PhD
Pat Croskerry, MD, PhD
Omar Hassan, MBBS, MPH
David Newman-Toker, MD, PhD

SUNY Stony Brook and VAMC, Northport, NY
Brigham and Women's Hospital Boston, MA
U. of Pittsburgh School of Medicine, Pittsburgh, PA
Dalhousie University, Nova Scotia, Canada
Partners Healthcare, Boston, MA
Johns Hopkins University, Baltimore, MD

AGENDA Diagnostic Error in Medicine 2009



Wednesday, October 21, 2009

Grand Ballroom, 5th floor

10:15 – 11:45 AM SMDM / DEM Joint Panel
“Two Decades of Clinical Reasoning: Where Do We Stand Now?”
Featured Speaker: **Jerome Kassirer**, MD, Professor of Medicine, Tufts University and Editor in Chief, New England Journal of Medicine 1991-1999
Moderator: **John Wong**, MD, Professor of Medicine, Tufts New England Medical Center
Panelists:
Stephen Pauker, MD, Professor of Medicine and Psychiatry, Tufts University
Arthur Elstein, PhD, Professor of Medical Education, University of Illinois, Chicago College of Medicine
Valerie Reyna, PhD, Professor of Human Development, Psychology, Cognitive Science and Neuroscience, Cornell University

11:45 AM SMDM General Meeting Adjourn

11:45 AM – 12:15 PM DEM Attendee lunch on your own

12:15 PM – 12:30 PM Welcome to “Diagnostic Error in Medicine – 2009” *Hollywood A, B*

Mark L. Graber, MD (Chair), Chief of Medicine Service, Department of Veterans Affairs Hospital, Northport, New York, Professor and Associate Chair for Medicine, SUNY Stony Brook, NY
Gordon D. Schiff, MD (Co-Chair), Associate Director, Center for Patient Safety Research and Practice, Division of General Internal Medicine, Brigham and Women's Hospital Boston, MA

12:30 PM – 3:00 PM Plenary Presentations: Understanding Diagnostic Error *Hollywood A, B*

12:30 PM – 1:30 PM Keynote Address Part 1:
“Do We Know How to Teach Clinical Reasoning?”
Jerome P. Kassirer, MD, Distinguished Professor at Tufts University School of Medicine in Boston, Visiting Professor at Stanford University, and Former Editor-in-Chief of the New England Journal of Medicine

1:30 PM – 3:00 PM Keynote Addresses Part 2:
1:30 PM – 2:15 PM “Lessons from the Dual Process Model of Reasoning”
Patrick Croskerry, MD, PhD, Clinical Consultant in Patient Safety, Associate Professor of Emergency Medicine, Dalhousie University, Halifax, Nova Scotia, Canada

2:15 PM – 3:00 PM “Fast and Frugal Decisions- Can They Be Improved?”
Wolfgang Gaissmaier, PhD, Chief Research Scientist, The Harding Center for Risk Literacy at the Max Planck Institute for Human Development

3:00 PM – 3:15 PM Break

3:15 PM – 4:45 PM Understanding Diagnostic Error: Root Cause Analysis of a Case *Hollywood A, B*

3:15 PM Moderator: Kathryn Montgomery, PhD, Professor of Medical Humanities, Bioethics and Medicine, Northwestern University, Feinberg School of Medicine

“Cognitive and System-Related Origins of Error”
Mark L. Graber, MD, Chief of Medicine Service, Department of Veterans Affairs Hospital, Northport, New York, Professor and Associate Chair for Medicine, SUNY Stony Brook, NY

3:30 PM Discussions of the case at each table

4:00 PM – 4:45 PM Reflections from the Panel:
“Reflections of a Senior Clinician”
Barbara Vickery, MD, MPH, Department of Neurology, University of California, Los Angeles, CA
“Reflections of a Cognitive Scientist”
Geoff Norman, PhD, Assistant Dean, Program for Education Research and Development Professor, Clinical Epidemiology and Biostatistics, McMaster University, Ontario, Canada
“Reflections of an EBM-er”
Roy M. Poses, MD, President, the Foundation for Integrity and Responsibility in Medicine (FIRM) and Brown University Center for Primary Care and Prevention, Pawtucket, RI

5:30 PM – 7:30 PM Posters and Welcome Reception

Gordon Schiff, MD
Omar Hassan, MD

AGENDA Diagnostic Error in Medicine 2009



Thursday, October 22, 2009

Plenary Presentation: Reducing Diagnostic Error

8:80 AM – 8:15 AM

Welcome

Patrick Croskerry, MD, PhD, Clinical Consultant in Patient Safety, Associate Professor of Emergency Medicine, Dalhousie University, Halifax, Nova Scotia, Canada

David Newman-Toker, MD, PhD, Assistant Professor of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD

8:15 AM – 9:15 AM

Plenary Presentations: Studies Completed & Studies in Progress

Hollywood A, B

8:15 – 8:30 AM

“AHRQ Project - Complexity of Neurological Diagnosis”

David Newman-Toker, MD, PhD, Assistant Professor of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD

8:30 – 8:45 AM

“AHRQ Project - Diagnostic Error”

Hardeep Singh, MD, MPH, Research Scientist, Houston Center for Quality of Care and Utilization Studies, Assistant Professor of Medicine, Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine, Houston, TX

8:45 – 9:00 AM

“CRICO/RMF Brigham and Women’s Diagnostic Error Project”

Gordon D. Schiff, MD, Associate Director, Center for Patient Safety Research and Practice, Division of General Internal Medicine, Brigham and Women’s Hospital Boston, MA

Omar Hasan, MBBS, MPH, FACP, Brigham and Women’s Hospital, Boston, MA

Robert El-Kareh, MD, Brigham and Women’s Hospital, Boston, MA

9:00 – 9:15 AM

“AHRQ Perspectives and Priorities”

James B. Battles, PhD, Senior Service Fellow for Patient Safety, Agency for Healthcare Research and Quality (AHRQ), Center for Quality Improvement and Patient Safety (CQIPs), Rockville, MD

Kerm Henriksen, PhD, Center for Quality and Patient Safety, Agency for Healthcare Research and Quality (AHRQ), Rockville, MD

9:15 AM – 9:30 AM

Break

9:30 AM – 12:00 PM

Next Steps - Research & Education (Group Instructions, then Breakouts)

“Constructing the Agenda to Move Forward Research and Education”

Hollywood A, B

Moderator: David Newman-Toker, MD, PhD, Assistant Professor of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD

“Research 1 - Visual & Perception Error”

Mtg Rm #1

Leonard Berlin, MD, FACR, Chair, Radiology Department, Rush North Shore Medical Center, Skokie, IL, Professor of Radiology, Rush University Medical College, Chicago, IL

Geoff Norman, PhD, Assistant Dean, Program for Education Research and Development Professor, Clinical Epidemiology and Biostatistics, McMaster University, Ontario, Canada

“Research 2 - Dx in Critical Situations: How to Focus”

Mtg Rm #2

Robert L. Wears, MD, MS, FACEP, Professor and Director of Medical Informatics, Department of Emergency Medicine University of Florida, Jacksonville, FL

Michael Giuliano, MD, Director of Neonatology, Hackensack University Medical Center, Hackensack, NJ

“Research 3 - Errors with Common Conditions to be Comprehensive”

Mtg Rm #3

Patrick Croskerry, MD, PhD, Clinical Consultant in Patient Safety, Associate Professor of Emergency Medicine, Dalhousie University, Halifax, Nova Scotia, Canada

David Newman-Toker, MD, PhD, Assistant Professor of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD

“Research 4 - Errors in Screening & Testing: System and Cognitive Issues”

Mtg Rm #4

Hardeep Singh, MD, MPH, Research Scientist, Houston Center for Quality of Care and Utilization Studies, Assistant Professor of Medicine, Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine, Houston, TX

Dean Sittig, MD, Director, Applied Research in Medical Informatics, Director, Clinical Informatics Research Network (CIRN), Kaiser Permanente

“Education - Teaching Clinical Reasoning and How to Avoid Cognitive Error”

Mtg Rm #5

Mark L. Graber, MD, Chief of Medicine Service, Department of Veterans Affairs Hospital, Northport, New York, Professor and Associate Chair for Medicine, SUNY Stony Brook, NY

Mark Quirk, EdD, Professor, Assistant Dean, Director Center for Clinical Communication and Performance Outcomes, University of Massachusetts Medical School

12:00 PM – 1:00 PM

Lunch Lecture

Hollywood A, B

“The Impact of Diagnostic Error: Perspectives from a Patient and a Provider”

Susan Sheridan, MBA

1:00 PM – 2:00 PM

Solutions: Early Experience Reducing Diagnostic Error

Hollywood A, B

Moderator: Mark L. Graber, MD, Chief of Medicine Service, Department of Veterans Affairs Hospital, Northport, New York, Professor and Associate Chair for Medicine, SUNY Stony Brook, NY

2:00 PM – 2:30 PM

HealthCare Organizations

Ann Louise Puopolo, BSN, RN, Director of Loss Prevention and Patient Safety, CRICO/RMF

Erin G. Stone, MD, Department of Urgent Care, Kaiser Permanente, Woodland Hills, CA

2:30 PM – 3:30 PM

“Panel - Experience with Decision Support”

Hollywood A, B

Moderator: Harold Lehmann, MD, PhD, Johns Hopkins School of Medicine, Baltimore, MD

Visual Dx Rep, Art Papier, MD, Associate Professor, Departments of Dermatology and Medical Informatics, University of Rochester

DxPlain - G. Octo Barnett, MD, Professor of Medicine, Harvard Medical School, Scientific Director, Laboratory of Computer Science, Massachusetts General Hospital

“Isabel” - Joseph Britto, MD, CEO and Co-Founder, Isabel Healthcare

3:30 PM – 3:45 PM

“Commentary: Does the Algorithm Make a Difference?”

Hollywood A, B

Peter Haug, MD, Professor of Biomedical Informatics, University of Utah, Salt Lake City, UT

3:45 PM

DEM Meeting Adjourns



REGISTRATION FORM

Diagnostic Error in Medicine 2009

OCTOBER 21-22, 2009 | LOS ANGELES, CALIFORNIA

www.smdm.org/diagnostic_errors.shtml

Today's Date: _____

REQUIRED INFORMATION

Mr. Dr.

Mrs. Ms.

LAST NAME FIRST NAME MIDDLE NAME

MAILING ADDRESS

CITY STATE ZIP CODE

WORK PHONE HOME PHONE

OCCUPATION TITLE / AFFILIATION

VOLUNTARY INFORMATION

Special food allergies or issues? To what: _____

Kosher meal requested

ADA Accommodations needed? What: _____

What other meetings do you attend? AMIA NPSF IHI SGIM Other

IN CASE OF EMERGENCY

Whom should we contact? _____ RELATIONSHIP HOME PHONE

Please fax or email this form to Ms Marie Cortsen at +1 (908) 359-7619, info@SMDM.org, or mail to

SMDM, 390 Amwell Road, Suite 402, Hillsborough, NJ 08844-4693, USA

Registration Fee:

If you plan to attend BOTH SMDM and DEM, please register for both meetings on the SMDM meeting web site

Early Bird (Before Sept 25) \$175 Pre-Conference \$225 At the conference \$250

Trainees \$ 100 Invited speaker - comped

Please mail this form and a check made payable to SMDM in US dollars to SMDM

Or charge to:

VISA Discover MasterCard American Express

Name on card: _____ Expiration Date: _____

Credit card number: _____ Validation code: _____

Signature of cardholder: _____