Early Bird Deadline - March 30, 2012

Over 95% of the course attendees rated this course as "superior" or "above average" as compared to other postgraduate courses they have attended, placing this course among the highest-rated of Harvard CME courses.
MGH Nephrology 2012
Annual Course

June 11-15, 2012
Monday-Friday

Holiday Inn
Boston, Massachusetts

Course Directors
Hasan Bazari, MD, M. Amin Arnaout, MD,
Ishir Bhan, MD

Now Featuring
• Case Records of the Massachusetts General Hospital
  (Acclaimed New England Journal of Medicine worldwide teaching publication)

• Panel discussion sessions with audience response system participation

• Nephrology Journal Club

Presented by
The Division of Nephrology
Department of Medicine
Massachusetts General Hospital

Earn up to 47.50 AMA PRA Category 1 Credits™.
Course Description: This course is designed to provide the scientific foundation of clinical nephrology, a comprehensive review of evidence based practice in all the major topics that encompass clinical nephrology including acute renal failure, chronic kidney disease, glomerular, tubulointerstitial disease and vascular disease. In addition electrolyte abnormalities, acid base disorders, genetic disorders, management of acute and chronic renal failure, renal replacement therapy, dialysis for intoxications and renal transplantation as well as the consequences of renal failure such as bone disease and anemia management will be reviewed.

The emergence of evidence for Nephrology Practice at a rapid pace precludes those practicing being able to maintain current the foundation of practice. The goal of this course is to provide an up to date review of what has changed and consolidating an evidence based approach to common and uncommon renal disorders. Those preparing for the Nephrology Boards. We also plan to structure the course for those who are preparing for the American Board of Internal Medicine Boards subspecialty examination in Nephrology. The teaching methods used in this course include; didactic lectures, panel discussions, Q&A, problem-solving, ask the expert and case reviews.

Target Audience: Nephrology trainees who are at the end of their clinical training as well as those who are completing their training and preparing for the Nephrology Boards. Practicing nephrologists who are fulfilling their CME requirements, fulfilling their need for update in the scientific foundation and preparing for their Nephrology Boards. Internists with an interest in Nephrology. Other allied health professionals such as Nurse Practitioners and Physician Assistants who are involved in Nephrology specialty practice.

Learning Objectives: Upon completion of this course, participants will be able to • Incorporate relevant basic science discoveries into daily practice • Anticipate patients who are in progressive stages of chronic kidney disease and optimize their care • Develop treatment strategies for the management of hypertension • Apply evidence based care for common and uncommon renal conditions in your practice • Utilize novel diagnostic markers and new therapeutic approaches in patient management.

ACGME Competencies: This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education Competencies • medical knowledge • patient care • systems-based practice • practice-based learning.

Accreditation Statement: The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 47.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registration Information: Registration by credit card (VISA or MasterCard) can be made at: www.cme.hms.harvard.edu/courses/nephrologyupdate. Registration by check (draft on a United States bank), please make payable to Harvard Medical School and mail with registration form to Harvard Medical School–Department of Continuing Education, PO Box 825, Boston, MA 02117-0825. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration an email confirmation from the HMS-DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information including: registration confirmation, evaluation and certificate.

Inquiries: By phone 617-384-8600, Monday-Friday, 10 AM to 4 PM (EST) or by email at: hms-cme@hms.harvard.edu.

Online Information: To register or view course information online, visit: www.cme.hms.harvard.edu/courses/nephrologyupdate. To ensure proper registration, please add the first three characters of the source code found at the bottom of this registration form.

Disclosure Policy: Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS’s policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

Refund Policy: A handling fee of $60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior to this activity. No refunds will be made thereafter.

Course Location: All sessions will be held at the Holiday Inn, Blossom Street, Boston, MA (Telephone: 617-742-7630).

Accommodations/Travel: A limited number of rooms have been reserved at the Holiday Inn (Telephone: 617-742-0461) until May 18, 2012. Please specify that you are enrolled in the MGH Nephrology Update to receive a reduced room rate of $179 Single/Double. Hotel arrangements can also be made online at: www.holidayinn.com. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airline reservations contact the HMS Travel Desk toll free 1-877-4-HARVMD (1-877-442-7863) Monday - Friday 9 AM - 8 PM (EST). From outside the U.S., Canada and Virgin Islands, please call 617-559-3764.
FEES
☐ Physicians (with daily breakfast & lunch): $1250 (USD)
☐ Early Registration - Physicians - by March 30, 2012 (with daily breakfast & lunch): $1100 (USD)
☐ Reduced Fee for Residents, Fellows in Training and Allied Health Professionals (with daily breakfast & lunch): $950 (USD)
☐ Early Registration - Residents, Fellows in Training and Allied Health Professionals - by March 30, 2012 (with daily breakfast & lunch): $750 (USD)

Please print clearly. All Fields Required.

Full Name __________________________________________________________________________
First                         Middle Initial                        Last
Mailing Address _____________________________________________________________________
Street _______________________________________________________________________________
City                                        State                                      Zip Code
Daytime Phone (____) _________________________ Fax Number (____) ______________________

Please Note: Your email address is used for critical information about the course including: registration confirmation, evaluation and certificate. Please be sure to include an email address that you check daily or frequently.

Email Address ______________________________________________________________________
☐ Please check if you want to be excluded from receiving email notices of future HMS-DCE programs.

Profession______________________________ Degree______________________________________

Primary Specialty (Physicians Only) ____________________________ Board Certified: Yes ☐ No ☐

Professional School Attended (Physicians Only)
☐ Harvard Medical School ☐ U.S. Medical School ☐ International Year of Graduation ___________

Online registrants - add the first three characters of the source code found here ☰

Source Code: A  B  C  D  E  X  Z  Z  Z
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:55</td>
<td>Introduction</td>
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<tr>
<td>8:00</td>
<td>High Gap Metabolic Acidosis</td>
<td>Michael Emmett, MD</td>
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<tr>
<td>8:45</td>
<td>Normal Gap Metabolic Acidosis</td>
<td>Thomas DuBose, MD</td>
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<tr>
<td>9:35</td>
<td>Coffee Break</td>
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<tr>
<td>9:50</td>
<td>Respiratory Acid-Base Disorders</td>
<td>Asghar Rastegar, MD</td>
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<tr>
<td>10:35</td>
<td>Dysnatremias</td>
<td>Burton Rose, MD</td>
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<tr>
<td>11:30</td>
<td>Disorders of Divalent Ions</td>
<td>David Bushinsky, MD</td>
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<tr>
<td>12:30</td>
<td>Lunch</td>
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<tr>
<td>1:00</td>
<td>Disorders of Potassium Metabolism</td>
<td>David Mount, MD</td>
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<tr>
<td>1:50</td>
<td>Metabolic Alkalosis</td>
<td>Thomas DuBose, MD</td>
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<tr>
<td>2:55</td>
<td>Acid-Base Disorder Cases</td>
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<tr>
<td>3:45</td>
<td>Nephrology Journal Club</td>
<td>Ishir Bhan, MD</td>
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<tr>
<td>8:00</td>
<td>Epidemiology of Hypertension</td>
<td>Henry Black, MD</td>
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<tr>
<td>8:50</td>
<td>Treatment Goals and Management of Hypertension</td>
<td>Randall Zusman, MD</td>
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<tr>
<td>9:45</td>
<td>Coffee Break</td>
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<tr>
<td>10:00</td>
<td>Renovascular Hypertension</td>
<td>Joseph Garasic, MD</td>
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<tr>
<td>11:00</td>
<td>Secondary Hypertension/HTN Emergencies</td>
<td>Hasan Bazari, MD</td>
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<tr>
<td>12:00</td>
<td>Pregnancy and Hypertension</td>
<td>Ravi Thadhani, MD</td>
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<tr>
<td>1:30</td>
<td>Hypertension Cases</td>
<td>Hasan Bazari, MD</td>
</tr>
<tr>
<td>2:45</td>
<td>Pathology of Glomerular Diseases</td>
<td>Helmut Renke, MD</td>
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</tbody>
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**Monday, June 11, 2012**

**Primary Glomerular Diseases**
3:45 - 4:45  Richard Glassock, MD  
4:45 - 5:45  Coffee Break

**Lupus Nephritis**
5:45 - 6:45  Richard Glassock, MD

**Wednesday, June 13, 2012**

**Glomerulonephritis and Vasculitis**
8:00 - 9:00  John Niles, MD

**Thrombotic Microangiopathies**
9:00 - 10:00  Hasan Bazari, MD  
10:00 - 10:15  Coffee Break

**Paraproteinemic Renal Diseases**
10:15 - 11:15  David Salant, MD

**Diabetic Nephropathy**
11:15 - 12:00  Eli A. Friedman, MD

**Tubulointerstitial Disease**
3:15 - 4:00  Nina Tolkoff-Rubin, MD

**Genetic Renal Disease**
5:00 - 5:45  Amin Arnaout, MD

**Thursday, June 14, 2012**

**Acute Kidney Injury**
8:00 - 9:00  Paul M. Palevsky, MD

**Dialytic Management of AKI**
9:00 - 9:45  Ashita Tolwani, MD

**Hepato-Renal and Cardio-Renal Syndrome**
9:45 - 10:45  Robert Schrier, MD

**AKI and Cancer**
11:00 - 12:00  Benjamin Humphreys, MD
Please Note: Program changes/substitutions may be made without notice.

Here’s what last year’s attendees had to say--

“The outstanding speakers and their individual expertise.”

“Up to date and powerful experts in the field that are able to bring the information to clinical relevance and deliver the material in a manageable fashion.”

“Outstanding faculty, great pace.”

“Stimulating speakers imparting knowledge in their fields of interest covering the full breadth of Nephrology.”

“It covered about 95% of Nephrology overall. Topics were great and most of the speaker were outstanding.”
Course Directors

M. Amin Arnaout, MD  
Professor of Medicine  
Harvard Medical School  
Chief, Division of Nephrology  
Massachusetts General Hospital, Boston  

Hasan Bazari, MD  
Associate Professor of Medicine  
Program Director  
Internal Medicine Residency Program  
Massachusetts General Hospital, Boston  

Ishir Bhan, MD  
Instructor in Medicine  
Harvard Medical School  
Assistant in Computer Science  
Massachusetts General Hospital, Boston  

Harvard Faculty

Jodie Babitt, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Massachusetts General Hospital, Boston  

Robert Colvin, MD  
Professor of Pathology  
Harvard Medical School  
Department of Pathology  
Massachusetts General Hospital, Boston  

David J. Friedman, MD  
Assistant Professor of Medicine  
Beth Israel Deaconess Medical Center  
Harvard Medical School  

Joseph Michael Garasic, MD  
Director of Peripheral Vascular Intervention within the Cardiology Division at Massachusetts General Hospital; Medical Director of the Cardiac Interventional Unit at Massachusetts General Hospital, is a member of the Cardiac Catheterization Staff and the section of Vascular Medicine; Co-Director of the Vascular Diagnostic and Intervention Fellowship within Cardiology at Massachusetts General Hospital  

Eliot Heher, MD  
Instructor in Medicine, Harvard Medical School  
Massachusetts General Hospital, Boston  

Benjamin Humphreys, MD  
Assistant Professor of Medicine  
Harvard Medical School and  
Associate Physician, Renal Division  
Brigham and Women’s Hospital, Boston  

Dicken S. C. Ko, MD, FRCSC  
Assistant Professor of Surgery  
Harvard Medical School  
Surgical Director Renal Transplantation Program  
Massachusetts General Hospital, Boston  

Camille Kotton, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Clinical Director of Transplant Infectious Diseases  
Massachusetts General Hospital, Boston  

David Mount, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Associate Physician, Renal Division  
Brigham and Women’s Hospital, Staff Physician, Renal Division  
VA Boston Healthcare System  

John Niles, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Massachusetts General Hospital, Boston  

Helmut Rennke, MD  
Professor of Pathology  
Harvard Medical School  
Staff Pathologist and Director of Renal Pathology Laboratory  
Brigham and Women’s Hospital, Boston  

Burton Rose, MD  
Clinical Professor of Medicine  
Harvard Medical School  
Founding Editor of UpToDate  

Eric Rosenberg, MD  
Associate Professor of Medicine  
Harvard Medical School  
Associate Editor  
New England Journal Of Medicine  
Case Records of the Massachusetts General Hospital  

Mario F. Rubin, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Massachusetts General Hospital, Boston  

David Steele, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Massachusetts General Hospital, Boston  

Ravi Thadhani, MD, MPH  
Associate Professor of Medicine  
Harvard Medical School  
Director of Clinical Research in Nephrology  
Massachusetts General Hospital, Boston  

Nina Tolkoff-Rubin, MD  
Professor of Medicine  
Harvard Medical School  
Director, Hemodialysis and CAPD Units  
Medical Director, Renal Transplant Program  
Massachusetts General Hospital, Boston  

J. Kevin Tucker, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Associate Physician and Director, Joint BWH-MGH Nephrology Fellowship Program  
Renal Division, Brigham and Women’s Hospital  

Randall Mark Zusman, MD  
Director of the Division of Hypertension at the Massachusetts General Hospital Heart Center and Associate Professor of Medicine at Harvard Medical School
Guest Faculty

Joanne Bargman, MD
Professor of Medicine
University of Toronto
Director, Peritoneal Dialysis Program
University Health Network
Toronto, Ontario, Canada

Bryan Becker, MD
Professor of Medicine
Senior Associate Dean for Clinical Affairs
University of Illinois - Chicago, Chicago, IL

Margaret Bia, MD
Professor of Medicine
Director, Clinical Skills Program
Yale School of Medicine, New Haven, CT

Henry Black, MD
Clinical Professor of Internal Medicine and
Director of Hypertension Research at the New
York University School of Medicine in New York City

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Pharmacology and Physiology
University of Rochester School of Medicine
Chief, Nephrology Division
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Rochester, NY

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Professor of Medicine
Medical Director
Kidney Stone Prevention Program
Director, Clinical Research Training Program
University of Chicago
Pritzker School of Medicine, Chicago, IL

Thomas DuBose, MD
Professor of Medicine
Physiology and Pharmacology
Chair, Department of Medicine
Wake Forest University Baptist Medical Center
Winston-Salem, NC

Michael Emmett, MD
Professor of Medicine
Chair, Department of Internal Medicine
Baylor University Medical Center, Dallas, TX

Eli A. Friedman, MD
Distinguished Teaching Professor of Medicine
Attending Physician
University Hospital of Brooklyn
Downstate Medical Center, Brooklyn, NY

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Emeritus Professor; David Geffen School of Medicine at UCLA, Los Angeles, CA

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Division of Nephrology and Hypertension
University of Miami Miller School of Medicine
Miami, FL

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Fresenius Medical Care
Waltham, MA

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VA Pittsburgh Healthcare System
Professor of Medicine
University of Pittsburgh School of Medicine

Asghar Rastegar, MD
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Chief, Renal Section
Boston University Medical Center, Boston, MA

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Tufts University School of Medicine, Boston, MA

Robert Schrier, MD
Professor of Medicine
University of Colorado School of Medicine
Denver, CO

Eduardo Slatopolsky, MD
Joseph Friedman Professor of Renal Diseases in Medicine
Director of the PTH/Vitamin D Laboratory
Renal Division, Washington University School of Medicine, St. Louis, MO

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Director, Nephrology Fellowship Program
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Birmingham, AL