“This is my fourth consecutive year of attendance. It is a course which every practicing Nephrologist should attend to help his/her patients with the latest scientific treatment of Nephrology related disorders.” – From a past participant
NEPHROLOGY 2014
March 16 - 21, 2014 | The Fairmont Copley Plaza | Boston, Massachusetts

Under the direction of:
Burton D. Rose, MD
Martin Pollak, MD

CME AND ECMEC® CREDITS ARE AVAILABLE
THE ROYAL COLLEGE OF PHYSICIAN AND SURGEONS
OF CANADA RECOGNIZES THIS CONFERENCE

Over 96% of past participants have rated this course as “superior” or “above average” compared to other post graduate courses they have attended, placing this course amongst the highest-rated courses at Harvard Medical School.

New content packed into 6 full days plus course materials are now available on-line!
Course Description

New diagnostic and therapeutic tools have emerged in the management of patients with kidney diseases. This course is designed to provide the practicing Nephrologist with a complete understanding of the optimal management of chronic kidney diseases. The focus of this course will be to discuss the pathophysiologic and clinical advances in the major areas of Nephrology including glomerular disease, fluid and electrolyte disorders, hypertension, dialysis, and renal transplantation. Well recognized medical complications and recommendations for optimal care will be discussed. Case discussions and the Audience Response System will also be used to promote your education.

We use multiple educational formats:
The material will be presented in several formats including lectures, case-based workshops and interactive sessions that will include the use of the Audience Response System in which Nephrology and recertification board type questions will be used to highlight important clinical issues of diagnosis and therapy. Most days there will also be several “Meet the Professor” sessions at lunchtime, which will allow attendees to meet in smaller groups with members of the faculty. Your learning environment will be distraction free.

Learning Objectives:
At the end of this course, you will be able to:
1. Discuss the diagnosis and treatment of electrolyte disorders including hyponatremia and hypernatremia
2. Discuss the treatment strategy for metabolic acidosis
3. Outline new treatment recommendations for glomerular diseases
4. Develop strategies to screen, prevent and treat patients with long-term complications of kidney transplantation
5. Discuss how to appropriately manage acute and chronic kidney disease
6. Recognize issues in dialysis and transplantation

Why You Should Attend This Course?
Deciding where and how to spend your continuing education dollars is very important decision. Here are a few reasons why you should attend this course:

- Our clinical educators are national and international authorities.
- Our comprehensive syllabus is packed with a wealth of knowledge and will be available to you electronically and in print.
- By utilizing the Audience Response System, you will be aware of areas of strength and weakness.
- You will leave with an understanding of the clinically important advances that have been made in common diseases and recommendations for optimal management.
- Past participants have rated this course among one of Harvard’s best!

This program is endorsed in part by the European Renal Association – European Dialysis and Transplant Association and the International Society of Nephrology
Faculty

Gerald B. Appel, MD  
Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Director, Clinical Nephrology  
Columbia University Medical Center

George L. Bakris, MD, FASH, FASN  
Professor of Medicine  
Director, ASH Comprehensive Hypertension Center  
The University of Chicago Medicine

Gerald A. Beathard, MD, PhD  
Clinical Professor  
University of Texas Medical Branch  
Galveston, Texas  
Vice President of Provider Development  
RMS - Lifeline

Daniel C. Brennan, MD, FACP  
Professor of Medicine  
Washington University School of Medicine  
Director, Transplant Nephrology  
Barnes-Jewish Hospital

Robert S. Brown, MD  
Associate Professor of Medicine  
Harvard Medical School  
Clinical Chief, Renal Unit  
Beth Israel Deaconess Medical Chief, Renal Unit  
Joslin Diabetes Center

John M. Burkart, MD  
Professor of Internal Medicine and Nephrology  
Wake Forest University School of Medicine  
Corporate Medical Director, Outpatient Dialysis  
Wake Forest University Dialysis Facilities  
Chief Medical Officer  
Health Systems Management

David A. Calhoun, MD  
Professor of Medicine  
Vascular Biology and Hypertension Program  
Sleep/Wake Disorders Center  
University of Alabama at Birmingham

Gary C. Curhan, MD, ScD  
Professor of Medicine  
Harvard Medical School  
Professor of Epidemiology  
Harvard School of Public Health Physician  
Brigham and Women’s Hospital

Michael Emmett, MD  
Professor of Internal Medicine  
Texas A&M School of Medicine  
Clinical Professor of Medicine  
University of Texas Southwestern School of Medicine  
Chief, Internal Medicine  
Baylor University Medical Center  
Baylor Health Care System

Ronald J. Falk, MD  
Allen Brower Distinguished Professor of Medicine  
Director, UNC Kidney Center  
The University of North Carolina at Chapel Hill  
Chief, Division of Nephrology and Hypertension  
University of North Carolina Hospitals

William L. Henrich, MD, MACP  
President and Professor of Medicine  
The University of Texas Health Science Center at San Antonio

Melanie P. Hoenig, MD  
Assistant Professor of Medicine  
Harvard Medical School  
Staff Physician  
Beth Israel Deaconess Medical Center

Paul M. Palevsky, MD  
Professor of Medicine  
University of Pittsburgh  
Chief, Renal Section  
VA Pittsburgh Healthcare System

Biff Palmer, MD  
Professor of Medicine  
University of Texas Southwestern School of Medicine

Martha Pavlakis, MD  
Associate Professor of Medicine  
Harvard Medical School  
Medical Director, Kidney and Pancreas Transplantation  
Beth Israel Deaconess Medical Center

Andreas Pierratos, MD, FRCPC  
Professor of Medicine  
University of Toronto  
Nephrologist  
Humber River Regional Hospital  
Lead, Independent Dialysis  
Ontario Renal Network

Marc A. Pohl, MD  
Ray W. Gifford, Jr., MD Endowed Chair in Hypertension  
Head, Section of Clinical Hypertension  
The Cleveland Clinic

Jai Radhakrishnan, MD, MS  
Professor of Medicine  
Columbia University College of Physicians and Surgeons  
Program Director Nephrology Fellowship  
Columbia University Medical Center

Helmut G. Rennke, MD  
Professor of Pathology  
Harvard Medical School  
Director, Renal Pathology  
Brigham and Women’s Hospital

Michael R. Rudnick, MD  
Associate Professor of Medicine  
University of Pennsylvania School of Medicine  
Chief, Renal Division  
Penn Presbyterian Medical Center

Steve J. Schwab, MD  
Chancellor  
The University of Tennessee Health Science Center

Eduardo Slatopolsky, MD, FACP  
Joseph Friedman Professor of Renal Diseases in Medicine  
Director, Vitamin D/PTH Laboratory  
Washington University School of Medicine Physician  
Barnes-Jewish Hospital

Theodore I. Steinman, MD  
Clinical Professor of Medicine  
Harvard Medical School  
Senior Physician  
Beth Israel Deaconess Medical Center  
Brigham and Women’s Hospital

Richard H. Sterns, MD  
University of Rochester School of Medicine & Dentistry  
Chief, Department of Medicine  
Director, Internal Medicine Residency Program  
Rochester General Hospital

Ravi I. Thadhani, MD, MPH  
Associate Professor of Medicine  
Harvard Medical School  
Director, Clinical Research Nephrology  
Massachusetts General Hospital  
Co-Director  
Massachusetts Institute of Technology Clinical Research Center

William F. Young, Jr., MD, MSc  
Professor of Medicine  
Mayo Clinic College of Medicine  
Chair, Division of Endocrinology and Metabolism  
Mayo Clinic

“Exceptional teaching from experts in the field”  
– From a 2013 participant
Registration Form | NEPHROLOGY 2014

(PLEASE PRINT CLEARLY – ALL FIELDS REQUIRED)  COURSE #342938

Tuition Fee (PLEASE CHECK BOXES INDICATING APPLICABLE FEES)

- Physician: $1595 (USD)
- Reduced fee for Residents, Fellows in Training and Allied Health Professionals: $1,045 (USD)

Note: All participants will receive a comprehensive printed and electronic syllabus.

FULL NAME
First
Middle Initial
Last

MAILING ADDRESS
Street

City
State
Zip Code
Country

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 you check daily or frequently.

E-MAIL ADDRESS

Please check if you wish to be excluded from receiving e-mail notices of future Harvard Medical School — Department of Continuing Education 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 F G H I J K L M X Z Z Z

"The wealth of information presented, in and of itself, was pivotal and exceptional. ----Thank you!" – From a 2013 past participant
REGISTRATION INFORMATION:

- Physician: $1595 (USD)
- Reduced fee for Residents, Fellows in Training and Allied Health Professionals: $1,045 (USD)

Note: All participants will receive a comprehensive syllabus that is available in print and electronically on the course website. Internet access will be available in the meeting room to access the on-line materials.

Registration by credit card (VISA or MasterCard) can be made at: www.NephrologyBoston.com. 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 417476, Boston, MA 02241-7476. 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 activity information online, visit www.NephrologyBoston.com. 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 $150 is deducted for cancellation. Refund requests must be received by postal mail, email or fax two weeks prior to this activity. No refunds will be made thereafter.

COURSE LOCATION:
All sessions for this activity will be held at The Fairmont Copley Plaza, 138 St. James Avenue, Boston, MA 02116, (Telephone: 617-267-5300).

ACCOMMODATIONS/TRAVEL:
A limited number of rooms have been reserved at Fairmont Copley Plaza (Telephone: 888-270-8818) until February 21, 2014. Please specify that you are enrolled in this course to receive a reduced room rate of $289/$329 (Moderate/Deluxe). Hotel arrangements can also be made online at: www.NephrologyBoston.com/Accommodations.

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.
### Course Schedule

#### NEPHROLOGY

**March 16 - 21, 2014**

**Sunday, March 16, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 7:50am</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:50am - 8:00am</td>
<td>Introduction and Welcome</td>
</tr>
<tr>
<td>Burton D. Rose, MD</td>
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<tr>
<td>8:00am - 8:50am</td>
<td>Endocrine Hypertension: Pheochromocytoma and Primary Aldosteronism</td>
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<tr>
<td>William F. Young, Jr., MD, MSc</td>
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<tr>
<td>9:00am - 9:00am</td>
<td>Hyperophosphatemia: Can We Reverse Vascular Calcification?</td>
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<tr>
<td>Eduardo Slatopolsky, MD, FACP</td>
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</tbody>
</table>

#### Monday, March 17, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00am - 7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30am - 8:30am</td>
<td>Relation Between Salt and Water</td>
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<tr>
<td>Richard H. Sterns, MD</td>
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<tr>
<td>8:30am - 9:45am</td>
<td>Workshop: Fluid and Electrolytes</td>
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<tr>
<td>Richard H. Sterns, MD</td>
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<tr>
<td>9:45am - 10:15am</td>
<td>Refreshment Break</td>
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<tr>
<td>10:15am - 11:00am</td>
<td>Acid-Base: Elementary Issues</td>
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<tr>
<td>Michael Emmett, MD</td>
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</tr>
<tr>
<td>11:00am - 11:45am</td>
<td>Acid-Base: Advanced Issues</td>
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<tr>
<td>Michael Emmett, MD</td>
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</tr>
<tr>
<td>11:45am - 12:30pm</td>
<td>Disorders of Potassium Balance</td>
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<tr>
<td>Richard H. Sterns, MD</td>
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<tr>
<td>12:30pm - 1:45pm</td>
<td>Lunch Break</td>
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<tr>
<td>1:45pm - 1:45pm</td>
<td>Meet the Professor</td>
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<tr>
<td>William F. Young, Jr., MD, MSc</td>
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<tr>
<td>Eduardo Slatopolsky, MD, FACP</td>
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<tr>
<td>1:45pm - 2:45pm</td>
<td>Workshop: Acid Base</td>
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<tr>
<td>Michael Emmett, MD</td>
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<tr>
<td>2:45pm - 3:00pm</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>3:00pm - 4:30pm</td>
<td>Cardiorenal and Hepatorenal Syndrome</td>
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<tr>
<td>Bill Palmer, MD</td>
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<tr>
<td>4:30pm - 5:15pm</td>
<td>Tubulointerstitial Disease</td>
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<tr>
<td>Melanie P. Hoenig, MD</td>
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<tr>
<td>5:15pm - 6:15pm</td>
<td>Genetics of Glomerular Disease</td>
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<tr>
<td>Martin Pollak, MD</td>
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#### Tuesday, March 18, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00am - 7:30am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:30am - 8:30am</td>
<td>Maintenance Immunosuppression in Renal Transplant</td>
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<tr>
<td>Martha Pavlakis, MD</td>
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<tr>
<td>8:30am - 9:30am</td>
<td>Management of the Failing Kidney</td>
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<tr>
<td>Martha Pavlakis, MD</td>
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<tr>
<td>9:30am - 10:00am</td>
<td>Refreshment Break</td>
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<tr>
<td>10:00am - 10:45am</td>
<td>Small Vessel Vasculitis</td>
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<td>Ronald J. Falk, MD</td>
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<tr>
<td>10:45am - 11:45am</td>
<td>Noninfectious Complications of Renal Transplant</td>
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<tr>
<td>Martha Pavlakis, MD</td>
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<tr>
<td>11:45am - 1:00pm</td>
<td>Lunch Break</td>
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<tr>
<td>12:00pm - 1:00pm</td>
<td>Meet the Professor</td>
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<tr>
<td>Ronald J. Falk, MD</td>
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<tr>
<td>Martha Pavlakis, MD</td>
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<tr>
<td>1:00pm - 2:00pm</td>
<td>Efficacy of Immunosuppressive Drugs in Idiopathic Nephrotic Syndrome</td>
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<tr>
<td>Ronald J. Falk, MD</td>
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<tr>
<td>2:00pm - 3:00pm</td>
<td>IgA Nephropathy and H-S Purpura</td>
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<tr>
<td>Ronald J. Falk, MD</td>
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<tr>
<td>3:00pm - 3:15pm</td>
<td>Refreshment Break</td>
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<tr>
<td>3:15pm - 4:30pm</td>
<td>Pathology and Mechanisms of Glomerular Diseases</td>
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<tr>
<td>Helmut G. Rennke, MD</td>
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<tr>
<td>4:30pm - 5:45pm</td>
<td><strong>Clinical Questions</strong></td>
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<tr>
<td>Robert S. Brown, MD</td>
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“Outstanding speakers who actually treat patients and know the difficulties in clinical practice. Topics were discussed in detail and key points were highlighted.”

– From a past participant
M A R C H 1 6 - 2 1 , 2 0 1 4

FRIDAY, M A R C H 2 1 , 2 0 1 4

7:00am – 7:30am  Continental Breakfast

7:30am – 8:15am  Contract Induced Nephropathy
Michael R. Rudnick, MD

8:15am – 9:15am  Management of Hypertension in
Nephropathy and Diabetes
George L. Bakris, MD, FASH, FASN

9:15am – 9:45am  Refreshment Break

9:45am – 10:45am  Management of Nondiabetic Chronic
Kidney Disease
George L. Bakris, MD, FASH, FASN

10:45am – 11:45am  Renal Transplant in High Risk Kidney
Recipients
Daniel C. Brennan, MD, FACP

11:45am – 1:00pm  Lunch Break

1:00pm – 2:00pm  Modern Therapies in Lupus Nephritis
Gerald B. Appel, MD

2:00pm – 3:30pm  Refreshment Break

3:30pm – 4:30pm  Thrombotic Microangiopathies
Gerald B. Appel, MD

4:30pm – 5:30pm  Renal Disease and Pregnancy
Ravi I. Thadhani, MD, MPH

Note: Program changes/substitutions may be made without notice.

"The ability to interact with the faculty during the "Meet the Professor" sessions are a particular highlight."  
– From a past participant