

2012 NEPHROLOGY

April 22 - 27, 2012 ■ The Fairmont Copley Plaza ■ Boston, Massachusetts

Now utilizing
the Audience
Response
System!

Under the direction of:

Burton D. Rose, MD &

Martin Pollak, MD

presented by



Harvard Medical School
Department of Continuing Education

and



**Beth Israel Deaconess
Medical Center**
Department of Medicine

2012
Nephrology

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. Both case discussions and the audience response system will be used to promote participant education.

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.

Course 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. Outline treatment recommendations for glomerular diseases
3. Describe optimal treatment options for hypertension
4. Discuss how to appropriately manage acute and chronic kidney disease
5. Recognize issues in dialysis and transplantation

You will take home:

- An understanding of the clinically important advances that have been made in common diseases
- An awareness of areas of strength and weakness
- Recommendations for optimal management of many common diseases
- A complete syllabus and CD-ROM that will allow you to review material at home

This program is endorsed in part by the International

Society of Nephrology



Who should attend?

- PRACTICING NEPHROLOGISTS INTERESTED IN REFRESHING THEIR KNOWLEDGE IN THEIR SPECIALTY
- PHYSICIANS PREPARING FOR THE NEPHROLOGY BOARDS

Course Directors

Burton D. Rose, MD

Clinical Professor of Medicine
Harvard Medical School
Founding Editor
UpToDate, Inc.

Martin Pollak, MD

Professor of Medicine
Harvard Medical School
Chief, Division of Nephrology
Beth Israel Deaconess Medical Center

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, FASN

Professor of Medicine
The University of Chicago
Medical Center
Director, Hypertensive Diseases Unit
Section of Endocrinology, Diabetes and
Metabolism
The University of Chicago Medical
Center

Gerald A. Beathard, MD, PhD

Clinical Professor
University of Texas Medical Branch
Galveston, Texas

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
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

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

Associate Professor of Medicine
Harvard Medical School
Associate Professor of Epidemiology
Harvard School of Public Health
Physician
Brigham and Women's Hospital

Ronald J. Falk, MD

DJ Thurston 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
Joslin Clinic

Paul M. Palevsky, MD

Professor of Medicine
University of Pittsburgh
Chief, Renal Section
VA Pittsburgh Healthcare System

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

Marc A. Pohl, MD

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

Jai Radhakrishnan, MD

Associate Professor of Medicine
Columbia University College of
Physicians and Surgeons
Associate Attending, 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 and Executive Dean
The University of Tennessee Health
Science Center

Eduardo Slatopolsky, MD, FACP

Joseph Friedman Professor of Renal
Diseases in Medicine
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

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

Tyson Family Endocrinology Clinical
Professor
Professor of Medicine
Mayo Medical School
Consultant, Division of Endocrinology
and Metabolism
Mayo Clinic

*“Outstanding speakers
who actually treat patients
and know the difficulties in
clinical practice.”*

Registration Information

ACCREDITATION

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 *49 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACGME COMPETENCIES

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education competencies:

- Patient care
- Medical knowledge
- Practice-based learning and improvement

REGISTRATION INFORMATION:

- Tuition Fee: \$1,550 (USD)
- Reduced Fee for Residents, Fellows in Training, and Allied Health Professionals: \$1,000 (USD)

Registration by credit card (VISA or MasterCard) can be made at: www.cme.hms.harvard.edu/courses/nephrologyBIDMC. 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 activity information online, visit: www.cme.hms.harvard.edu/courses/nephrologyBIDMC. 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 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 March 31, 2012. Please specify that you are enrolled in this course to receive a reduced room rate of \$275/\$290/\$325 (single/double/ deluxe). 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.

SUNDAY, APRIL 22

7:00am – 7:50am

Registration and Continental Breakfast

7:50am – 8:00am

Introduction and Welcome

Burton D. Rose, MD

8:00am – 9:00am

Endocrine Hypertension: Pheochromocytoma and Primary Aldosteronism

William F. Young, Jr., MD, MSc

9:00am – 10:00am

Relation Between Salt and Water

Burton D. Rose, MD

10:00am – 10:30am

Refreshment Break

10:30am – 11:30am

Adrenal Incidentalomas

William F. Young, Jr., MD, MSc

11:30am – 12:15pm

Small Vessel Vasculitis

Ronald J. Falk, MD

12:15pm – 1:30pm

Lunch Break

12:30pm – 1:30pm

Meet the Professor

William F. Young, Jr., MD, MSc

Ronald J. Falk, MD

1:30pm – 2:30pm

Efficacy of Immunosuppressive Drugs in Idiopathic Nephrotic Syndrome

Ronald J. Falk, MD

2:30pm – 3:30pm

IgA Nephropathy and H-S Purpura

Ronald J. Falk, MD

3:30pm – 4:00pm

Refreshment Break

4:00pm – 5:00pm

Renal Support in Acute Renal Failure

Paul M. Palevsky, MD

5:00pm – 6:00pm

Management of Polycystic Kidney Disease

Theodore I. Steinman, MD

Course Schedule

April 22 - 27, 2012

MONDAY, APRIL 23

7:00am – 7:30am
Continental Breakfast

7:30am – 8:30am
Hyperphosphatemia: The Silent Killer of CKD Patients
Eduardo Slatopolsky, MD, FACP

8:30am – 9:30am
Dilemmas in the Treatment of Mild Hypertension
Burton D. Rose, MD

9:30am – 10:00am
Refreshment Break

10:00am – 11:15am
New Concepts on the Pathogenesis and Treatment of Metabolic Bone Disease
Eduardo Slatopolsky, MD, FACP

11:15am – 12:30pm
Ischemic Renal Disease and Renovascular Hypertension
Marc A. Pohl, MD

12:30pm – 1:45pm
Lunch Break

12:45pm – 1:45pm
Meet the Professor
Marc A. Pohl, MD
Eduardo Slatopolsky, MD, FACP

1:45pm – 3:00pm
Workshop: Acid Base
Burton D. Rose, MD

3:00pm – 3:30pm
Refreshment Break

3:30pm – 4:30pm
Resistant Hypertension
David A. Calhoun, MD

4:30pm – 5:30pm
Clinical Questions
Robert S. Brown, MD

TUESDAY, APRIL 24

7:00am – 7:30am
Continental Breakfast

7:30am – 8:15am
Nephrogenic Systemic Fibrosis and Contrast Nephropathy
Michael R. Rudnick, MD

8:15am – 9:00am
Maintenance Immunosuppression in Renal Transplantation
Martha Pavlakis, MD

9:00am – 9:30am
Refreshment Break

9:30am – 10:30am
Management of the Failing Transplant
Martha Pavlakis, MD

10:30am – 11:45am
Topics in Interventional Nephrology: Catheters, Fistulas & Grafts
Gerald A. Beathard, MD, PhD

11:45am – 1:00pm
Lunch Break

12:00pm – 1:00pm
Meet the Professor
Michael R. Rudnick, MD
Gerald A. Beathard, MD, PhD
Andreas Pierratos, MD, FRCPC

1:00pm – 2:00pm
Noninfectious Complications of Renal Transplantation
Martha Pavlakis, MD

2:00pm – 2:45pm
Short Daily/Nocturnal Hemodialysis
Andreas Pierratos, MD, FRCPC

2:45pm – 3:15pm
Refreshment Break

3:15pm – 4:15pm
HIV and Renal Disease
Melanie P. Hoenig, MD

4:15pm – 5:30pm
Pathology and Mechanisms of Glomerular Diseases
Helmut G. Rennke, MD

WEDNESDAY, APRIL 25

7:00am – 7:30am
Continental Breakfast

7:30am – 8:30am
Management of Anemia in ESRD
Steve J. Schwab, MD

8:30am – 9:30am
Cardiac Disease in ESRD
William L. Henrich, MD, MACP

9:30am – 9:45am
Refreshment Break

9:45am – 10:30am
Hemodialysis Delivery: The Barriers to Adequate Dialysis
Steve J. Schwab, MD

10:30am – 12:00pm
Workshop: Problems in Dialysis
Steve J. Schwab, MD
William L. Henrich, MD, MACP

12:00pm – 1:15pm
Basic PD Essentials for Clinical Practice
John M. Burkart, MD

"The Meet the Professor sessions are a particular highlight and the ability to interact with them in small groups"

Nephrology

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

APRIL 22 - 27, 2012

"All topics are excellent! Everything I need to know."

THURSDAY, APRIL 26

7:00am – 7:30am
Continental Breakfast

7:30am – 8:30am
**Management of Hypertension
in Nephropathy and Diabetes**
George L. Bakris, MD, FASN

8:30am – 9:30am
**Management of Nondiabetic
Chronic Kidney Disease**
George L. Bakris, MD, FASN

9:30am – 10:00am
Refreshment Break

10:00am – 11:00am
**Renal Transplant in High
Risk Kidney Recipients**
Daniel C. Brennan, MD, FACP

11:00am – 12:00pm
**Viral Infections in Renal
Transplant**
Daniel C. Brennan, MD, FACP

12:00pm – 1:15pm
Lunch Break

12:15pm – 1:15pm
Meet the Professor
*George L. Bakris, MD, FASN
Daniel C. Brennan, MD, FACP*

1:15pm – 2:15pm
**Modern Therapies in Lupus
Nephritis**
Gerald B. Appel, MD

2:15pm – 3:15pm
Renal Disease and Pregnancy
Ravi I. Thadhani, MD, MPH

3:15pm – 3:45pm
Refreshment Break

3:45pm – 4:45pm
Thrombotic Microangiopathies
Gerald B. Appel, MD

4:45pm – 5:45pm
**Workshop: Glomerular
Disease – Part I**
*Burton D. Rose, MD
Helmut G. Rennke, MD*

FRIDAY, APRIL 27

7:00am – 7:30am
Continental Breakfast

7:30am – 8:30am
**Challenging Glomerular
Biopsy Cases**
Gerald B. Appel, MD

8:30am – 9:15am
**Diuretic Resistance: Causes
and Therapeutic Response**
Jai Radhakrishnan, MD

9:15am – 9:45am
Refreshment Break

9:45am – 10:45am
**Renal Aspects of
Dysproteinemias**
Gerald B. Appel, MD

10:45am – 11:45am
**Management of the
Manifestations of
Nephrotic Syndrome**
Jai Radhakrishnan, MD

11:45am – 1:00pm
Lunch Break

12:00pm – 1:00pm
Meet the Professor
*Gerald B. Appel, MD
Jai Radhakrishnan, MD*

1:00pm – 2:15pm
**Workshop: Fluid and
Electrolytes**
Burton D. Rose, MD

2:15pm – 3:30pm
Renal Stones
Gary C. Curhan, MD, ScD

3:30pm – 4:30pm
**Workshop: Glomerular
Disease – Part II**
*Burton D. Rose, MD
Helmut G. Rennke, MD*

"Nice topic overview
from established, excel-
lent speakers in their
respective scientific field.
A distinct number of
professionals who treat
and demonstrate this
during their talks by
emphasizing the evidence
from clinical trials
related to "real patient
life".

"This is the best course I have ever attended. This is my
third year attending. I will be back!"

~ From a 2011 participant

NEPHROLOGY

2012
April 22 - 27, 2012

The Fairmont Copley Plaza ~ Boston, Massachusetts

Tuition Fee

(PLEASE CHECK BOXES INDICATING APPLICABLE FEES)

- Tuition fee: \$1,550 (USD)
- Reduced fee for Residents and Fellows in Training* and Allied Health Professionals: \$1,000 (USD)

Registration Form

PLEASE PRINT CLEARLY - ALL FIELDS REQUIRED

FULL NAME

First

Middle Initial

Last

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: 3EM

COURSE #322938

"Brings the practicing Nephrologist up to date..."