Nephrologists can rely on this program for updates and advances in the diagnosis and management of kidney diseases.

Now offering up to 49 MOC points plus more than 50 interactive lectures, case-based workshops and "Meet the Professor" sessions led by the foremost authorities in nephrology. Topics include:

- Glomerular disease
- Acute renal failure
- Renal transplantation
- Maintenance immunosuppression
- Resistant hypertension
- Renal disease and pregnancy
- Acid-base disorders
- Fluid and electrolyte disorders
- Potassium balance
- Renovascular hypertension
- Bone mineral disorders
- Lupus nephritis
- Diuretic resistance
- Dialysis
- Renal stones
- Polycystic kidney disease
- Genetic renal diseases
- Cardiorenal syndrome

Under the leadership of:

Martin Pollak, MD  |  Burton D. Rose, MD
Bradley M. Denker, MD  |  Melanie P. Hoenig, MD

Earn up to:

49 AMA PRA Category 1 Credits™  •  49 ABIM MOC Points  •  49 ECMECs®  •  49 AOA Category 2-A Credits

The Royal College of Physicians and Surgeons of Canada Recognizes This Educational Activity

Register now www.NephrologyBoston.com
Many practicing nephrologists and physicians find it difficult to keep up with the rapid scientific and technological advances in renal care because medicine is changing at a faster pace than ever before. As busy clinicians, we need to stay current in order to optimize patient care and improve outcomes.

We invite you to advance your knowledge by joining world-renowned experts and Harvard Medical School's leading clinical faculty for a comprehensive review of nephrology. The most important updates and advances in the diagnosis and treatment of kidney diseases will be taught, including practical information that you can use now to provide exceptional patient care.

This CME course will address pathophysiologic and clinical issues in the major areas of nephrology, including:

- Diagnostic testing
- Acid-base and fluid and electrolyte disorders
- Dialysis
- Hypertension
- Renal transplantation and complications
- Management and individualized therapy of chronic kidney diseases and other renal complications

Presenters will also discuss well-recognized medical complications and provide specific recommendations for optimal care. This is an excellent opportunity to learn the latest "best practices" and enhance your clinical skills. Both new and returning attendees will benefit from the comprehensive curriculum.

**ENGAGING SESSIONS WITH PROMINENT EXPERTS**

All sessions are led by prominent teachers and clinicians who provide specific recommendations for incorporating the latest updates into your practice. Course material will be presented in a distraction-free environment through formats that include:

- Innovative lectures
- Valuable case-based sessions
- Interactive workshops with the Audience Response System*
- Helpful small-group "Meet the Professor" sessions to discuss challenging cases and ask pressing questions
- Informal opportunities to share and exchange information and teachings with peers and fellow healthcare professionals

**WHY YOU SHOULD ATTEND**

Increase your skills and knowledge to deliver unparalleled care to your patients. You will leave the course with:

- The latest nephrology knowledge, insight and teachings from leading authorities and clinical educators
- A greater understanding of how to apply the latest tools and tests in your practice
- Awareness of your strengths and areas for improvement
- A network of like-minded professional colleagues
- An in-depth print and electronic syllabus packed with valuable information and real-world solutions

**LEARNING OBJECTIVES**

At the end of this course, you will be able to:

- Discuss how to approach and manage patients with acid-base and electrolyte disturbances
- Define hypertension treatment goals and management for different populations
- Review strategies for diagnosing and managing acute kidney injury
- Evaluate new developments to reduce the risk of chronic kidney disease progression
- Incorporate optimal immunosuppression strategies for initial and maintenance immunosuppression
- Develop strategies to screen, prevent and treat patients with long-term complications of kidney transplantation
- Define optimal management for non-immunologic complications after kidney transplantation

*The Audience Response System is an interactive electronic system that anonymously tests participants' diagnostic and therapeutic knowledge.
Faculty

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

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

Daniel C. Brennan, MD, FACP
Professor of Medicine
Johns Hopkins Medical School
Medical Director and Co-Director
Comprehensive Transplant Center
Department of Internal Medicine
Johns Hopkins Hospital

Robert S. Brown, MD
Associate Professor of Medicine
Harvard Medical School
Associate Chief for Academic Affairs
Nephrology Division
Beth Israel Deaconess Medical Center
President, The Organization for Renal Care in Haiti (TORCH)

Robert A. Cohen, MD, MSc
Assistant Professor of Medicine
Harvard Medical School
Director of Education, Nephrology Division
Beth Israel Deaconess Medical Center

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

John Danziger, MD
Assistant Professor of Medicine
Harvard Medical School
Beth Israel Deaconess Medical Center

Michael Emmett, MD
Professor of Medicine
Texas A&M School of Medicine and University of Texas Southwestern
Chairman of Internal Medicine
Baylor University Medical Center
Baylor Scott & White Health

Amy R. Evenson, MD, MPH
Assistant Professor of Surgery
Harvard Medical School
Attending Surgeon
Beth Israel Deaconess Medical Center

Ronald J. Falk, MD
Allen Brewster Distinguished Professor of Medicine
Chair, Department of Medicine
The University of North Carolina at Chapel Hill

Esther E. Freeman, MD, PhD
Assistant Professor of Dermatology
Harvard Medical School
Massachusetts General Hospital

Frederick D. Grant, MD
Assistant Professor of Radiology
Harvard Medical School

Stewart H. Lecker, MD, PhD
Assistant Professor of Medicine
Harvard Medical School
Director, Nephrology Fellowship Training Program
Beth Israel Deaconess Medical Center

Paul M. Palevsky, MD
Professor of Medicine and Clinical & Translational Science
University of Pittsburgh School of Medicine
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

Marc A. Pohl, MD
Ray W. Gifford, Jr., MD, Endowed Chair in Hypertension
Department of Nephrology and Hypertension
Glickman Urological and Kidney Institute
The Cleveland Clinic

Jai Radhakrishnan, MD, MS
Professor of Medicine
Columbia University College of Physicians and Surgeons
Clinical Chief, Nephrology
Beth Israel Deaconess Medical Center

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

Adam M. Segal, MD
Instructor in Medicine
Harvard Medical School
Harvard Vanguard Medical Associates
Beth Israel Deaconess Medical Center

Richard H. Sterns, MD
Emeritus Professor of Medicine
University of Rochester School of Medicine and Dentistry

Ravi I. Thadhani, MD, MPH
Professor of Medicine
Harvard Medical School
Chief, Division of Nephrology
Massachusetts General Hospital
Executive Director, Clinical Trials Office
Partners HealthCare

Anand Vaidya, MD, MMSc
Assistant Professor of Medicine
Harvard Medical School
Director, Center for Adrenal Disorders
Brigham and Women’s Hospital
Director, e-Learning Initiative
New England Journal of Medicine

Mark E. Williams, MD, FACP, FASN
Associate Professor of Medicine
Harvard Medical School
Director of Dialysis Operations
Beth Israel Deaconess Medical Center
Senior Staff Physician
Joslin Diabetes Center

Myles S. Wolf, MD, MMSc
Professor of Medicine
Chief, Division of Nephrology
Duke University School of Medicine

Mark L. Zeidel, MD
Herrman Ludwig Blumgart Professor of Medicine
Harvard Medical School
Chair, Department of Medicine
Beth Israel Deaconess Medical Center

Directors

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

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

Co-Directors

Bradley M. Denker, MD
Associate Professor of Medicine
Harvard Medical School
Clinical Chief, Renal Division
Beth Israel Deaconess Medical Center
Chief of Nephrology
Associate Chief of Medical Specialties
Harvard Vanguard Medical Associates

Melanie P. Hoenig, MD
Associate Professor of Medicine
Course Director of Homeostasis II
Harvard Medical School
Staff Physician
Beth Israel Deaconess Medical Center
General Information

Registration Information

Nephrology — 2018

<table>
<thead>
<tr>
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<th>REGISTER ON OR BEFORE JAN. 5, 2018, AND SAVE $100</th>
<th>REGISTER AFTER JAN. 5, 2018</th>
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<tr>
<td>Physicians and Allied Health Professionals</td>
<td>$1,550</td>
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<tr>
<td>Residents and Fellows in Training</td>
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Fees shown in USD. Your tuition includes all breakfasts, coffee and breaks, and complimentary Internet access. All attendees will receive a comprehensive printed syllabus with online access.

ACCREDITATION

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

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.

ABIM MAINTENANCE OF CERTIFICATION (NEW)

Successful completion of this CME activity enables the participant to earn up to 49 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC points.

CANADIAN ACCREDITATION

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

EUROPEAN ACCREDITATION

Through an agreement between the American Medical Association and the European Union of Medical Specialists, physicians may convert AMA PRA Category 1 Credits™ to an equivalent number of European CME Credits© (ECMECs®). Information on the process of converting AMA PRA Category 1 Credits™ to ECMECs® can be found at: www.eaccme.eu.

OSTEOPATHIC ACCREDITATION

This program has been accredited by the American Osteopathic Association for 49 AOA Category 2-A Credits.

ABMS/ACGME COMPETENCIES

The course is designed to meet the following American Board of Medical Specialties (ABMS)/Accreditation Council for Graduate Medical Education (ACGME) competencies:

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

IOM COMPETENCIES

The course is designed to meet the following Institute of Medicine (IOM) competencies:

- Provide patient-centered care
- Employ evidence-based practice
- Utilize informatics
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.

PAYMENT, CONFIRMATION AND REFUND POLICY
You may register by credit card (Visa, MasterCard or American Express) or check using Harvard Medical School’s secure online registration system at www.NephrologyBoston.com. A nonrefundable processing fee of $5 (USD) will be assessed per transaction. 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. Refund requests must be received by postal mail, email or fax. Refunds, less an administrative fee of $150, will be issued for all cancellations received two weeks before the start of the course. No refunds will be issued should cancellation occur less than two weeks before. "No shows" are subject to the full course fee, and no refunds will be issued once the conference has started.

COURSE LOCATION
All sessions for this activity will be held at:

The Fairmont Copley Plaza
138 St. James Avenue
Boston, MA 02116
Tel: 617-267-5300

ACCOMMODATIONS AND TRAVEL
A limited number of rooms have been reserved at the Fairmont Copley Plaza (telephone: 617-267-5300) until February 24, 2018. Please specify that you are enrolled in this course to receive a reduced room rate of $329/$349 (Moderate/Deluxe). Hotel arrangements can also be made online at: www.NephrologyBoston.com/Accommodations. Please do not purchase nonrefundable airline ticket(s) until you have received an email from our office confirming your paid registration.

INQUIRIES
By phone 617-384-8600, Monday-Friday, 9 AM to 5 PM (EST), or by email at: ceprograms@hms.harvard.edu.

DISCLAIMER
CME activities sponsored by Harvard Medical School are offered solely for educational purposes and do not constitute any form of certification of competency. Practitioners should always consult additional sources of information and exercise their best professional judgment before making clinical decisions of any kind.

This program is endorsed in part by the International Society of Nephrology.
SUNDAY, MARCH 18, 2018

7:00am – 7:50am  Registration and Continental Breakfast

7:50am – 8:00am  Introduction and Welcome

8:00am – 9:00am  State-of-the-Art Approaches to Small-Vessel Vasculitis
Ronald J. Falk, MD

9:00am – 10:00am  Renal Artery Disease, Renovascular Hypertension and Ischemic Nephropathy
Marc A. Pohl, MD

10:00am – 10:20am  Refreshment Break

10:20am – 11:20am  Efficacy of Immunosuppressive Drugs in Idiopathic Nephrotic Syndrome
Ronald J. Falk, MD

11:20am – 12:05pm  Resistant Hypertension: Current Strategies and Treatment Options
Marc A. Pohl, MD

12:05pm – 1:20pm  Lunch Break

12:35pm – 1:20pm  Meet the Professors – Answering Your Challenging Questions (bring your lunch)
Ronald J. Falk, MD
Marc A. Pohl, MD

1:20pm – 2:20pm  IgA Nephropathy and H-S Purpura: Individualizing Therapy
Ronald J. Falk, MD

2:20pm – 3:05pm  Basic PD Essentials for Clinical Practice
Adam M. Segal, MD

3:05pm – 3:15pm  Rejuvenation Exercises

3:15pm – 3:30pm  Refreshment Break

3:30pm – 4:15pm  Prevention and Treatment of Common PD Complications
Adam M. Segal, MD

4:15pm – 5:00pm  Advanced CKD: Challenging Conversations Related to Prognosis and Treatment Decisions
Robert Cohen, MD

5:00pm – 5:30pm  Renal Imaging: Essentials for Every Nephrologist
Frederick D. Grant, MD

MONDAY, MARCH 19, 2018

7:00am – 7:30am  Continental Breakfast

7:30am – 8:15am  Acid-Base: Elementary Issues
Michael Emmett, MD

8:15am – 9:00am  Acid-Base: Advanced Issues
Michael Emmett, MD

9:00am – 10:00am  Relation Between Salt and Water
Richard H. Sterns, MD

10:00am – 10:20am  Refreshment Break

10:20am – 11:20am  Workshop: Fluid and Electrolytes
Richard H. Sterns, MD

11:20am – 12:05pm  Test Your Knowledge: Cases and Discussion
Stewart H. Lecker, MD, PhD

12:05pm – 1:20pm  Lunch Break

12:35pm – 1:20pm  Meet the Professors – Answering Your Challenging Questions (bring your lunch)
Richard H. Sterns, MD
Michael Emmett, MD

1:20pm – 2:20pm  Workshop: Acid-Base Clinical Cases
Michael Emmett, MD

2:20pm – 3:05pm  Disorders of Potassium Balance: A Comprehensive Primer
Richard H. Sterns, MD

3:05pm – 3:15pm  Rejuvenation Exercises

3:15pm – 3:30pm  Refreshment Break

3:30pm – 4:30pm  Case-Based Clinical Questions
Robert S. Brown, MD

4:30pm – 5:30pm  Case-Based Workshop: Problems in Dialysis
John Danziger, MD

TUESDAY, MARCH 20, 2018

7:00am – 7:30am  Continental Breakfast

7:30am – 8:30am  Workshop: Challenging Cases in Glomerular Disease
Helmut G. Rennke, MD

8:30am – 9:30am  Immunosuppressive Management in Acute Infection and Malignancy in Renal Transplantation
Daniel C. Brennan, MD, FACP

9:30am – 9:50am  Refreshment Break

9:50am – 10:50am  Overview of Renal Transplant Rejection: Pathology, Diagnosis, Treatment and Outcomes
Daniel C. Brennan, MD, FACP

10:50am – 11:50am  Management of Polycystic Kidney Disease
Theodore I. Steinman, MD

11:50am – 12:50pm  Genetic Renal Disease: Which Diagnostic Test Do I Order – A Practical Approach
Martin Pollak, MD

12:50pm – 2:05pm  Lunch Break

1:20pm – 2:05pm  Meet the Professor – Answering Your Challenging Questions (bring your lunch)
Daniel C. Brennan, MD, FACP

2:05pm – 3:05pm  Advances in Phosphate Homeostasis Management
Myles S. Wolf, MD, MMSc

3:05pm – 3:15pm  Rejuvenation Exercises

3:15pm – 3:30pm  Refreshment Break

3:30pm – 4:30pm  Tubulointerstitial Disease/HIV
Melanie P. Hoenig, MD

4:30pm – 5:45pm  Pathology and Mechanisms of Glomerular Diseases
Helmut G. Rennke, MD
WEDNESDAY, MARCH 21, 2018

7:00am – 7:30am  Continental Breakfast

7:30am – 8:30am  Updates on the Management of Chronic Kidney Disease
Bradley M. Denker, MD

8:30am – 9:15am  Contrast-Associated Acute Kidney Injury: Addressing This Common Challenge
Paul M. Palevsky, MD

9:15am – 10:15am  Noninfectious Complications of Renal Transplantation
Martha Pavlakis, MD

10:15am – 10:30am  Refreshment Break

10:30am – 11:30am  Maintenance of Immunosuppression in Renal Transplantation
Martha Pavlakis, MD

11:30am – 12:30pm  Management of Hypertension in Nephropathy and Diabetes: An Update
George L. Bakris, MD, FASH, FASN

12:30pm – 1:15pm  Meet the Professors – Answering Your Challenging Questions (bring your lunch)
George L. Bakris, MD, FASH, FASN
Theodore I. Steinman, MD

1:15pm – 2:00pm  Management of the Incidentally Discovered Adrenal Mass
Anand Vaidya, MD, MMSc

2:00pm – 3:15pm  Endocrine Hypertension: Primary Aldosteronism and Pheochromocytoma
Anand Vaidya, MD, MMSc

3:15pm – 3:25pm  Rejuvenation Exercises

3:25pm – 3:45pm  Refreshment Break

3:45pm – 4:45pm  Treating Lupus Nephritis in 2018
Gerald B. Appel, MD

4:45pm – 5:45pm  Diagnosis and Management of Thrombotic Microangiopathies
Gerald B. Appel, MD

THURSDAY, MARCH 22, 2018

7:00am – 7:30am  Continental Breakfast

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

8:30am – 9:30am  Management of the Failing Kidney: Best Practices for Care
Martha Pavlakis, MD

9:30am – 9:50am  Refreshment Break

9:50am – 10:50am  Management of Nondiabetic Chronic Kidney Disease
George L. Bakris, MD, FASH, FASN

10:50am – 11:15am  Important Ophthalmology and Dermatology Essentials: “Never Miss” Findings
Esther E. Freeman, MD, PhD
Theodore I. Steinman, MD

11:15am – 12:00pm  Meet the Professors – Answering Your Challenging Questions (bring your lunch)
Gerald B. Appel, MD
Jai Radhakrishnan, MD, MS

12:00pm – 1:15pm  Management of the Manifestations of Nephrotic Syndrome
Jai Radhakrishnan, MD, MS

1:15pm – 2:00pm  Management of the Incidentally Discovered Adrenal Mass
Anand Vaidya, MD, MMSc

2:00pm – 3:15pm  Endocrine Hypertension: Primary Aldosteronism and Pheochromocytoma
Anand Vaidya, MD, MMSc

3:15pm – 3:25pm  Rejuvenation Exercises

3:25pm – 3:45pm  Refreshment Break

3:45pm – 4:45pm  Treating Lupus Nephritis in 2018
Gerald B. Appel, MD

4:45pm – 5:45pm  Diagnosis and Management of Thrombotic Microangiopathies
Gerald B. Appel, MD

FRIDAY, MARCH 23, 2018

7:00am – 7:30am  Continental Breakfast

7:30am – 8:30am  AV Access: Issues and Challenges
Amy R. Evenson, MD, MPH

8:30am – 9:30am  Renal Aspects of Dysproteinemias
Gerald B. Appel, MD

9:30am – 10:00am  Refreshment Break

10:00am – 11:00am  Case-Based Workshop: Challenging Glomerular Biopsy Cases
Gerald B. Appel, MD

11:00am – 11:45am  Diuretic Resistance: Causes and Therapeutic Response
Jai Radhakrishnan, MD, MS

11:45am – 1:00pm  Lunch Break

12:15pm – 1:00pm  Meet the Professors – Answering Your Challenging Questions (bring your lunch)
Gerald B. Appel, MD
Jai Radhakrishnan, MD, MS

1:00pm – 2:00pm  Management of the Manifestations of Nephrotic Syndrome
Jai Radhakrishnan, MD, MS

2:00pm – 2:45pm  Hemodialysis Delivery: Complications and the Barriers to Adequate Dialysis
Mark E. Williams, MD, FACP, FASN

2:45pm – 3:00pm  Refreshment Break

3:00pm – 4:00pm  Renal Disease and Pregnancy
Ravi I. Thadhani, MD, MPH

4:00pm – 5:00pm  A Comprehensive Look at Renal Stones: Strategies and Treatment Options
Gary C. Curhan, MD, ScD

Note: Program changes/substitutions may be made without notice.
UNDER THE LEADERSHIP OF:
Department of Continuing Education
P.O. Box 825
Boston, MA 02117-0825

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