2017 ONCO-NEPHROLOGY SYMPOSIUM

DECEMBER 1, 2017

Memorial Sloan Kettering Cancer Center
Zuckerman Research Center
417 East 68th Street
New York, NY 10065
Cancer patients present the nephrologist with more complex fluid and electrolyte disturbances than those typically encountered, and the introduction of novel anti-cancer drugs with fairly unique toxicities has created the need for specialized education in the field of onco-nephrology. This seminar will enable participants to advance and refine their understanding of unique issues relating to the evaluation and management of patients with cancer with acquired and chronic kidney disease. Didactic lectures will focus on electrolyte derangements in cancer patients, targeted therapies and their nephrotoxic effects, recognition and management of monoclonal gammopathy of renal significance, acute and chronic kidney disease in the bone marrow transplant patient, anemia management in cancer patients, and care of the renal transplant patient with cancer. Participants will learn about common urinary diversion procedures in these patients and their related complications. Additionally attendees will participate in clinicopathologic case presentations.

TARGET AUDIENCE
This course is intended for physicians and healthcare professionals in Hospital Medicine, Internal Medicine, Nephrology and Oncology.

EDUCATIONAL OBJECTIVES

• Recognize the clinical and laboratory features of the variety of sodium disorders in cancer patients
• Identify the clinical and laboratory features of renal toxicities across a spectrum of cancer chemotherapies
• Identify the clinical and laboratory features of monoclonal gammopathy of renal significance
• Manage specific categories of patients with AKI or CKD including bone marrow transplant patients and renal transplants patients diagnosed with cancer
• Evaluate and manage the patient with a renal mass or renal cancer
• Understand the differences among various urinary diversion procedures and the fluid and electrolyte disorders associated with them

This course is directly provided by Memorial Sloan Kettering and in collaboration with MD Anderson Cancer Center.

This course is endorsed by the American Society of Nephrology (ASN) and the International Society of Nephrology (ISN).
MSK COURSE DIRECTORS

Edgar A. Jaimes, MD
Chief, Renal Service
Memorial Sloan Kettering Cancer Center
Professor of Medicine
Weill Cornell Medical College

Sheron Latcha, MD, FASN
Associate Clinical Member
Renal Service
Memorial Sloan Kettering Cancer Center
Assistant Professor of Clinical Medicine
Weill Cornell Medical College

MSK FACULTY

Sherri M. Donat, MD, FACS
Attending Surgeon, Urology Service
Memorial Sloan Kettering Cancer Center
Professor Urology
Weill Cornell Medical College

Ilya Glezerman, MD
Associate Clinical Member
Renal Service
Memorial Sloan Kettering Cancer Center
Associate Professor of Clinical Medicine
Weill Cornell Medical College

INVITED FACULTY

Sheldon Chen, MD
Associate Professor
Section of Nephrology
MD Anderson Cancer Center
Houston, TX

Surya V. Seshan
Professor of Clinical Pathology
Weill Cornell Medicine
Chief, Renal Pathology Division
Director, Electron Microscopy Laboratory
New York-Presbyterian Hospital/
Weill Cornell Medical Center
New York, NY

Manikkam Suthanthiran, MD
Stanton Griffis Distinguished Professor of Medicine
Chief, Division of Nephrology & Hypertension
Weill Cornell Medicine
Chief, Department of Transplantation Medicine
New York-Presbyterian Hospital/
Weill Cornell Medical Center
New York, NY

Robert Weiss, MD
Professor of Medicine
Chief of Nephrology
University of California, Davis
Sacramento VA Medical Center
Sacramento, CA

Farhad R. Danesh, MD
Professor and Section Chief
Section of Nephrology
MD Anderson Cancer Center
Houston, TX

Volker Haase, MD
Professor of Medicine
Division of Nephrology & Hypertension
Vanderbilt University
Nashville, TN

Nelson Leung, MD
Professor of Medicine
Department of Nephrology
Mayo Clinic
Rochester, MN

Mark A. Perazella, MD
Professor of Medicine
Yale University School of Medicine
Section of Nephrology
New Haven, CT
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>BREAKFAST AND REGISTRATION</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Welcoming Remarks</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>DEPARTMENT OF MEDICINE GRAND ROUNDS</td>
</tr>
<tr>
<td></td>
<td>Paraprotein Related Kidney Disease</td>
</tr>
<tr>
<td></td>
<td>Nelson Leung, MD</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>CME Introduction &amp; MOC Pre-Test</td>
</tr>
<tr>
<td>9:15 AM</td>
<td>Immunotherapy Associated Nephrotoxicity</td>
</tr>
<tr>
<td></td>
<td>Mark A. Perazella, MD</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Cancer Treatment Associated Thrombotic Microangiopathy</td>
</tr>
<tr>
<td></td>
<td>Farhad R. Danesh, MD</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Post Transplantation Malignancy: A Cell Autonomous Mechanism with Clinical Implications</td>
</tr>
<tr>
<td></td>
<td>Manikkm Suthanthiran, MD</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Renal Cell Carcinoma for the Nephrologist</td>
</tr>
<tr>
<td></td>
<td>Robert Weiss, MD</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Kidney Disease After Bone Marrow Transplants</td>
</tr>
<tr>
<td></td>
<td>Ilya Glezerman, MD</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>LUNCH</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Urinary Diversion Procedures in Cancer Patients - What the Nephrologist Should Know</td>
</tr>
<tr>
<td></td>
<td>Sherri M. Donat, MD</td>
</tr>
<tr>
<td>1:35 PM</td>
<td>Hyponatremia: Salt Wasting Nephropathy</td>
</tr>
<tr>
<td></td>
<td>Sheron Latcha, MD</td>
</tr>
<tr>
<td>2:10 PM</td>
<td>Acute Kidney Injury in Cancer Patients</td>
</tr>
<tr>
<td></td>
<td>Sheldon Chen, MD</td>
</tr>
<tr>
<td>2:40 PM</td>
<td>BREAK</td>
</tr>
<tr>
<td>2:55 PM</td>
<td>Anemia Management and HIF Pathways in Cancer Patients</td>
</tr>
<tr>
<td></td>
<td>Volker Haase, MD</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Clinicopathologic Case Conference</td>
</tr>
<tr>
<td></td>
<td>Surya V. Seshan</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Closing Remarks &amp; MOC Post-Test</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Cocktail Reception</td>
</tr>
</tbody>
</table>
## Registration

<table>
<thead>
<tr>
<th></th>
<th>Early*</th>
<th>General</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians (MDs, PhDs and DOs)</td>
<td>$275</td>
<td>$325</td>
</tr>
<tr>
<td>Fellows, Residents and RNs</td>
<td>$100</td>
<td>$150</td>
</tr>
<tr>
<td>Industry Members*</td>
<td>$575</td>
<td>$575</td>
</tr>
</tbody>
</table>

Register online: [www.mskcc.org/NephrologyCourse](http://www.mskcc.org/NephrologyCourse)

Registration includes continental breakfast, lunch and refreshment breaks. Please email cme@mskcc.org at least one week prior to the course if you have any special dietary needs.

- **30% Discounted Rate for MSK Alumni and MSK Alliance Members**
  MSK offers a 30% discounted rate to all MSK Alumni and MSK Alliance members to attend a CME course. Please contact cme@mskcc.org for a promo code or more information.

- **MSK Staff Registration**
  Registration is complimentary for MSK staff who wish to attend this course. However, you must register online by visiting the course website.

*Industry Members* - Registration is for educational purposes only. Marketing, sales, and promotion of products and services are prohibited at CME activities.

*Early Registration -* Apply promo code 17NEPEARLY at registration (Deadline: 10/1/17)

### Accreditation Statement

MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### AMA Credit Designation Statement

MSK designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### ABIM MOC Recognition Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 7.75 Medical Knowledge MOC points and patient safety MOC credit 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 credit.

### Faculty Disclosure

It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it provides as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity provided by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

### Accommodations

For information regarding traveling to MSK, including hotels in the area of MSK with discounted rates, please visit: [www.mskcc.org/cme](http://www.mskcc.org/cme).