PROGRAM DESCRIPTION
The 17th Annual Mayo Clinic Update in Nephrology and Transplantation is a two-day course designed to update participants on a range of nephrology topics relevant to current medical practice. Through a combination of lectures, literature review, and case-based presentations, this course will deliver up-to-date and cutting edge information that can be directly integrated into clinical practice.

LEARNING OBJECTIVES
At the completion of the general course, participants should be able to:
- Identify renal complications of novel cancer therapeutic agents.
- Critique suggested wait times prior to receiving a kidney transplant for various cancers.
- Summarize recent developments and challenges in treating polycystic kidney disease.
- Compare various donor options for any particular renal failure patient.
- Construct a management plan for an incidentally discovered renal cyst/mass.
- Critique various treatment strategies for hyperkalemia and hyponatremia.

Bedside Ultrasonography for the Nephrologist: Hands-On Workshop
- Perform ultrasound of the kidneys, bladder, large vessels and lungs.
- Recognize common pathology detected by ultrasound examination
- Review and apply the principles of central line placement

CRRT: Hands-On Workshop
- Enumerate the various forms of CRRT
- Identify the indications of CRRT

MEET THE EXPERT SESSIONS
- Hypertension – Primary and Secondary
- PCKD, Lumps, Bumps, and Cancer
- Pregnancy, Kidney Disease and Women's Health
- Urolithiasis
- Transplantation

PROGRAM SCHEDULE
A complete schedule is available online.

CREDIT
In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for healthcare professionals. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CALL FOR ABSTRACTS
Abstract submissions are now being accepted for the 17th Annual Mayo Clinic Update in Nephrology and Transplantation course. Abstracts should be based on original research in the field of Nephrology and Kidney and/or Pancreas Transplantation. Accepted abstracts will be presented at dedicated poster sessions.

REGISTRATION FEES
<table>
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<tr>
<th>Fee Type</th>
<th>Early Bird Rate available through 1/11/2019</th>
<th>Regular Registration available 1/12/2019-2/8/2019</th>
<th>Late Registration Begins 2/9/2019</th>
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<tr>
<td>MD, PhD, DO, PharmD</td>
<td>$499</td>
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<td>Physicians in Training, PA, NP, RN</td>
<td>$455</td>
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<td>Ultrasound Workshop</td>
<td>$300</td>
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<td>CRRT Workshop</td>
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<td>Meet the Expert Session (each)</td>
<td>$75</td>
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<td>Saturday Only (Doctoral Rate)</td>
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*Mayo Clinic employees MD, PhD, DO, PharmD, Physicians in Training, PA, NP, RN rate is $450 for early bird, $495 for regular registration, and $545 for late registration.

For additional information
Website: ce.mayo.edu/nephrology
E-mail: zelinske.kathleen@mayo.edu
Phone: 507-266-1044 / Fax: 507-266-7891

REGISTER ONLINE AT:
CE.MAYO.EDU/NEPHROLOGY