This activity is jointly provided by Medical Education Resources (MER) and the International Society for Hemodialysis™.
This conference will focus on clinically important topics in hemodialysis, home dialysis, and treatment of CKD/ESKD. The program will work to optimize current practice patterns by providing up-to-date, evidence-based, practical information on the management of common hemodialysis-associated problems.

WHO SHOULD ATTEND?
This activity has been designed to meet the educational needs of professionals involved in the care of patients with chronic kidney disease and end-stage kidney disease. These professionals are primarily nephrologists, nephrology fellows, nephrology nurses, nurse practitioners, dietitians, pharmacists, program managers, administrators, social workers, and patient care technicians.

For more information, please contact the ISHD office at 601-924-4634 or email info@ishd.org. Program updates will be posted on the ISHD website periodically – www.ishd.org.

REGISTRATION
Go to https://www.ishd.regfox.com/hdu19 to register online.

ISHD MEMBER RATES  Member Code Required
Physician - $150
Nurse/Fellow/Other - $75

NONMEMBER RATES
Physician - $195
Nurse/Fellow/Other - $100

REFUND POLICY
To receive a full refund, cancellations for the meeting must be received in writing on or before September 9, 2019. After that date, no refunds will be granted.
Anil Agarwal, MD
Professor of Internal Medicine-Clinical, The Ohio State University Wexner Medical Center, Columbus, OH

Rajiv L. Agarwal, MBBS
Professor of Medicine, Indiana University School of Medicine, Indianapolis, IN

Gerald B Appel, MD
Professor of Clinical Medicine, Columbia University, New York, NY

George Bakris, MD
Professor of Medicine, The University of Chicago Medicine, Chicago, IL

Rob Blaser
Director of Public Policy, Renal Physicians Association, Rockville, MD

Michelle Carver, BSN, RN, CNN
Functional Vice President, Clinical Methods and Systems for Home, Fresenius Medical Care North America, Waltham, MA

Dinesh Chatoth, MD
Associate Chief Medical Officer, Fresenius Medical Care North America, Atlanta, GA

John Daugirdas, MD
Clinical Professor of Medicine, University of Illinois at Chicago School of Medicine, Chicago, IL

Giselle Guerra, MD
Medical Director, Miami Transplant Institute, Miami, FL

Nupur Gupta, MD
Assistant Professor of Clinical Medicine, Indiana University School of Medicine, Indianapolis, IN

Lisa Koester-Wiedemann, ANP, CNN-NP
Division of Nephrology, Washington University School of Medicine, St. Louis, MO

Michael A. Kraus, MD
Fresenius Medical Care North America, Fishers, IN

David J. Leehey, MD
Professor, Loyola University, Maywood, IL

Elizabeth J. Lindley, PhD
Specialist Clinical Scientist, Leeds Teaching Hospitals NHS Trust, Leeds, UK

Timothy Meyer, MD
Professor of Nephrology, Stanford University, Stanford, CA

Brent W. Miller, MD
Michael A. Kraus Professor of Clinical Medicine, Indiana University School of Medicine, Indianapolis, IN

Madhukar Misra, MD
Professor of Medicine, University of Missouri School of Medicine, Columbia, MO

Mark Molitch, MD
Professor of Medicine, Feinberg School of Medicine, Northwestern University, Chicago, IL

José Morfin, MD
Health Sciences Associate Clinical Professor, UC Davis Health, Davis, CA

Sankar D. Navaneethan, MD
Associate Professor of Medicine, Baylor College of Medicine, Houston, TX

Sagar Nigwekar, MD
Assistant Professor of Medicine, Harvard Medical School, Boston, MA

Martin Schreiber, MD
Chief Medical Officer, Home Modalities, DaVita Kidney Care, Cleveland, OH

Meghan Sise, MD
Instructor in Medicine, Massachusetts General Hospital, Boston, MA

James Tattersall, MD
Leeds Teaching Hospitals NHS Trust, Leeds, UK

William Luke Whittier, MD
Associate Professor of Medicine, Rush University Medical Center, Chicago, IL

Jay Wish, MD
Professor of Clinical Medicine, Indiana University School of Medicine, Indianapolis, IN

Jerry Yee, MD
Division Head, Nephrology and Hypertension, Henry Ford Hospital, Detroit, MI
SUNDAY, SEPTEMBER 22, 2019

11:00 am – 11:30 am
REGISTRATION

11:25 am – 11:30 am
OPENING REMARKS
Madhukar Misra, MD and Brent W. Miller, MD

11:30 am – 12:30 pm
LUNCH SYMPOSIUM
Phosphorus Binders - Is Era of Calcium-Containing Binders Over?
Sankar D. Navaneethan, MD

HEMODIALYSIS SESSION 1
12:30 pm – 1:00 pm
Warfarin vs. Newer Medications for Atrial Fibrillation and Other Indications
Sagar Nigwekar, MBBS

HOME DIALYSIS SESSION 1
12:30 pm – 1:00 pm
Brief History of Home Hemodialysis Brent W. Miller, MD

HEMODIALYSIS SESSION 2
VOLUME IN DIALYSIS PATIENTS
1:00 pm – 1:40 pm
Technology to Assist in Control of Volume Overload Elizabeth J. Lindley, PhD
1:40 pm – 2:20 pm
Impact of Volume Depletion and Volume Overload on Residual Renal Function and Cardiac Function James Tattersall, MD
2:20 pm – 2:30 pm
Panel Discussion

HOME DIALYSIS SESSION 2
1:00 pm – 1:45 pm
Current Home Hemodialysis Technology & Water Treatment in the Home Michael A. Kraus, MD
1:45 pm – 2:30 pm
Patient Selection and Preparing a Patient for HHD Lisa Koester-Wiedemann, ANP, CNN-NP
2:30 pm – 2:45 pm
BREAK/EXHIBITS

HEMODIALYSIS SESSION 3
HYPERTENSION AND HYponATREMIA
2:45 pm – 3:10 pm
What is Hypertension in Dialysis Patients and Which BP Should We Measure?
Rajiv L. Agarwal, MBBS
3:10 pm – 3:35 pm
Practical Tips on Use of Antihypertensive Drugs in Hemodialysis Rajiv L. Agarwal, MBBS
3:35 pm – 4:00 pm
Treatment of Severe Hyponatremia by CRRT and Hemodialysis Jerry Yee, MD
4:00 pm – 4:15 pm
Panel Discussion

HOME DIALYSIS SESSION 3
2:45 pm – 3:15 pm
Patient Training Basics Michelle Carver, BSN, RN, CNN
3:15 pm – 3:45 pm
Volume and BP Management Michael A. Kraus, MD
3:45 pm – 4:15 pm
The Efficient HHD Monthly Clinic Visit Brent W. Miller, MD
4:15 pm – 4:30 pm
BREAK/EXHIBITS

HEMODIALYSIS SESSION 4
4:30 pm – 5:00 pm
Magnesium Balance During Hemodialysis - Can We Do Better? David J. Leehey, MD
5:00 pm – 5:30 pm
Recovery of Renal Function after Starting Dialysis William Luke Whittier, MD
5:30 pm – 5:45 pm
Panel Discussion
HOME DIALYSIS SESSION 4
4:30 pm – 5:45 pm
Artificial Arm Cannulation Michelle Carver, BSN, RN, CNN
Machine Demonstrations
Prescription Writing Demonstrations Brent W. Miller, MD and Nupur Gupta, MD

MONDAY, SEPTEMBER 23, 2019
7:00 am – 7:30 am
REGISTRATION
7:30 am - 8:30 am
BREAKFAST SYMPOSIUM
What’s New in Anemia Management for Hemodialysis? Jay Wish, MD

HEMODIALYSIS SESSION 5
8:30 am – 9:00 am
Aspirin and Other Anti-platelet Agents and Vascular Access Anil Agarwal, MD
9:00 am – 9:30 am
Dosing of Advanced Anti-platelet Drugs in Coronary Syndromes in Dialysis Patients
Anil Agarwal, MD
9:30 am – 10:00 am
Modeled Daily Absorbable Phosphorus and Protein Catabolic Rate John Daugirdas, MD
10:00 am – 10:15 am
Panel Discussion

HOME DIALYSIS SESSION 5
8:30 am – 9:00 am
Status of Home Hemodialysis Dinesh Chatoth, MD
9:00 am – 9:40 am
HHD Prescription Management José Morfin, MD
9:40 am – 10:15 am
Integration of PD with ICHD Martin Schreiber, MD
10:15 am - 10:30 am
BREAK/EXHIBITS

HEMODIALYSIS SESSION 6
10:30 am – 11:15 am
Practical Protocols for Treating Hepatitis C in Dialysis Patients Meghan Sise, MD
11:15 am – 12:00 noon
When Should Immunosuppressive Therapy for GN be Abandoned in Dialysis Patients? Gerald B. Appel, MD

HOME DIALYSIS SESSION 6
10:30 am – 11:15 am
Caring for Vascular Access in HHD Anil Agarwal, MD
11:15 am – 12:00 noon
Transitional Care Units – How Do They Look and What Do They Accomplish? José Morfin, MD
12:00 noon – 1:00 pm
LUNCH SYMPOSIUM
Expanded Range Hemodialysis and Middle Molecule Removal in Renal Replacement Therapies Timothy Meyer, MD

HEMODIALYSIS SESSION 7
MANAGEMENT OF DIABETES IN CKD and ESKD
1:00 pm – 2:00 pm
Glycemic Management in the Patient with CKD Mark Molitch, MD
2:00 pm – 2:45 pm
Use of SGLT2 Inhibitors in CKD George Bakris, MD
2:45 pm – 3:15 pm
Panel Discussion

Program is subject to change.
HOME DIALYSIS SESSION 7

ADVANCING KIDNEY HEALTH INITIATIVE
1:00 pm – 1:30 pm  Advancing Kidney Health Initiative – Washington Perspective Rob Blaser
1:30 pm – 2:00 pm  Current State of Home Dialysis Dinesh Chatoth, MD
2:00 pm – 3:15 pm  Strategic Planning with Advancing Kidney Health Initiative Panel Discussion
                  Panelists: Dinesh Chatoth, MD, Brent W. Miller, MD, and Martin Schreiber, MD
3:15 pm – 3:30 pm  BREAK/EXHIBITS

HEMODIALYSIS SESSION 8

HEMODIALYSIS SESSION 8

DIALYSIS AND TRANSPLANTATION
3:30 pm – 4:00 pm  Pre-emptive Transplantation - Practical Techniques and Tools for Encouraging This
                  Giselle Guerra, MD
4:00 pm – 4:30 pm  Management of Immunosuppressive Drugs in Patients with Recently Failed Transplant
                  Giselle Guerra, MD
4:30 pm – 5:30 pm  Update on Novel K-Binders in Treatment of Hyperkalemia George Bakris, MD

HOME DIALYSIS SESSION 8

DEMONSTRATIONS AND NETWORKING
3:30 pm – 5:30 pm  Artificial Arm Cannulation Michelle Carver, BSN, RN, CNN
                  Machine Demonstrations
                  Prescription Writing Demonstrations Brent W. Miller, MD and Nupur Gupta, MD

HOTEL INFORMATION
The Hilton Rosemont/Chicago O’Hare is the headquarters hotel for the 2019 Hemodialysis University®.

Hilton Rosemont/Chicago O’Hare
5550 North River Road, Rosemont, IL 60018

A block of rooms has been reserved for HDU attendees at a special group rate:
$199  (single/double occupancy)

Reserve your room online at:
http://group.hilton.com/InternationalSocietyforHemodialysis

Booking Deadline: August 27, 2019

Free Shuttle to and from hotel from O’Hare daily 4:05 am to 1:45 am every 20 minutes.
Situated moments from the airport and a 10 minute walk to the CTA Blue Line station, providing links to
downtown Chicago. Take in a show at the adjacent Donald E. Stephens Convention Center. Within walking
distance, The Park at Rosemont offers dining, entertainment and a seasonal courtyard.
CONTINUING EDUCATION

The International Society for Hemodialysis will partner with Medical Education Resources (MER) for the provision of Physician Credit and Nursing Credit Hours. Approximately 15.25 credit hours are estimated for this program.

Physician Credit: This activity has been planned and implemented in accordance with the accreditation requirements and polices of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Medical Education Resources (MER) and International Society for Hemodialysis. MER is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation: Medical Education Resources designates this live activity for a maximum of 15.25 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Nursing Credit: Medical Education Resources is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. This CE Activity provides 15.25 contact hours of continuing nursing education.

Provider approved by the California Board of Registered Nursing, Provider # CEP12299, for 15.25 contact hours.

OBJECTIVES

- Describe how to best select and train patients for home hemodialysis
- Review the various methods of modeling used to write prescriptions for home hemodialysis therapy.
- Review the methods available for water treatment for home hemodialysis and how to monitor water quality for home hemodialysis.
- Describe the non-calcium containing phosphorus binders available and their impact on iron balance.
- Describe how to control blood pressure and volume overload in hemodialysis patients, and what technology aids are available.
- Immune-mediated kidney disease and hemodialysis
- Explain how to manage immunosuppressive therapy in dialysis patients with immune-related kidney disease.
- Describe the use of various anti-platelet and anti-thrombin drugs in dialysis patients, including the need for dosage adjustment.
- Identify the new categories of drugs available to manage iron deficiency as well as anemia in hemodialysis patients.
- Review what aspects of uremic toxicity may be due to middle molecules and the current methods available to remove high-range middle molecules using extracorporeal therapy.
- Describe the role of various methods to manage hyperkalemia in hemodialysis patients, including attention to diet, dialysis prescription, and potassium-binding drugs.

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