

2019 **ISHD** **HEMODIALYSIS** **UNIVERSITY**[®]

FROM THE UNIT TO THE HOME
With a Program Track Focusing on Home Hemodialysis

SEPTEMBER 22-23, 2019
HILTON ROSEMONT/CHICAGO O'HARE

In collaboration with:



Exhibit and Sponsorship opportunities available

ISHD
PO BOX 115 | CLINTON, MS 39060
601-924-4634 | ISHD.ORG | INFO@ISHD.ORG



*This activity is jointly provided
by Medical Education Resources
(MER) and the International
Society for Hemodialysis™.*

COURSE DIRECTORS



JOHN DAUGIRDAS, MD
HDU Program Co-Chair/ISHD Editor
Clinical Professor of Medicine
University of Illinois at Chicago
School of Medicine



NUPUR GUPTA, MD
Home Dialysis Program Chair
Assistant Professor of Clinical Medicine
Indiana University School of Medicine



MADHUKAR MISRA, MD
HDU Program Co-Chair/
ISHD Director of Education
Professor of Medicine
University of Missouri School of Medicine

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.

HDU FACULTY

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

PROGRAM AGENDA

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

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

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 policies 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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Akebia Therapeutics, AstraZeneca Pharmaceuticals, Baxter Healthcare,
Fresenius Medical Care Renal Therapies Group and Relypsa, Inc.*