Annual Dialysis Conference
presented by the University of Missouri Division of Nephrology

MARCH 16-19, 2019 • SHERATON DALLAS HOTEL

annualdialysisconference.org

Presented by

University of Missouri
School of Medicine | School of Nursing | Extension
The Annual Dialysis Conference convenes an international group of practitioners and researchers to discuss current developments in the field of dialysis. It is designed for health professionals involved in dialysis programs. It covers all aspects of dialysis with sessions on Hemodialysis, Peritoneal Dialysis in both Adult and Pediatric Programs.

The target audience includes physicians, fellows, nurses, social workers, dietitians, dialysis technicians and those involved in industry related to dialysis and the care of renal patients. Sessions in this conference are planned with consideration to the multidisciplinary nature of caring for patients on dialysis.

COURSE DESCRIPTION

The Annual Dialysis Conference: The thirty-eighth Annual Conference on Dialysis, and twenty-ninth Annual Symposium on Pediatric Dialysis are presented by the University of Missouri School of Medicine, Department of Medicine, Division of Nephrology; Continuing Medical Education and Physician Lifelong Learning; the University of Missouri Sinclair School of Nursing; and the Academy for Postgraduate Health Care Education.

This conference convenes an international group of practitioners and researchers to discuss current developments in the field of dialysis. The conference is designed for health professionals involved in established dialysis programs, as well as those working in new and developing programs. Both researchers and clinicians will find sessions of interest to them. Extensive commercial exhibits give participants a chance to see for themselves what is new in PD and HD products and services.

CONFERENCE OBJECTIVES

1. Review appropriate dialysis therapies to meet the medical and psychosocial needs of CKD patients and their families.
2. Describe current trends and established strategies in the management of the full range of services required by adult and pediatric dialysis patients.
3. Compare and contrast research findings related to improving the quality of care for dialysis patients.
4. Evaluate the latest evidence concerning the prevention and management of complications of CKD and dialysis.
5. Discuss major controversies and new developments in PD, HD, and pediatric dialysis.
6. Review fundamental knowledge of dialysis.

March 16-19, 2019
Dallas, Texas
Sheraton Dallas Hotel
**CHALLENGES IN HOME HEMODIALYSIS PROGRAM MANAGEMENT**

*Presented in Cooperation with the International Society for Hemodialysis*

Home Hemodialysis patients and facilities continue to grow, both worldwide and in the USA. This program brings together representatives of successful Home Hemodialysis programs to discuss fundamental elements as well as best practices of effective Home Hemodialysis. The full day session will also allow interactive discussion with speakers and experts in the field.

This program is intended for physicians, nurses, fellows, administrators and other members of the healthcare team providing home dialysis therapy, as well as patients and the dialysis industry and manufacturers who support home hemodialysis.

**8:00 am Welcome**

**Session 1**

*Presider: Brent Miller, MD*

8:10 **Keynote:** Why I Still Like Nocturnal Hemodialysis and Why Aren’t More People Doing It?

Robert Pauly, MD, MSc

This presentation will review the basis for current clinical management practices in the US and discuss the benefits of NHD that have never been demonstrated with other home-based prescriptions, as well as the growing body of evidence that suggests what we do and how we do it (in the varied delivery of NHD) impacts patient outcomes.

8:50 Life Plan Decision-Making for the CKD Patient: What We Can Learn from a Physician-Patient Interaction - Jeffrey Perl, MD, SM, FRCP (C); Sam Trevino

9:30 Effective Use of Technology and Social Media - Dori Schatell, MS

9:45 Discussion

10:00 Break

**Session 2**

*Planning for Home HD and Implementation of Plan*

*Presider: Lisa Koester, MSN, RN, CS, ANP*

10:20 Vignette: A patient with care partner and home dialysis nurse discuss how to get the home ready for home dialysis, plans for education and training, components of follow up care and other expectations that makes a successful home dialysis therapy. - Lisa Koester, MSN, RN

10:40 Initial Home Visit to prepare for home dialysis (home HD equipment (compare and contrast machines), water system and safety issues such as electrical connections, etc.) - Danilo Concepcion

11:00 Individualizing Training and Follow up care: How Often Should we be in the Patient’s Home and How Can Technology Assist - Sylvia Donato-Moore, BSN, RN, CNN

11:20 What Physicians Need to Know About Home Training and the Interdisciplinary Home Dialysis Team - Michael Krause, MD; Debbie Allen, RN

11:40 Discussion

12:00 Lunch

**12:20 - 1:15**

Please pick up your lunch and return to the meeting room.

**Session 3**

*Luncheon Session: Reimbursement, Efficiency and Effectiveness of Home Dialysis Operations: How to Make it Worthwhile for all Stakeholders*

*Moderator: Brent Miller, MD*

*Panelists: Linda Upchurch, Joel Glickman, MD; Debbie Allen, RN; Page Salenger, MD*

Session 3 will provide the attendees an opportunity for an interactive discussion and to ask questions from a panel of experts about Home HD-related issues. The major thrusts of discussion during this luncheon session are reimbursement issues as well as strategies to effectively and efficiently utilize patient, staff time and resources in the home dialysis program. You will have an opportunity to share your experiences and join exchange of ideas so we can learn from each other.

**Session 4**

*Clinical Management Challenges and Solutions*

*Presider: Joel Glickman, MD*

1:30 Follow-up Clinic Visit: Essential Elements - Joel Glickman, MD

2:00 Modification of Home Hemodialysis Prescriptions and Care Management - Michael Krause, MD

2:30 Practical Strategies in Maintaining Vascular Access Integrity for Home HD Patients - Page Salenger, MD

2:50 Summary and Discussion - Joel Glickman, MD

3:10 Break

**Session 5**

*Multidisciplinary Clinical Team Meeting*

*Presider: Robert Pauly, MD, MSc*

3:20 Video Presentation of the multidisciplinary care conference featuring members of the dialysis multidisciplinary team discussing the current program status: reviewing patient problems, program dropouts and discussion whether they have been prevented and how best to support fragile patients to maintain them on the modality. - Robert Pauly, MD, MSc

3:40 Psychosocial Interventions to Prevent Patient and Caregiver Burnout - Kathryn AebelGroesch, MSW, LCSW

4:00 When the Patient is Failing To Thrive: What Next? - Robert Pauly, MD, MSc

4:20 Palliative Care: When is the Appropriate Time to Introduce to a Patient's Care? - Edwina Brown, MD

4:40 Determining and Prioritizing Quality Improvement Projects to Improve Program Outcomes - Glenda Harbert

5:00 Discussion

5:30 Adjourn
PEERONEAL DIALYSIS MANAGEMENT: CHALLENGES AND OPPORTUNITIES

This one-day pre-conference program is designed to cover practical aspects in managing the patient on home Peritoneal Dialysis Therapy. Interactive discussion will be provided to allow exchange of ideas among experts and the audience.

This program is intended for nephrology fellows, new practicing nephrologists, nurses and others involved in the care of PD patients and the peritoneal dialysis industry who support the therapy.

7:50 am Welcome - Preethi Yerram, MD, MS

8:00 Keynote: Patient and Caregiver Priorities for Outcomes in PD - Edwina Brown, MD

PD Basics  
8:30-10:15
Presider: Preethi Yerram, MD, MS
8:30 Modification of PD Prescription to Meet Kt/V and UF Targets: Case-based Studies - Anjali Saxena, MD
10:00 Discussion
10:15 Break

Increasing PD Uptake: Challenges and Opportunities  
10:30-12:10
Presider: Peter Blake, MD, FRCP
10:30 Overcoming Barriers to Increasing Use of PD - Rajnish Mehrotra, MD, MS
11:00 Can Transitional Care Units Increase PD Uptake? - Peter Blake, MD, FRCPC
11:30 Impact of CKD Education on PD Penetration and Admissions - Marijo Johnson, BSN, RN
12:00 Discussion
12:10 Lunch (provided)

Quiz the Experts  
12:15-1:00
Moderator: Rajnish Mehrotra, MD, MS
Panelists: Marijo Johnson, BSN, RN; Lisa Gutekunst, MSEd, RD, CSR, CDN; Sagar Nigwekar, MD, MMSc
This session will provide attendees an opportunity for an interactive discussion and ask questions from a panel of experts about PD-related issues that may or may not be covered in any of the presentations in today’s program.

Nutrition and PD  
1:15-3:15
Presider: Lisa Gutekunst, MSEd, RD, CSR, CDN
1:15 Hypoalbuminemia in PD patients: Causes, Implications and Treatment Strategies - Lisa Gutekunst, MSEd, RD, CSR, CDN
2:00 “PD Causes Weight Gain”: What’s the Evidence? - Gautam Phadke, MD
2:30 Strategies for Phosphate Control in PD, Newer Phosphate Binders - Sagar Nigwekar, MD, MMSc
3:00 Discussion
3:15 Break

Patient Care Issues  
3:30-5:30
Presider: Ramesh Khanna, MD
3:30 Improving Retention in PD - Anjay Rastogi, MD
4:10 Optimizing Self-Care: Do Home Visits Make a Difference? - Maria Luongo, MSN, RN
4:50 The Life Plan Approach to Integrated Care: Is This Realistic in the US? - Martin Schreiber, MD
5:20 Discussion
5:30 Adjourn

FUNDAMENTALS OF EXTRACORPOREAL THERAPY

Hemodialysis: Prescription and Monitoring  
8:00-10:00
Presider: Madhukar Misra, MD
8:00 Introduction - Madhukar Misra, MD
8:05 Essentials of HD Prescription - John Daugirdas, MD
8:45 Anticoagulation Prescription in Hemodialysis - Andrew Davenport, MD
9:30 Water Treatment: The Essentials Every Nephrologist Needs to Know - Jay Wish, MD

Hemodialysis: Management of Clinical Issues  
10:30-12:00
Presider: Andrew Davenport, MD
10:30 Practical Management of Dry Weight Using Clinical Skills and Technical Tools - Daniel Coyne, MD
10:55 Managing and Preventing Infections: The Role of the Nephrologist - Brigitte Schiller
11:20 Managing Mineral Bone Disease in 2019 - Michael Shoemaker-Moyle, MD
11:45 Discussion

Lunch • 12:00-1:00
Hemodialysis Access: Practical Aspects 1:00-3:00  
**Presider:** Anil Agarwal, MD  
1:00 Catheters for Acute and Chronic HD  
*Tushar Vaccharajani*  
1:35 Catheter Care and Use - *Lesley Dinwiddie, MSN, RN, FNP, CNNE*  
2:10 Cannulation of Grafts and Fistulas - *Rosa Marticorena*  
2:45 Discussion  

**Break • 3:00-3:30**  

Hemodialysis: Anemia Management 3:30-5:00  
**Presider:** John Van Stone, MD  
3:30 Iron Administration in HD Patients: Basic Concepts and Newer Advances - *Daniel Coyne, MD*  
4:10 ESA Use in HD Patients: Where Are We in 2019? - *Jay Wish, MD*  
4:40 Discussion  
5:00 Adjourn  

**THE FUNDAMENTALS OF DIALYSIS IN CHILDREN**  
7:55 am Welcome  

**Session I**  
8:00-10:05  
**Presiders:** Helen Currier, BSN, RN, CENP, CNN; Bradley Warady, MD  
8:00 Peritoneal & Vascular Access - *Mary Brandt, MD*  
8:40 Physiology of Blood Purification (Dialysis and Pheresis) - *Jordan Symons, MD*  
9:20 PD Prescription and Adequacy Monitoring - *Raymond Quigley, MD*  

**Break • 10:05-10:20**  

**Session II**  
10:20-12:20  
**Presiders:** Franz Schaefer, MD; Nonnie Polderman, RD  
10:20 HD Prescription and Adequacy Monitoring - *Cherry Mammen, MD*  
11:00 Pediatric Dialysis Nutrition Guidelines - *Rosanne Woloschuk, RD*  
11:40 Growth and Recombinant Growth Hormone Therapy - *John Mahan, MD*  

**Breakout Sessions • 10:20-12:20**  
**Nursing Breakout**  
10:20 Inventory Management for Value-added: Home and In-center - *Sophie Fuller-Lafreniere, MPH*  
11:00 Interpreting the PET - *Jennifer Spies, BSN, RN, CPN*  
11:40 Non-infectious Complications of PD - *Mouin Seikaly, MD*  
**Pediatric Advanced Practice Provider**  
**Presider:** Jessica Geer, MSN, CPNP, CNN  
Facilitated Discussion on Practice Issues for the Pediatric Dialysis Advanced Practice Provider  

12:20 Lunch (Provided)  

**Session III – Luncheon Sessions**  
12:30-1:45  
**Fellows Case Conference – Stump the Consultants**  
**Presider:** John Mahan, MD  
**Consultants:** Raymond Quigley, MD; Jordan Symons, MD; Meredith Atkinson, MD; Cherry Mammen, MD; Raj Munshi, MD  
**Pediatric Dialysis Nurses and Advanced Practice Providers Luncheon**  
**Presider:** Theresa Mottes  
- Atypical HUS - *Eileen Brewer*  
**Pediatric Renal Dietitian Luncheon**  
**Presider:** Kirsten Thompson, RD  
- Pediatric Renal Nutrition Case Study - *Amanda Stavinoha, MS, RD, CSR, LD*  
- Introduction to Resources - *Nonnie Polderman, RD*  

**Break • 1:45-2:00**  

**Session IV**  
2:00-2:45  
**Presiding:** Amy Nau, RN; Steven Alexander, MD  
2:00 Renal Bone Disease - *Michelle Denburg, MD*  
2:45 Renal Anemia: The Basics - *Franz Schaefer, MD*  

**Break • 3:30-3:45**  

**Session V**  
3:45-5:00  
**Presiding:** Jordan Symons, MD; Jessica Geer, MSN, C-PNP, CNN-NP  
3:45 Major Infectious Complications - *Raj Munshi, MD*  
4:20 Cardiovascular Complications - *Franz Schaefer, MD*  
5:00 Adjourn
**ADC TECHNICIAN PROGRAM**

Dialysis Technicians are essential members of the interdisciplinary team who interact closely with patients and other healthcare providers. This program is designed specifically for this group of dialysis caregivers and other healthcare providers who participate in providing care for patients on dialysis.

8:00 am Welcome - Leonor Ponferrada, BSN, RN, CNN; Charles Johnson, CHT

**Session 1**
**Presider:** Danilo Concepcion, CBNT, CCHT-A, FNKF
8:10 Group Learning Activity: Test Your Knowledge of Dialysis
**Facilitators:** Danilo Concepcion, CBNT, CCHT-A, FNKF; Glenda Payne, MSN, RN, CNN; LaVonne Burrows, APRN, BC, CNN
Start your day with this group activity that promises to be informative and fun. Bring out your competitive spirit and win exciting prizes.

**Challenging Work and Life Situations: Coping Strategies**
9:10 Overview - Kathryn Aebel-Groesch, MSW, LCSW
9:20 Help!!!! I Love My Job but I am Exhausted!
Kathryn Aebel-Groesch, MSW, LCSW
9:40 Dealing with the Difficult Patient-Staff Interactions
Beth Witten, MSW, ACSW, LSCSW
10:00 Maintaining Professional Boundaries in Patient-centered Care - Mary Schira, PhD, RN, ACNP-BC
10:20 Discussion
10:30 Break

**Session 2**
**Barbara Prowant Lectureship: Nursing Keynote**
**Presiders:** Leonor Ponferrada, BSN, RN; Shirley Farrab, PhD, RN-BC
**Beth Ulrich, EdD, RN, FACHE, FAAN**
Patient safety, nurse safety, and a safety culture are major foundations of excellent health care. This presentation will discuss the components of these interrelated foundations and offer strategies for creating and maintaining a culture of safety in nephrology settings.

10:45 Break

**Session 3**
12:15-1:00
**Lunch with the Experts** (Please pick up your lunch and return to the meeting room).
**Moderator:** LaVonne Burrows, APRN, BC, CNN
**Panelists:** Danilo Concepcion, CBNT, CCHT-A, FNKF; LaVonne Burrows, APRN, BC, CNN; Karen Wiesen, MS, RDN, LDN, FNKF; Ronald Johnstone, RN
Session 3 will provide you an opportunity for an interactive discussion and ask questions from a panel of experienced practitioners about your workplace and your role in the dialysis interdisciplinary team. You will also have an opportunity to share your own experiences and join the exchange of ideas so we all can learn from each other.

**Exhibits and Posters • 1:00-2:00**
Visit the poster presentations on your own or join one of the nursing faculty guided tours. Check schedule at the entrance to the poster presentations.

**Session 4**
**Presider:** Camille May, MSN, RN
2:00 Vascular Access (VA): What Dialysis Caregivers Need to Know and Do to Prolong the Life of the VA
Christie Gooden, MD; Diane Anderson, BSN, RN
This session will address patient assessment, cannulation technique, complications and best practices to preserve the integrity and function of the VA including effective interdisciplinary team communication.
3:00 Volume Management: Reviewing the Evidence behind the Ultrafiltration Recommendations - LaVonne Burrows, APRN, BC, CNN
3:40 Is This Okay for Me to Eat? Be Knowledgeable When Interacting with Patients about Their Nutritional Needs
Karen Wiesen, MS, RDN, LDN, FNKF
4:00 Break

**Session 5**
4:15 Panel Discussion: What Can We Learn from Our Patients?
**Moderator:** Beth Witten, MSW, ACSW, LSCSW
**Panelist:** Tracy Johnston, CCHT; Camille May, MSN, RN; Otis J. Harris
This session will feature a panel of patients and dialysis staff who will interact and discuss issues that could arise in a dialysis setting. The goal is to provide caregivers awareness of the patient’s insight and offer practical tips that will help them perform a realistic patient-centered approach to delivering care.

Issues to be discussed will include:
- Making me feel safe during dialysis treatments.
- Offering information and continuing education.
- Referral to the right team member.
- Promoting participation in care and care planning.
- Reducing boredom and discomfort during dialysis treatments.
- Identifying and reaching rehabilitation and quality of life goals.
- My best and/or worst staff interaction. How did it make me feel?

5:15 Discussion and Summary
5:30 Adjourn

**Exhibits and Posters • 5:30-7:00**
**EARLY MORNING SESSIONS**

**Breakfast Symposium**
6:45-8:45

**Breakfast in Exhibit Hall**
7:00-9:00

**[09A] Welcome and Keynote Presentations**
9:00-10:30

- **9:10** Big Data! Past Limitations and the Future  
  **Kevin Erickson, MD**

- **9:50** Practice of Modern Medicine: Population Based or Personalized? - **Bernard Canaud, MD, PhD**

**Break • 10:30-10:45**

**LATE MORNING SESSIONS**

**[10A] Barbara Prowant Lectureship: Nursing Keynote**
10:45-12:00

**Presiders:** Leonor Ponferrada, BSN, RN; Shirley Farrah, PhD, RN-BC

**Patient Safety and Patient Safety Culture: Foundations of Excellent Healthcare** - Beth Ulrich, EdD, RN, FACHE, FAAN

Patient safety, nurse safety, and a safety culture are major foundations of excellent health care. This presentation will discuss the components of these interrelated foundations and offer strategies for creating and maintaining a culture of safety in nephrology settings.

**[10N] Policy Issues**
10:45-12:00

- **10:45** Evaluating the Evidence Behind Policy Mandates in US Dialysis Care - **Kevin Erickson, MD**
- **11:15** Patient Power - **Mark E. Neumann**
- **11:45** Discussion

**[10B] QOL in PD Patients**
10:45-12:00

**Presider:** Frederic Finkelstein, MD

- **10:45** Preventing Physician/Provider Burnout - **Usha Peri, MD**
- **11:05** Preventing PD Patient Burnout - **Anupkumar Shetty, MD, FASN**
- **11:25** “YES” Culture – Preserving an Unusual Hobby in a PD Patient - **Ramesh Khanna, MD**
- **11:45** Discussion

**[10C] PD Access I – Workshop: Catheter Placement Techniques**
10:45-12:00

**President:** Michelle Hofmann, RN, BSN, CNN

- **10:45** Advanced Catheter Placement Techniques - **John Crabtree, MD**
- **11:15** IR Catheter Placement for Acute and Urgent PD - **Rajeev Narayan, MD**
- **11:45** Discussion

**[10D] The Dark Side of Hemodialysis**
10:45-12:00

**President:** Barnard Canaud, MD, PhD

- **10:45** Insights into Tissue Hypoxia during HD - **Peter Kotanko, MD**
- **11:15** Three Central Challenges in HD and What Do We Know About Them? - **Christopher McIntyre**
- **11:45** Discussion

**12:00-1:00 • Lunch**

**[12A] Lunch Session: Advancing Your Role as a Nephrology Nurse**
12:15-1:15

(This program is presented as part of the Barbara Prowant Lecture Series).

There are many opportunities for advancing your role as a nephrology nurse. During this session, you will be introduced to clear steps you can take to fully capitalize on your skills and take advantage of professional opportunities to develop your career.

**Topics will include developing and submitting a conference abstract, implementing evidenced-based practice and submitting a research proposal.**

**Moderator:** Cynthia Russell, PhD, RN

- Developing a Career Plan - **Mary Schira, PhD, RN, ACNP-BC**
- Pathways to Improving Patient Outcomes - **Cynthia Russell, PhD, RN**
- Sharing and Communicating your Results - **Jeannine Farina, MSN, RN, CNN**

**AFTERNOON SESSIONS**

**[01A] Poster sessions • 1:00-2:00**

**[02A] PD Nursing Fundamentals**
2:00-4:00

**President:** Maria Luongo, MSN, RN

- **2:00** Peritoneal Membrane Physiology: Implications for Long Term PD
- **2:45** The Role of Aquaporins in Peritoneal Transport and Ultrafiltration - **Steven Guest, MD**
[02B] PD Access II
2:00-4:00
Presider: Preethi Yerram, MD, MS
2:00 Does Catheter Type, Pelvic Position, and Exit Site Location Matter? - John Crabtree, MD
2:20 Exit Site Assessment and Catheter Care - Joanna Neumann, BSN, RN
2:50 Exit Site/Tunnel Infections: Prevention and Management - Isaac Teitelbaum, MD
3:15 When to Remove/Replace the PD Catheter - Fredric Finkelstein, MD
3:40 Salvage Procedures for Non-functioning PD Catheters - John Crabtree, MD
4:00 Break

[02C] Clinical Topics
2:00-4:00
Presider: Lisa Koester, MSN, RN
2:00 Understanding Bone Mineral Disease in CKD - Mary Schira, PhD, RN, ACNP-BC
2:40 New and Old Medications: What are the Indications? - Lisa Koester, MSN, RN
3:20 Update on Anemia Management - Debra Hain, PhD, ARNP-BC, FAANP
3:50 Discussion
4:00 Break

[02D] Renal Replacement Therapy: Can We Do Better in Presenting Patient Choices?
2:00-4:00
Presider: Jeffrey Perl, MD SM, FRCP (C)
2:00 Health Care Providers are Objective - Thomas Golper, MD
2:20 Health Care Providers are Biased - Joanne Bargman, MD, FRCPC
2:40 Discussion

My Renal Replacement Choice: Patient Panel
3:00 In-Center HD Patient
3:10 Home HD Patient - Otis J. Harris
3:20 PD Patient
3:30 Transplant Recipient
3:40 Discussion
4:00 Break

[02E] Home Hemodialysis
2:00-4:00
Presider: Michelle Carver, BSN, RN, CNN
2:00 Solo Dialysis: Pros and Cons - Melissa Herman, BSN, RN, MBA
2:25 Buttonhole Practices: Should We Abandon this for Home HD Patients? - Diane Ramsey, BSN, RN, MBA, CNN

[02F] Management of Clinical Problems on CRRT
2:00-4:00
Presider: Michael Shoemaker-Moyle, MD
2:00 CRRT in Sepsis Induced AKI - Charubas Thaker, MD
2:30 Anticoagulation in CRRT- Clinical Pearls - Andrew Davenport, MD
3:00 Managing Hyponatremia on CRRT - Mitch Rosner, MD
3:30 Discussion
4:00 Break

[02G] An Update on Vascular Access
2:00-4:00
Presider: Prabir Roy-Chowdhary, MD
2:00 Vessel Preservation for Access Planning - Tushar Vaccharajani
2:25 Strategies to Avoid Catheters - Anil Agarwal
2:50 Urgent Vascular Access for HD- ec AVGs or Tunneled CVCs? - Tushar Vaccharajani
3:15 An Update on the Management of Central Venous Stenosis - Anil Agarwal
3:40 Discussion
4:00 Break

[02H] PD Session
2:00-4:00
200 Hypertension in PD Patient
2:20 Hypotension in PD Patient
2:40 Management of Coronary Artery Disease in PD Patients, Including CABG
3:00 NOACs (Newer oral anticoagulation) in Dialysis Patients, Benefits and Risks
3:20 24-hour Ambulatory BP Monitoring – Is It Underutilized in Dialysis Patients?
3:40 Sudden Cardiac Deaths in PD/HD Patients
4:00 Break

[02I] PD in Challenging Clinical Situations
Presider: Kunal Chaudhary, MD
2:00 Does PD belong in the ICU? - Lauren McDonald, MD
2:30 PD in Patients with Stomas, Feeding Tubes - Shani Shastri
3:00 PD in Post-abdominal Surgery, Bariatric Surgery - Richard Dickerman, MD
3:30 Interactive Discussion on Challenging PD Clinical Situations Panelist: Lauren McDonald, MD; Shani Shastri; Richard Dickerman, MD
4:00 Break
[04A] PD Access III - Optimizing Access Outcomes
4:15-5:30
Presider: Preethi Yerram, MD, MS
4:15 Strategies to Optimize PD Access Outcomes
   Sharon Nesim, MD
4:45 Role of Telehealth to Manage PD Catheter Problems
   Susie Lew, MD
5:15 Discussion
5:30 Adjourn

[04B] Dealing with Complex and Puzzling Nursing Challenges in the Workplace
4:15-5:30
Presider: Donna Painter, MSN, RN
This session will provide an evidence-based framework for the PD interdisciplinary team to use as a guide in the optimal delivery of care. The framework will identify key principles and teachable-learnable skills in using this approach. The session will also demonstrate a communication technique for staff to use as a way to express their level of disagreement or discomfort with an action or inaction affecting the patient's condition and/or safety. Simulation of real workplace scenarios will be discussed to show its practical strategies for implementation. (QSEN)
4:15 Overview: Evidence-based Framework to Optimize Interdisciplinary Team Performance - Maria Luongo, MSN, RN
4:30 Clinical Scenario: Solutions to Prescription Conflicts Maria Luongo, MSN, RN
5:00 Clinical Scenario: Working Through Complicated Infection Treatment Regimens - Donna Painter, MSN, RN
5:30 Adjourn

[04C] HD Session
4:15-5:30
Presider: Jay Wish, MD
4:15 Twice Weekly HD: Observations from China DOPPS Suchi Anand, MD
4:45 RRF in Twice Weekly HD- Role in Controlling Secreted Solute Levels - John Daugirdas, MD
5:15 Discussion
5:30 Adjourn

[04D] Vascular Access II
4:15-5:30
Presider: Karen Wiesen, MS, RDN, LDN, FNKF
4:15 Placing the Right Access for the Right Patient: Beyond the CDC Guidelines - Lesley Dinwiddie, MSN, RN, FNP, CNNE
4:45 Catheter Care: Best Practices? Rosa Marticorena
5:15 Discussion
5:30 Adjourn
EARLY MORNING SESSIONS

Breakfast Symposium
6:45-8:45

Breakfast in Exhibit Hall
7:00-9:00

[09B] Free Communications (Abstract presentations)
9:00-12:00

[09C] Are You Creating a Culture of Safety for Your Home Patients?
9:00-10:30
Presider: Marijo Johnson, BSN, RN
9:00 Establishing and Maintaining a Safe Home Environment:
Technical Considerations - Danilo Concepcion, CBNT,
CNNT-A, FNKF
9:25 Clinical and Training Considerations - Michelle Cassin, RN
9:50 When Enough Becomes Enough in Home Dialysis
Robert Pauly, MD, MSc
10:15 Discussion
10:30 Break

[09D] Patient Education
9:00-10:30
Presider: Lesley Dinwiddie, MSN, RN
9:00 What Patients Need to Know about Their Dialysis Access
Dori Schatel, MS
9:20 Fluid Balance - LaVonne Burrows, APRN, BC, CNN
9:40 Preparing for Emergencies and Disasters - Glenda Payne
10:00 Vaccination: What Are the Recommendations?
Harold Manley, Pharm D
10:20 Discussion
10:30 Break

[09E] Telehealth in Nephrology
9:00-10:30
Presider: Michael Krause, MD
9:00 Telehealth in Nephrology: Overview
Michael Krause, MD
9:05 Telehealth and the Law in Nephrology Practice
Linda Upchurch
9:20 Providing a Continuum of Care in CKD Through
Telehealth - Emaad Abdel-Rahman, MD, PhD
9:50 Measuring Quality and Impact of Telehealth Services
Sue Leu, MD
10:10 Panel Discussion: Future Directions of Telehealth in
Nephrology - Sue Leu, MD; Emaad Abdel-Rahman,
MD, PhD, FASN; Linda Upchurch
10:30 Break

Break • 10:30-10:45

LATE MORNING SESSIONS

10:45-12:00
Presider: Sharon Chinmook, BSN, RN
Joanna Neumann, BSN, RN
This is a fun and interactive session that will focus on the diagnosis
and management of non-infectious complications in peritoneal dialysis
including inflow and outflow problems, pneumoperitoneum, abdominal
leaks, hernias, etc. The discussion will center on the etiologies, management
and outcomes. Be prepared to participate!!

[10F] Update on Renal Transplantation
10:45-12:00
Presider: Cynthia Russell, PhD, RN
10:45 Bariatric Surgery: Is It Appropriate as Prep for Renal
Transplant? - Christie Gooden, MD
11:15 Are Your Patients Well Prepared for Kidney Transplant?
Venkatesh Kumar Ariyamuthu, MD, FASN
11:45 Discussion

[10G] An Update on Phosphorous Management
10:45-12:00
Presider: Robert Lockridge, MD
10:45 Modeled Daily Absorbable Phosphorus and Protein
Catabolic Rate, Relationship to Patient Dietary
Questionnaires - John Daugirdas, MD
11:15 Hyperphosphatemia: ‘Why It’s Often Not the Patient’s
Fault’ - Richard Sherman, MD

12:00-1:00 • Lunch

[12B] Luncheon Session: Learn From Your Colleagues Panel
Discussion: Practical Solutions to Practical Problems in Dialysis
12:00-1:00
Moderator: Debra Hain, PhD, RN
Panelists: Maria Luongo; Karen Wiesen, MS, RDN, LDN, FNKF;
Tushar Vaccharajani; Brent Miller, MD; LaVonne Burrows, APRN,
BC, CNN, John Crabtree, MD
Attendees of this session will have the opportunity to network with expe-
rienced Dialysis practitioners, hear case presentations and ask questions
about dialysis issues including: Patient Care Management, Ultrafil-
tration, Infections, Technical Issues, Home Therapies, PD and Vascular
Access, Nutrition, etc.

AFTERNOON SESSIONS

[01B] Poster sessions • 1:00-2:00

[02J] Fellows Forum
2:00-5:30
Judges: Christopher McIntyre, MD; Robert Taylor
2:00 Motivating and Sustaining Scientific Interest Among
Nephrology Fellows - Chris McIntyre, MD
[02K] An Update on Volume Assessment in HD
2:00-4:00
Presider: Madhukar Misra, MD
2:00 Bio-impedance - Mitch Rosner
2:30 Cardiac/endothelial Biomarkers - Bernard Canaud, MD, PhD
3:00 Relative Blood Volume - Peter Kotanko, MD
3:30 Discussion
4:00 Break

[02L] PD Session
2:00-4:00
Presider: Kunal Chaudhary, MD
2:00 Hypertension in PD Patient - Rajiv Aggarwal
2:20 Hypotension in PD Patient - Laura Heemann, MD
2:40 Management of Coronary Artery Disease in PD Patients, Including CABG - Kul Aggarwal, MD
3:00 NOACs (Newer oral anticoagulation) in Dialysis Patients, Benefits and Risks - Greg Flaker, MD
3:20 24-hour Ambulatory BP Monitoring – Is It Underutilized in Dialysis Patients? - Rajiv Aggarwal
3:40 Sudden Cardiac Deaths in PD/HD Patients - Peter Van Baren
4:00 Break

[02M] Clinical Nutrition in CKD
2:00-4:00
Presider: Lisa Gutekunst, MSEd, RD, CSR, CDN
2:00 UPDATE: 2018 KDOQI Nutrition Guidelines - Laura Byham-Gray, PhD, RDN
2:45 Eating on Dialysis: Myths and Facts - David St Jules, RD, PhD
3:30 Summary and Clinical Application - Lisa Gutekunst, MSEd, RD, CSR, CDN
3:45 Discussion
4:00 Break

[02N] Panel Discussion: Dilemmas when Clinical Practice Guidelines Do Not Support Patient-Centered Care
2:00-4:00
Moderator: Jo Ann A. Otts, DNP, RN, NEA-BC
Patient-centered care is being respectful of, and responsive to individual patient preferences, needs and values, and ensuring that patient values guide all clinical decisions. BUT, what if safety and effectiveness is compromised or the burden of over-utilizing healthcare resources is depriving other patients? Participate in this discussion and hear what some of your colleagues have experienced to address such situations.
2:00 Overview - Jo Ann A. Otts, DNP, RN, NEA-BC
2:50 My Patient Wants to Continue Home Dialysis, but the Interdisciplinary Team does not feel it is Safe - Glenda Harbert
3:20 My Patient is Always Fluid Overloaded and Misses Dialysis Treatments on a Regular Basis - Debra Hain, PhD, RN
4:00 Break

[02O] Patient Based Applied Physiology Workshop I
2:00-4:00
PD Prescription Writing, Adjusting for Electrolytes, Including Sodium, Calcium and Phosphorus Control, Solute Clearance and Ultrafiltration - Ramesh Khanna, MD; Raymond T. Krediet, MD

[02P] Peritonitis Challenges
2:00-4:00
Presider: Kurt Tarwater, MD
2:00 Top 10 Mistakes in Treating PD Peritonitis - Jeffrey Perl, MD, SM, FRCP (C)
2:20 PD Peritonitis Four Decades Later – What Has Changed? - Thomas Golper, MD
2:40 Peritonitis Prevention Strategies – What are the Tradeoffs? - Gautam Phadke
3:00 Peritonitis with Atypical Organisms - Gurwant Kaur, MD
3:20 Discussion
4:00 Break

LATE AFTERNOON SESSIONS

[04F] Peritonitis II
4:15-5:30
Presider: Kathryn Renee Williams, BSN, RN, CNN
4:15 Peritoneal Fluid Analysis and Result Interpretation: Implications for Nursing Care - Isaac Teitelbaum, MD
4:45 Repeat, Recurrent, Relapse: Differences and Treatment Recommendations - Anjay Rastogi, MD, PhD
5:15 Discussion
5:30 Adjourn

[04G] Dialysis in Low-Resource Countries
4:15-5:30
Presider: Debra Hain, PhD, RN
4:15 Hemodialysis: Dialysis Access and Sustainability - John Ball, MD
4:50 Saving Young Lives – PD for AKI - Fredric Finkelstein, MD
5:20 Discussion
5:30 Adjourn

[04H] Home Dialysis Machines
4:15-5:30
Presider: Robert Lockridge, MD

[04I] Patient Based Applied Physiology Workshop II
4:15-5:30
Icodextrin Physiology Explained - Ramesh Khanna, MD; Raymond T. Krediet, MD
4:15-5:30
Presiding: Camille May, MSN, RN
Glenda Payne, MSN, RN; Jennifer Vavrinchik, MSN, RN, CNN
The recently passed Dialysis Access Improvement Act would give dialysis clinics the option to seek certification from an ACCREDITATION ORGANIZATION and will allow dialysis care facilities to utilize similar accreditation processes available to other Medicare providers.

What is “DEEMED STATUS?” What are the benefits of choosing accreditation, what is the impact on dialysis facilities, how is an accreditation survey different from a state survey? What is the cost? Join this session to get answers to these questions and more!

[04K] Roundtable Discussion: Dialysis in the Era of Digital Medicine: Are We Ready?
4:15-5:30
Panelist: Peter Kotanko, MD; Lens Usvat, MD; Bernard Canaud, MD, PhD
This novel session will address topics like, artificial intelligence and support decision tools for nephrologist and/or caregiver, learning and improving care from big data etc. in a round table format

[04L] Compare and Contrast Various Home Dialysis Therapies
4:15-5:30
4:15  Small and Middle Molecule Clearances in PD vs HHD
Andrew Davenport
4:35  Peak Concentration Hypothesis Explained
John Daugirdas, MD
4:55  APD vs CAPD - Electrolytes Removal
Kurtis Tarwarter, MD
5:15  Do Home Therapy Patients Require Less ESA, Phosphate Binders and BP Medications? - Brent Miller
5:30  Adjourn
**EARLY MORNING SESSIONS**

**[08A]** Cardiac Arrhythmias in HD Patients  
8:00-10:00  
Presider: Daniel Coyne, MD  
8:00  Key Messages from the MiD Study  
Prabir Roy-Chowdhury, MD  
8:30  The Role of Implantable Defibrillators - Greg Flaker  
9:00  Reducing the Risk of Arrhythmias during Dialysis by Adjusting Dialysate Composition - Suhail Ahmad, MD  
9:30  Discussion  

**[08B]** Peritonitis III  
8:00-10:00  
Presider: Jeannie Farina, MSN, RN, CNN  
8:00  Creating a Culture of Infection Prevention in PD  
Alicia Neu, MD  
8:35  A Review of the ISPD Guidelines: A Closer Look  
Ann Mancini, RN, MSN, FNP  
9:50  Discussion  
10:00  Break  

**[08C]** Clinical Topics  
8:00-10:00  
Presider: Donna Painter, MSN, RN  
8:00  Incremental Dialysis: Can It Make a Difference for Residual Renal Function? - Emaad Abdel-Rahman, MD, PhD, FASN  
8:45  Dialysis Recovery Time: Implications for Care  
Wael Hussein, MBBS, MSc, MRCP  
9:15  Medicaid Expansion: The Affordable Care Act and Kidney Care Outcomes - Yoshio Hall, MD  
9:45  Discussion  

**[08D]** Survey Preparedness: Is Your Dialysis Facility in Compliance with CMS Requirements?  
*Presented in Cooperation with the National Renal Administration Association (NRAA)*  
8:00-10:00  
Presider: Deborah Cote, MSN, RN, CNN, NE-BC  
8:00  Update: CMS Survey and Regulations Affecting Dialysis Facilities - Deborah Cote, MSN, RN, CNN, NE-BC  
8:25  Strategies to Reduce Anxiety Regarding Surveys: How to Prepare the Interdisciplinary Team - Kim Deaver, MSN, RN, CNN  
8:50  Emergency Preparedness: Are you in Compliance with CMS Regulations? - Bridget Pfaff  
9:15  Practical Tips in Developing POC to Correct Deficiencies - Julie Williams  
9:40  Discussion  
10:00  Break  

Break • 10:00-10:15  

---  

**LATE MORNING SESSION**

**[10I]** Plenary Session: Are We Doing Enough to Assist Vulnerable Patients with Broad Social Needs? Recommendations for Integrating Social Determinants into Clinical Care and Delivery Settings  
10:15-12:00  
Moderator: Yoshio Hall, MD, MS  
The American Bioethicist Edmund Pellegrino stated, “No matter what happens in the social, political, or cultural milieu, a universal reality in the predicament of illness imposes obligations on anyone who professes to be a healer. Across history, culture, and nation, ill persons are vulnerable, dependent, nervous, fearful and exploitable.” How are we addressing these issues in nephrology?  
10:15  Overview - Yoshio Hall, MD, MS  
10:45  Panel Discussion to address selected social issues  
including patients who are uninsured or underinsured, undocumented patients, mentally ill and or those rejected by most facilities and patients traveling who require care while in transit.  
Panelist: Henry Quinones, Joseph Berger, MD; Anupkumar Shetty, MD, FASN; Nubia Torres  
12:00  Adjourn
SUNDAY, MARCH 17

LATE MORNING SESSION
[10J] Session I - Hot Topics I
10:45-12:15
Presiding: Alicia Neu, MD; Nonnie Polderman, RD
10:45 Food Insecurity in Dialysis Patients
Michelle Starr, MD, MPH
11:15 Dialysis in Special Conditions (e.g., ARPJD)
Franz Schaefer, MD
11:45 PD Adequacy Guidelines: What’s New
Bradley Warady, MD

[10A] Barbara Prowant Lectureship: Nursing Keynote
10:45-12:00
Patient safety, nurse safety, and a safety culture are major foundations of excellent health care. This presentation will discuss the components of these interrelated foundations and offer strategies for creating and maintaining a culture of safety in nephrology settings.

AFTERNOON SESSION
Session II - Pediatric Breakout Luncheons (Lunch Provided)
12:15-1:15
Note: Pediatric MD’s who are not fellows will be invited to network in the main luncheon hall. A separate area will be reserved for Pediatricians.

• [12C] Fellows Luncheon and Dialysis Competency Exam
Presider: John Mahan, MD

• [12D] Pediatric Advanced Practice Providers Luncheon
Presider: Jessica Geer, MSN, C-PNP, CNN-NP
Using the Transformational Professional Practice Model
Elizabeth Elliott, PhD

• [12E] Pediatric Nurses Luncheon
Presider: Helen Currier, MA, BSN, RN, CENP, CNN
Learn from Your Colleagues: Practical Solutions for Practical Problems
- Emergency Preparedness - Pam Heise, RN

• [12F] Pediatric Renal Nutrition Luncheon
Presiding: Rosanne Woloschuk, RD
Nutrition Hot Topic #1 - Reflecting on Practice: Pediatric Renal Nutrition Calculations - Kirsten McFadyen, RD; Nonnie Polderman, RD

[01C] Faculty Guided Tours of the Pediatric Posters
1:15-2:00

[02R] Session III - Pediatric Dialysis Keynote Addresses
2:00-4:00
Presiders: Bradley Warady, MD; Helen Currier, BSN, RN, CENP, CNN
2:00 Update on Myocardial Stunning During Hemodialysis
Chris McIntyre, MD
2:45 The Social Media Revolution in Nephrology Education
Joel Topf, MD
3:30 Best Abstract #1
3:45 Best Abstract #2
4:00 Break

[02S] Pediatric Nutrition Symposium I
2:00-4:00
Presiders: Kirsten Thompson, RD
2:00 There’s an App for That - Molly Vega, MS, RDN, CSP, CSSD, LD
3:00 Magic in the Measures: Tools, Types, and Techniques
Leah Oladitan, PG Dip, RD, CSP, LD
4:00 Break

Break • 4:00-4:15

LATE AFTERNOON SESSION
[04N] Session IV - The Value of Disease-Specific Camping – Our Most Important Work
4:15-6:00
Presiding: Bradley Warady, MD; Haridas Thankappan, MBA, BSN, RN, CNN, CPHQ
4:15 Medical Preparedness and the Role of the Camp Medical Director - Raymond Quigley, MD
4:50 Common Psychosocial Issues Associated with Disease-Specific Camping - Robin Davis, CCLS
5:25 Camp Operations: From Set up to Day-to-Day
Amy Nau, MSN, MBA, BS, RN, CNN
6:00 Adjourn

[04P] Pediatric Nutrition Symposium II
4:15-6:00
Presider: Nonnie Polderman, RD
Mindfulness - Maggie Murphy, PhD, RD, LD, FAND

MONDAY, MARCH 18

EARLY MORNING SESSIONS
[08E] Session I - Transition is a Team Sport
8:00-10:00
Presiders: Jessica Geer, MSN, C-PNP, CNN-NP; Bradley Warady, MD
8:00 The Patient Perspective - Allison Tong, PhD
8:30 The Pediatric Dialysis Provider Perspective
Cozumel Prue, MD
9:00 The Internal Medicine Dialysis Provider Perspective
Joseph Ghata, MD
9:30 Panel Discussion
Panelists: Jessica Geer, MSN, C-PNP, CNN-NP; Allison Tong, PhD; Cozumel Prue, MD; Joseph Ghata, MD

[08F] Pediatric Nutrition Symposium III
8:00-10:00
Presider: Nonnie Polderman, RD
Fluid Management in the Pediatric Renal Patient
Cherry Mammen, MD; Kirsten McFadyen, RD
Break • 10:00-10:15
LATE MORNING SESSIONS

10:15-12:25
Presiders: Steven Alexander, MD; Haridas Thankappan, MBA, BSN, RN, CNN, CPHQ
10:15 Successful Save the Vein Programs - Cynthia Wong, MD; JoLynn Grimes, RN, BSN
10:50 Opening Chronically Stenotic Vascular Access = Extending Life - Henri Justino, MD
11:25 Best Abstract #3
11:40 Best Abstract #4
11:55 Best Abstract #5
12:10 Best Abstract #6

[10L] Pediatric Nutrition Symposium IV
10:15-12:15
Presider: Kirsten Thompson, RD
10:15 Food Insecurity…The RD Perspective
Maggie Murphy, PhD, RD, LD, FAND
11:15 The Calcium Conundrum: When, What and How to Give Calcium in Pediatric CKD/ESRD - Jessica Tower, MS, RD, LD

AFTERNOON SESSIONS

Session III – Pediatric Breakout Luncheons
12:25-1:15
• [12G] Pediatric Dialysis Nursing Luncheon
• [12H] Pediatric Advanced Practice Provider Luncheon
  Presider: Jessica Geer
  The APP’s Role in Establishing a Transition Program
  Tamara Hill, MSN, DNP, CRNP-AC
• [12I] Pediatric Renal Nutrition Luncheon
  Presider: Rosanne Woloschuk, RD
  How to Guide: Intradialytic Intralipid
  Kirsten Thompson, RD
• [12J] Pediatric Dialysis, MD (Fellows and Attendings) Networking Luncheon
  Presider: Alicia Neu, MD
  New CMS Rules for E&M and Telehealth Coding and Documentation: Is It Good News for a Change?
  Mark Joseph, MD

[01D] Faculty Guided Tours of the Pediatric Posters
1:15-2:00

[02T] Session IV - Workshop on Continuous Renal Replacement Therapy (CRRT) – Part 1
2:00-4:00
Presiders: Jordan Symons, MD; Theresa Mottes, MSN, RN, CPNP-AC, CDN
2:00 The Epidemiology of Acute Kidney Injury (AKI)
  Raj Basu, MD, MS, FCCM
3:00 Prescribing and Monitoring CRRT - Michael Zappitelli, MD
3:30 Current AKI Research - Ayse Arikan, MD

4:00 Break

[040] Session V - Workshop on Continuous Renal Replacement Therapy (CRRT) – Part 2
4:10-5:10
Presiding: Kirsten Thompson, RD; Alicia Neu, MD
4:10 Nutrition for the Pediatric CRRT Patient
  Molly Vega, RD, MS, RDN, CSSD, CSR, LD
4:40 Quality Improvement for CRRT: The Time is Now
  Theresa Mottes, MSN, RN, CPNP-AC, CDN
5:10 Adjour

[05A] Tour of Children’s Medical Center Dallas
5:30-6:30

TUESDAY, MARCH 19

EARLY MORNING SESSIONS

[08G] Session I: Education Strategies: Simulation
8:00-9:30
Presiders: Helen Currier, BSN, RN, CENP, CNN; Raymond Quigley, MD
8:00 Mastering Simulation - Beth Ulrich, EdD, RN, FACHE, FAAN
8:30 Simulation Demonstration: How to Do It
  Theresa Mottes, MSN, CPNP-AC, CDN

[09G] Session II - Hot Topics II
9:30-10:30
Presiding: Alicia Neu, MD; Helen Currier, MA, BSN, RN, CENP, CNN
9:30 Infection Prevention - Cheri T. Grigg, DVM, MPH, DACVPM
10:00 Standardized Outcomes in Nephrology (SONG)
  Allison Tong, PhD

[09H] Pediatric Nutrition Symposium V
9:30-10:00
Presider: Rosanne Woloschuk, RD
Protein: Quality and Quantity - Leah Oladitan, PG Dip, RD, CSR, LD; Jessica Tower, MS, RD, LD
Break • 10:30-10:45

LATE MORNING SESSION

[10M] Session III: My Favorite Paper
10:45-12:00
Presiders: Steven Alexander, MD; Haridas Thankappan, MBA, BSN, RN, CNN, CPHQ
10:45 Clinical Nephrology/Dialysis - Meredith Atkinson, MD
11:00 AKI - Raj Basu, MD, MS, FCCM
11:15 Nursing - Tamara Hill, MSN, DNP, CRNP-AC
11:30 CRRT - Ayse Arikan, MD
11:45 Nutrition - Amanda Stavinoha, MS, RD, CSR, LD
12:00 Adjour