



# Annual **Dialysis** Conference

presented by the University of Missouri Division of Nephrology

**MARCH 16-19, 2019 • SHERATON DALLAS HOTEL**

[annualdialysisconference.org](http://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

**T**he 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.



**March 16-19, 2019  
Dallas, Texas**

**Sheraton Dallas Hotel**

## 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.

**CHALLENGES IN HOME HEMODIALYSIS PROGRAM MANAGEMENT**

*Presented in Cooperation with the International Society for Hemodialysis*

**H**ome 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**

- 8:10 **Keynote: Why I Still Like Nocturnal Hemodialysis and Why Aren't More People Doing It?**  
*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
- 9:30 Effective Use of Technology and Social Media
- 9:45 Discussion
- 10:00 Break

**Session 2**

**Planning for Home HD and Implementation of Plan**

- 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.
- 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.)
- 11:00 Individualizing Training and Follow up care: How Often Should we be in the Patient's Home and How Can Technology Assist
- 11:20 What Physicians Need to Know About Home Training and the Interdisciplinary Home Dialysis Team
- 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**

*Sessions 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**

- 1:30 Follow-up Clinic Visit: Essential Elements
- 2:00 Modification of Home Hemodialysis Prescriptions and Care Management
- 2:30 Practical Strategies in Maintaining Vascular Access Integrity for Home HD Patients
- 2:50 Summary and Discussion
- 3:10 Break

**Session 5**

**Multidisciplinary Clinical Team Meeting**

- 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.
- 3:40 Psychosocial Interventions to Prevent Patient and Care-giver Burnout
- 4:00 When the Patient is Failing To Thrive: What Next?
- 4:20 Palliative Care: When is the Appropriate Time to Introduce to a Patient's Care?
- 4:40 Determining and Prioritizing Quality Improvement Projects to Improve Program Outcomes
- 5:00 Discussion
- 5:30 Adjourn

**PERITONEAL 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**

**8:00 Keynote: Patient and Caregiver Priorities for Outcomes in PD**

**PD Basics**

**8:30-10:15**

- 8:30 Modification of PD Prescription to Meet Kt/V and UF Targets: Case-based Studies
- 9:30 Tidal PD: What, When and Why?
- 10:00 Discussion
- 10:15 Break

**Increasing PD Uptake: Challenges and Opportunities**

**10:30-12:10**

- 10:30 Overcoming Barriers to Increasing Use of PD
- 11:00 Can Transitional Care Units Increase PD Uptake?
- 11:30 Impact of CKD Education on PD Penetration and Admissions
- 12:00 Discussion

**12:10 • Lunch (provided)**

**Quiz the Experts**

**12:15-1:00**

*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**

- 1:15 Hypoalbuminemia in PD patients: Causes, Implications and Treatment Strategies
- 2:00 "PD Causes Weight Gain": What's the Evidence?
- 2:30 Strategies for Phosphate Control in PD, Newer Phosphate Binders
- 3:00 Discussion
- 3:15 Break

**Patient Care Issues**

**3:30-5:30**

- 3:30 Improving Retention in PD
- 4:10 Optimizing Self-Care: Do Home Visits Make a Difference?
- 4:50 The Life Plan Approach to Integrated Care: Is This Realistic in the US?
- 5:20 Discussion
- 5:30 Adjourn

**FUNDAMENTALS OF EXTRACORPOREAL THERAPY**

**Hemodialysis: Prescription and Monitoring**

**8:00-10:00**

- 8:00 Introduction
- 8:05 Essentials of HD Prescription
- 8:45 Anticoagulation Prescription in Hemodialysis
- 9:30 Water Treatment: The Essentials Every Nephrologist Needs to Know

**Hemodialysis: Management of Clinical Issues**

**10:30-11:45**

- 10:30 Practical Management of Dry Weight Using Clinical Skills and Technical Tools
- 10:55 Managing and Preventing Infections: The Role of the Nephrologist
- 11:20 Managing Mineral Bone Disease in 2019
- 11:45 Discussion

**Lunch • 12:00-1:00**

**Hemodialysis Access: Practical Aspects**

**1:00-3:00**

- 1:00 Catheters for Acute and Chronic HD
- 1:35 Catheter Care and Use
- 2:10 Cannulation of Grafts and Fistulas
- 2:45 Discussion

**Break • 3:00-3:30**

**Hemodialysis: Anemia Management**

**3:30-5:00**

- 3:30 Iron Administration in HD Patients: Basic Concepts and Newer Advances
- 4:10 ESA Use in HD Patients: Where Are We in 2019?
- 4:40 Discussion
- 5:00 Adjourn

**THE FUNDAMENTALS OF DIALYSIS  
IN CHILDREN**

7:55 am Welcome

**Session I**

**8:00-10:05**

- 8:00 Peritoneal & Vascular Access
- 8:40 Physiology of Blood Purification (Dialysis and Pheresis)
- 9:20 PD Prescription and Adequacy Monitoring

**Break • 10:05-10:20**

**Session II**

**10:20-12:20**

- 10:20 HD Prescription and Adequacy Monitoring
- 11:00 Pediatric Dialysis Nutrition Guidelines
- 11:40 Growth and Recombinant Growth Hormone Therapy

**Breakout Sessions • 10:20-12:20**

- **Nursing Breakout**
  - 10:20 Inventory Management for Value-added: Home and In-center
  - 11:00 Interpreting the PET
  - 11:40 Non-infectious Complications of PD
  
- **Pediatric Advanced Practice Provider**
  - 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**
- **Pediatric Dialysis Nurses and Advanced Practice Providers Luncheon**
  - Atypical HUS
- **Pediatric Renal Dietitian Luncheon**
  - Pediatric Renal Nutrition Case Study
  - Introduction to Resources

**Break • 1:45-2:00**

**Session IV**

**2:00- 2:45**

- 2:00 Renal Bone Disease
- 2:45 Renal Anemia: The Basics

**Break • 3:30-3:45**

**Session V**

**3:45 - 5:00**

- 3:45 Major Infectious Complications
- 4:20 Cardiovascular Complications
- 5:00 Adjourn

**ADC TECHNICIAN PROGRAM**

**D**ialysis 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**

**Session 1**

8:10 Group Learning Activity: Test Your Knowledge of Dialysis  
*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  
9:20 Help!!!! I Love My Job but I am Exhausted!  
9:40 Dealing with the Difficult Patient-Staff Interactions  
10:00 Maintaining Professional Boundaries in Patient-centered Care  
10:20 Discussion  
10:30 Break

**Session 2**

**10:45 Barbara Prowant Lectureship: Nursing Keynote**  
*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.*

**Session 3**

**12:15-1:00**

**Lunch with the Experts** (Please pick up your lunch and return to the meeting room).

*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**

2:00 Vascular Access (VA): What Dialysis Technicians Need to Know and Do to Prolong the Life of the VA  
*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  
3:40 Is This Okay for Me to Eat? Be Knowledgeable When Interacting with Patients about Their Nutritional Needs  
4:00 Break

**Session 5**

4:15 Panel Discussion: What Can We Learn from Our Patients?  
*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

**Welcome and Keynote Presentations**  
9:00-10:30

- 9:10 Big Data! Past Limitations and the Future
- 9:50 Practice of Modern Medicine: Population Based or Personalized?

**Break • 10:30-10:45**

**LATE MORNING SESSIONS**

**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.*

**QOL in PD Patients**  
10:45-12:00

- 10:45 Preventing Physician/Provider Burnout
- 11:05 Preventing PD Patient Burnout
- 11:25 “YES” Culture – Preserving an Unusual Hobby in a PD Patient
- 11:45 Discussion

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

- 10:45 Advanced Catheter Placement Techniques
- 11:15 IR Catheter Placement for Acute and Urgent PD
- 11:45 Discussion

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

- 10:45 Insights into Tissue Hypoxia during HD
- 11:15 Three Central Challenges in HD and What Do We Know About Them?
- 11:45 Discussion

**12:00-1:00 • Lunch**

**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.

- Developing a Career Plan
- Pathways to Improving Patient Outcomes
- Sharing and Communicating your Results

**AFTERNOON SESSIONS**

**Poster sessions • 1:00-2:00**

**PD Nursing Fundamentals**  
2:00-4:00

- 2:00 Peritoneal Membrane Physiology: Implications for Long Term PD
- 2:45 The Role of Aquaporins in Peritoneal Transport and Ultrafiltration
- 3:10 Peritoneal Dialysis Prescription: Case Management and Interactive Discussion
- 4:00 Break

**PD Access II**  
2:00-4:00

- 2:00 Does Catheter Type, Pelvic Position, and Exit Site Location Matter?
- 2:20 Exit Site Assessment and Catheter Care
- 2:50 Exit Site/Tunnel Infections: Prevention and Management
- 3:15 When and How to Remove/Replace the PD Catheter
- 3:40 Salvage Procedures for Non-functioning PD Catheters
- 4:00 Break

**Clinical Topics**  
2:00-4:00

- 2:00 Understanding Bone Mineral Disease in CKD
- 2:40 New and Old Medications: What are the Indications?
- 3:20 Update on Anemia Management
- 3:50 Discussion
- 4:00 Break

## ADC PROGRAM • SUNDAY, MARCH 17, 2019

### Renal Replacement Therapy: Can We Do Better in Presenting Patient Choices?

#### 2:00-4:00

- 2:00 Health Care Providers are Objective
- 2:20 Health Care Providers are Biased
- 2:40 Discussion

### My Renal Replacement Choice: Patient Panel

- 3:00 In-Center HD Patient
- 3:10 Home HD Patient
- 3:20 PD Patient
- 3:30 Transplant Recipient
- 3:40 Discussion
- 4:00 Break

### Home Hemodialysis

#### 2:00-4:00

- 2:00 Solo Dialysis: Pros and Cons
- 2:25 Buttonhole Practices: Should We Abandon this for Home HD Patients?
- 2:50 Teaching Patients How to Cannulate: Practical Strategies
- 3:15 Unsafe Practices: What to Do with Patients When They Don't Do What is Prescribed
- 3:50 Discussion
- 4:00 Break

### Management of Clinical Problems on CRRT

#### 2:00-4:00

- 2:00 CRRT in Sepsis Induced AKI
- 2:30 Anticoagulation in CRRT- Clinical Pearls
- 3:00 Managing Hyponatremia on CRRT
- 3:30 Discussion
- 4:00 Break

### An Update on Vascular Access

#### 2:00-4:00

- 2:00 Vessel Preservation for Access Planning
- 2:25 Strategies to Avoid Catheters
- 2:50 Urgent Vascular Access for HD- ec AVGs or Tunneled CVCs?
- 3:15 An Update on the Management of Central Venous Stenosis
- 3:40 Discussion
- 4:00 Break

### PD Session

#### 2:00-4:00

- 2:00 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

### PD in Challenging Clinical Situations

- 2:00 Does PD belong in the ICU?
- 2:30 PD in Patients with Stomas, Feeding Tubes
- 3:00 PD in Post-abdominal Surgery, Bariatric Surgery
- 3:30 Interactive Discussion on Challenging PD Clinical Situations
- 4:00 Break

#### Break • 4:00-4:15

### LATE AFTERNOON SESSIONS

### PD Access III - Optimizing Access Outcomes

#### 4:15-5:30

- 4:15 Strategies to Optimize PD Access Outcomes
- 4:45 Role of Telehealth to Manage PD Catheter Problems
- 5:15 Discussion
- 5:30 Adjourn

### Dealing with Complex and Puzzling Nursing Challenges in the Workplace

#### 4:15-5:30

*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
- 4:30 Clinical Scenario: Solutions to Prescription Conflicts
- 5:00 Clinical Scenario: Working Through Complicated Infection Treatment Regimens
- 5:30 Adjourn

### HD Session

#### 4:15-5:30

- 4:15 Twice Weekly HD: Observations from China DOPPS
- 4:45 RRF in Twice Weekly HD- Role in Controlling Secreted Solute Levels
- 5:15 Discussion
- 5:30 Adjourn

### Vascular Access II

#### 4:15-5:30

- 4:15 Placing the Right Access for the Right Patient: Beyond the CDC Guidelines
- 4:45 Catheter Care: Best Practices?
- 5:15 Discussion
- 5:30 Adjourn

### Assisted Home Therapy: What Is the Future for this Therapy?

#### 4:15-5:30

- 4:15 Home Assisted Therapy for Home Hemodialysis
- 4:45 Home Assisted Therapy for PD
- 5:15 Discussion
- 5:30 Adjourn



# ADC PROGRAM • MONDAY, MARCH 18, 2019

## EARLY MORNING SESSIONS

### Breakfast Symposium

6:45-8:45

### Breakfast in Exhibit Hall

7:00-9:00

### Free Communications (Abstract presentations)

9:00-12:00

### Are You Creating a Culture of Safety for Your Home Patients?

9:00-10:30

- 9:00 Establishing and Maintaining a Safe Home Environment: Technical Considerations
- 9:25 Clinical and Training Considerations
- 9:50 When Enough Becomes Enough in Home Dialysis
- 10:15 Discussion

### Patient Education

9:00-10:30

- 9:00 What Patients Need to Know about Their Dialysis Access
- 9:20 Fluid Balance
- 9:40 Preparing for Emergencies and Disasters
- 10:00 Vaccination: What Are the Recommendations?
- 10:20 Discussion
- 10:30 Break

### Telehealth in Nephrology

9:00-10:30

- 9:00 Telehealth in Nephrology: Overview
- 9:05 Telehealth and the Law in Nephrology Practice
- 9:20 Providing a Continuum of Care in CKD Through Telehealth
- 9:50 Measuring Quality and Impact of Telehealth Services
- 10:10 Panel Discussion: Future Directions of Telehealth in Nephrology
- 10:30 Break

Break • 10:30-10:45

## LATE MORNING SESSIONS

10:45-12:00

### Workshop: Non-infectious PD Complications

*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!!*

### Update on Renal Transplantation

10:45-12:00

- 10:45 Bariatric Surgery: Is It Appropriate as Prep for Renal Transplant?
- 11:15 Are Your Patients Well Prepared for Kidney Transplant?
- 11:45 Discussion
- 12:00 Lunch

### An Update on Phosphorous Management

10:45-12:00

- 10:45 Modeled Daily Absorbable Phosphorus and Protein Catabolic Rate, Relationship to Patient Dietary Questionnaires
- 11:15 Hyperphosphatemia: 'Why It's Often Not the Patient's Fault'

12:00-1:00 • Lunch

### Luncheon Session: Learn From Your Colleagues Panel Discussion: Practical Solutions to Practical Problems in Dialysis

12:00-1:00

*Attendees of this session will have the opportunity to network with experienced Dialysis practitioners, hear case presentations and ask questions about dialysis issues including: Patient Care Management, Ultrafiltration, Infections, Technical Issues, Home Therapies, PD and Vascular Access, Nutrition, etc.*

## AFTERNOON SESSIONS

Poster sessions • 1:00-2:00-Is there a poster session on Monday?

### Fellows Forum

2:00-5:30

- 2:00 Motivating and Sustaining Scientific Interest Among Nephrology Fellows

### Update on Volume Assessment in HD

2:00-4:00

- 2:00 Bio-impedance
- 2:30 Cardiac/endothelial Biomarkers
- 3:00 Relative Blood Volume
- 3:30 Discussion
- 4:00 Break

### PD Session

2:00-4:00

- 2:00 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

## Clinical Nutrition in CKD

2:00-4:00

- 2:00 UPDATE: 2018 KDOQI Nutrition Guidelines
- 2:45 Eating on Dialysis: Myths and Facts
- 3:30 Summary and Clinical Application
- 3:45 Discussion
- 4:00 Break

## Panel Discussion: Dilemmas when Clinical Practice Guidelines Do Not Support Patient-Centered Care

2:00-4:00

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
- 2:20 My Patient Refuses to have AVF/AVG: What Should I Do?
- 2:50 My Patient Wants to Continue Home Dialysis, but the Interdisciplinary Team does not feel it is Safe
- 3:20 My Patient is Always Fluid Overloaded and Misses Dialysis Treatments on a Regular Basis
- 4:00 Break

## Workshop: PD Prescription Writing for Adequacy, Electrolytes, and Calcium and Phosphorus Control

2:00-4:00

## Peritonitis Challenges

2:00-4:00

- 2:00 Top 10 Mistakes in Treating PD Peritonitis
- 2:20 PD Peritonitis Four Decades Later – What Has Changed?
- 2:40 Peritonitis Prevention Strategies – What are the Tradeoffs?
- 3:00 Peritonitis with Atypical Organisms
- 3:20 Discussion

4:00-4:15 Break

## LATE AFTERNOON SESSIONS

## Peritonitis II

4:15-5:30

- 4:15 Peritoneal Fluid Analysis and Result Interpretation: Implications for Nursing Care
- 4:45 Repeat, Recurrent, Relapse: Differences and Treatment Recommendations
- 5:15 Discussion
- 5:30 Adjourn

## Dialysis in Developing Countries

4:15-5:30

- 4:15 Hemodialysis: Access and Sustainability
- 4:50 Saving Young Lives – PD for AKI
- 5:20 Discussion
- 5:30 Adjourn

## Home Dialysis Machines

4:15-5:30

## Workshop - Icodextrin Physiology Explained

4:15-5:15

## Accreditation for Dialysis Facilities: What, Why and How?

4:15-5:30

*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!*

## Roundtable Discussion: Dialysis in the Era of Digital Medicine: Are We Ready?

4:15-5:30

*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*

## Compare and Contrast Various Home Dialysis Therapies

4:15-5:30

- 4:15 Small and Middle Molecule Clearances in PD vs HHD
- 4:35 Peak Concentration Hypothesis Explained
- 4:55 APD vs CAPD - Electrolytes Removal
- 5:15 Do Home Therapy Patients Require Less ESA, Phosphate Binders and BP Medications?
- 5:30 Adjourn

**NAC Sessions**  
**Peritoneal Dialysis in North America**  
**9:00 am-5:30 pm**

9:00 Welcome  
9:05 NAC-ISPD Presidential Address: What Does  
Patient-  
centered Care Mean for PD

**Patient-Centered Start to PD**  
**9:20-10:30**

9:20 Assisted PD  
9:45 Urgent Start  
10:10 Incremental PD  
10:30 Break

**Patient-Centered Outcomes in PD**  
**10:45-12:15**

10:45 SONG PD  
11:10 Depression, Anxiety and Burnout in PD  
11:35 Symptom Management in PD  
12:00 Discussion  
12:15 Lunch

**Patient-Centered Choices/Transitions in Therapy**  
**2:00-4:00**

2:00 Debate: PD vs Home HD  
• Pro Home HD  
• Pro PD  
2:30 Discussion  
2:40 Round Table 1- How to Integrate Home HD with  
PD  
3:10 Transitional Units: The Next Frontier  
3:30 Round Table 2 - How to Build Your PD Program  
with  
Transitional Units  
4:00 Break

**Common Myths in PD Practice**  
**4:15-5:30**

4:15 Myths Related to PD Patient Selection  
4:35 Myths Related to PD Infection  
4:55 Myths Related to Surgical Procedures in PD Pa-  
tients

**EARLY MORNING SESSIONS**

**Cardiac Arrhythmias in HD Patients**

**8:00-10:00**

- 8:00 Key Messages from the MiD Study
- 8:30 The Role of Implantable Defibrillators
- 9:00 Reducing the Risk of Arrhythmias during Dialysis by Adjusting Dialysate Composition
- 9:30 Discussion

**Peritonitis III**

**8:00-10:00**

- 8:00 Creating a Culture of Infection Prevention in PD
- 8:35 A Review of the ISPD Guidelines: A Closer Look
- 9:50 Discussion
- 10:00 Break

**Clinical Topics**

**8:00-10:00**

- 8:00 Incremental Dialysis: Can It Make a Difference for Residual Renal Function?
- 8:45 Dialysis Recovery Time: Implications for Care
- 9:15 Medicaid Expansion: The Affordable Care Act and Kidney Care Outcomes
- 9:45 Discussion

**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**

- 8:00 Update: CMS Survey and Regulations Affecting Dialysis Facilities
- 8:25 Strategies to Reduce Anxiety Regarding Surveys: How to Prepare the Interdisciplinary Team
- 8:50 Emergency Preparedness: Are you in Compliance with CMS Regulations?
- 9:15 Practical Tips in Developing POC to Correct Deficiencies
- 9:40 Discussion
- 10:00 Break

**Break • 10:00-10:15**

**LATE MORNING SESSION**

**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**

*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

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.

12:00 Adjourn

# SYMPOSIUM ON PEDIATRIC DIALYSIS

**SUNDAY, MARCH 17**

## LATE MORNING SESSION

### Session I - Hot Topics I

**10:45-12:15**

- 10:45 Food Insecurity in Dialysis Patients  
11:15 Dialysis in Special Conditions (e.g., ARPJD)  
11:45 PD Adequacy Guidelines: What's New

### 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.

- **Fellows Luncheon and Dialysis Competency Exam**
- **Pediatric Advanced Practice Providers Luncheon**  
Using the Transformational Professional Practice Model
- **Pediatric Nurses Luncheon**  
Learn from Your Colleagues: Practical Solutions for Practical Problems
  - Emergency Preparedness
- **Pediatric Renal Nutrition Luncheon**  
Nutrition Hot Topic #1 - Reflecting on Practice: Pediatric Renal Nutrition Calculations

### Faculty Guided Tours of the Pediatric Posters

**1:15-2:00**

### Session III - Pediatric Dialysis Keynote Addresses

**2:00-4:00**

- 2:00 Update on Myocardial Stunning During Hemodialysis  
2:45 The Social Media Revolution in Nephrology Education  
3:30 Best Abstract #1  
3:45 Best Abstract #2  
4:00 Break

### Pediatric Nutrition Symposium I

**2:00-4:00**

- 2:00 There's an App for That  
3:00 Magic in the Measures: Tools, Types, and Techniques  
4:00 Break

**Break • 4:00-4:15**

## LATE AFTERNOON SESSION

### Session IV - The Value of Disease-Specific Camping – Our Most Important Work

**4:15-6:00**

- 4:15 Medical Preparedness and the Role of the Camp Medical Director  
4:50 Common Psychosocial Issues Associated with Disease-Specific Camping  
5:25 Camp Operations: From Set up to Day-to-Day  
6:00 Adjourn

### Pediatric Nutrition Symposium II

**4:15-6:00**

Mindfulness

**MONDAY, MARCH 18**

## EARLY MORNING SESSIONS

### Session I - Transition is a Team Sport

**8:00-10:00**

- 8:00 The Patient Perspective  
8:30 The Pediatric Dialysis Provider Perspective  
9:00 The Internal Medicine Dialysis Provider Perspective  
9:30 Panel Discussion

**8:00-10:00**

### Pediatric Nutrition Symposium III

Fluid Management in the Pediatric Renal Patient

**Break • 10:00-10:15**

## LATE MORNING SESSIONS

### Session II - Vascular Access for the Long Haul: Preservation and Restoration

**10:15-12:25**

- 10:15 Successful Save the Vein Programs  
10:50 Opening Chronically Stenotic Vascular Access = Extending Life  
11:25 Best Abstract #3  
11:40 Best Abstract #4  
11:55 Best Abstract #5  
12:10 Best Abstract #6

### Pediatric Nutrition Symposium IV

**10:15-12:15**

- 10:15 Food Insecurity...The RD Perspective  
11:15 The Calcium Conundrum: When, What and How to Give Calcium in Pediatric CKD/ESRD

# SYMPOSIUM ON PEDIATRIC DIALYSIS

## AFTERNOON SESSIONS

### Session III – Pediatric Breakout Luncheons

12:25-1:15

- **Pediatric Dialysis Nursing Luncheon**
- **Pediatric Advanced Practice Provider Luncheon**  
The APP's Role in Establishing a Transition Program
- **Pediatric Renal Nutrition Luncheon**  
How to Guide: Intradialytic Intralipid
- **Pediatric Dialysis, MD (Fellows and Attendings) Networking Luncheon**  
New CMS Rules for E&M and Telehealth Coding and Documentation: Is It Good News for a Change?

### Faculty Guided Tours of the Pediatric Posters

1:15-2:00

### Session IV - Workshop on Continuous Renal Replacement Therapy (CRRT) – Part 1

2:00-4:00

- 2:00 The Epidemiology of Acute Kidney Injury (AKI)
- 3:00 Prescribing and Monitoring CRRT
- 3:30 Current AKI Research

4:00 Break

### Session V - Workshop on Continuous Renal Replacement Therapy (CRRT) – Part 2

4:10-5:10

- 4:10 Nutrition for the Pediatric CRRT Patient
- 4:40 Quality Improvement for CRRT: The Time is Now
- 5:10 Adjourn

### Tour of Children's Medical Center Dallas

5:30-6:30

**TUESDAY, MARCH 19**

## EARLY MORNING SESSIONS

### Session I: Education Strategies: Simulation

8:00-9:30

- 8:00 Mastering Simulation
- 8:30 Simulation Demonstration: How to Do It

### Session II - Hot Topics II

9:30-10:30

- 9:30 Infection Prevention
- 10:00 Standardized Outcomes in Nephrology (SONG)

### Pediatric Nutrition Symposium V- Protein: Quality and Quantity

9:30-10:00

Break • 10:30-10:45

## LATE MORNING SESSION

### Session III: My Favorite Paper

10:45-12:00

- 10:45 Clinical Nephrology/Dialysis
- 11:00 AKI
- 11:15 Nursing
- 11:30 CRRT
- 11:45 Nutrition
- 12:00 Adjourn