The Conference will be held Sunday, March 4 through Tuesday, March 6, 2018, with pre-conference sessions on Saturday, March 3, at the Orlando World Center Marriott (8701 World Center Dr., Orlando, FL 32821)

www.annualdialysisconference.org

COURSE DESCRIPTION

The Annual Dialysis Conference: The thirty-seventh Annual Conference on Dialysis, and twenty-eighth 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.

www.annualdialysisconference.org

This conference is designed for health professionals involved in dialysis programs. It covers all aspects of dialysis with sessions on Hemodialysis, Peritoneal Dialysis, Pediatrics, Nursing, and Nutrition.

CONTENTS

Course Description/Objectives ................................................. 3
Conference Chairs/Planning Committee ..................................... 4
Conference Endorsers ............................................................. 4

PRE-CONFERENCE SESSIONS

Saturday, March 3
Peritoneal Dialysis .................................................................. 5
Home Hemodialysis Symposium .............................................. 5, 6
Fundamentals of Extracorporeal Therapies .............................. 6
The Fundamentals of Dialysis in Children ................................. 6

PROGRAM

Sunday, March 4 • Day 1
ADC Technician Program .......................................................... 7
Breakfast Symposium .............................................................. 7
General Session & Keynote Presentations ............................... 7
Morning Sessions ..................................................................... 7, 8
Afternoon Sessions ................................................................. 8, 9

Monday, March 5 • Day 2
Breakfast Symposium .............................................................. 9
Fellows Forum ......................................................................... 9
Slide Forums ........................................................................... 9
Morning Sessions ..................................................................... 9, 10
Afternoon Session .................................................................... 10, 11

Tuesday, March 6 • Day 3
Morning Sessions ..................................................................... 12

Symposium on Pediatric Dialysis ............................................. 12, 13
The Annual Dialysis Conference
has been endorsed by the following organizations
(Endorsement is for the promotion of education in general, therefore the specific content of the event/course is the responsibility of the organizer)

CONFERENCE CHAIR
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Ramesh Khanna, MD

HEMODIALYSIS CHAIR
Madhukar Mira, MD, FRCP (UK), Professor, Division of Nephrology, University of Missouri School of Medicine, Columbia, Missouri

NURSING & HEALTH RELATED PROGRAMS CHAIR
Leonor Ponferrada, BSN, BSHM, RN, CNN, Education Coordinator, Division of Nephrology, University of Missouri School of Medicine, Columbia, Missouri

PEDIATRIC CO-CHAIRS
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Helen Currier, MA, BSN, RN, CNN, CENP, Director, Renal and Pheresis Services, Texas Children’s Hospital, Houston, Texas
Bradley Warady, MD, Professor of Pediatrics, Children’s Mercy Hospital and Clinics, Kansas City, Missouri

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EXTERNAL ADVISORY GROUP
Andrew Davenport, MD
Robert S. Lockridge, Jr., MD
Rajnish Mehrotra, MD
(provided

For more information on our listed endorsers, please visit our website annualdialysisconference.org
PERITONEAL DIALYSIS

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.

KEYNOTE: Peritoneal Dialysis Today and Worldwide
8:00 - 8:30am

PD Basics
8:30 - 10:15am
8:30 Management of PD Prescription: Case-based Interactive Session
9:20 Overview of PD Access
10:00 Discussion
10:15 Break

Patient Care Issues
10:30 - 12:10
10:30 Strategies to Reduce Infections in Peritoneal Dialysis
11:00 From Teaching to Life Coach: On the Ground Insights into Patient Education
11:30 Hyperphosphatemia in PD Patients: Innovative Management Strategies
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.

Challenging Clinical Situations
1:15 - 3:15pm
1:15 Hypomagnesemia in PD: Management Strategies
2:00 PD in Chronic Cardio-renal Syndrome
2:30 Can PD Improve Quality of Life in the Elderly?
3:00 Discussion
3:15 Break

Advances in PD
3:30-5:30pm
3:30 What’s New in PD Telemedicine
4:10 Remote Monitoring in PD
4:50 PD Over the Next Decade: Status Quo or Expect the Unexpected
5:20 Discussion
5:30 Adjourn

HOME HEMODIALYSIS SYMPOSIUM
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.

7:55 Welcome

Session 1: Why the U.S. is Lagging Behind
8:00 - 10:15am
8:00 Keynote: Current Global Status of Home Hemodialysis
8:30 How Can We Overcome the Barriers to Home Hemodialysis?
9:00 How Can We Foster More Physician Champions?
9:30 Racial Disparities in the Choice of Dialysis Therapy
10:00 Discussion
10:15 Break

Session 2: Why Are Patients Failing?
10:30am - 12:00pm
10:30 How Safe is Home Hemodialysis?
11:00 Factors Associated with Discontinuation of Home HD
11:30 Care Burden: Are We Doing Enough to Support the Patient and Care Partner?
11:50 Discussion
12:00 Lunch (provided)

Session 3: Reimbursement, Efficiency and Effectiveness in Home Dialysis Operations
12:30 - 1:15pm
The major thrust of discussion during this luncheon session is reimbursement issues as well as strategies to effectively and efficiently utilize patient and staff time in the home dialysis program. You will have an opportunity to share your experiences and join in an exchange of ideas so we can learn from each other. Attendees will also have the opportunity to participate in an interactive discussion and ask questions from a panel of experts about home hemodialysis therapy-related issues that may or may not be covered in any of the presentations in today’s program.

Session 4: Clinical Management Challenges and Solutions
1:30 - 3:10pm
1:30 Home Hemodialysis Prescriptions
2:00 Pharmacological Considerations: Treatment of Infections, Anticoagulation, Iron Management
2:30 Patient Reported Outcomes in Home Dialysis
3:00 Discussion
3:10 Break
### Session 5: Effective Transition to and from Home Hemodialysis
3:20 - 5:15pm

<table>
<thead>
<tr>
<th>3:20</th>
<th>The Impact of Transition Units</th>
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<tr>
<td>3:50</td>
<td>Technology to Promote Home HD</td>
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<td>4:20</td>
<td>The Back-end of Home Hemodialysis: How Can We Address It?</td>
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<td>5:00</td>
<td>Discussion</td>
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### The Fundamentals of Dialysis in Children

**8:00 - 10:00am**

<table>
<thead>
<tr>
<th>8:00</th>
<th>Peritoneal &amp; Vascular Access</th>
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<tr>
<td>8:40</td>
<td>Physiology of Blood Purification (Dialysis and Pheresis)</td>
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<td>9:10</td>
<td>PD Prescription and Adequacy Monitoring</td>
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#### Session I

**8:00 - 10:10am**

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#### Session II

**10:20am - 12:20pm**

- Pediatric Dialysis Nutrition Guidelines
- Growth and Recombinant Growth Hormone Therapy
- Renal Bone Disease
- Lunch (provided)

#### Nursing Breakout Sessions

**10:20am - 12:20pm**

- Pediatric Dialysis Nurses Session
  - Home Visits and Managing Inventory
  - PET Testing
  - Professional Development
- Pediatric Dialysis Nurse Practitioner Breakout Session
  Facilitated Discussion on Practice Issues for the Pediatric Dialysis Nurse Practitioner

#### Session III - Luncheon Sessions

**12:30 - 1:45pm**

- Fellows Case Conference - Stump the Consultants
- Nursing Luncheon Breakout - Lupus Nephritis
- Dietitian Luncheon Breakout
  - Resources for the RD New to Pediatric Renal Nutrition
  - Nutrition Case Study with PES

### Fundamentals of Extracorporeal Therapy

#### Hemodialysis: Concepts and Technology

**8:00 - 10:00am**

<table>
<thead>
<tr>
<th>8:00</th>
<th>Introduction</th>
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<tr>
<td>8:05</td>
<td>How Does HD Work? Revisiting the Basics</td>
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<tr>
<td>8:45</td>
<td>Dialyzers: What Is Important to Know in 2018?</td>
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<tr>
<td>9:30</td>
<td>Beeps, Buzzers, and Alarms</td>
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<td>10:00</td>
<td>Break</td>
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#### Hemodialysis Technique: Rediscovering the Forgotten Art

**10:30am - 12:00pm**

<table>
<thead>
<tr>
<th>10:30</th>
<th>Managing the Ultrafiltration Rate (UFR): A Balancing Act</th>
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<tbody>
<tr>
<td>10:55</td>
<td>Managing Hypertension: On Measurements and Medications</td>
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<tr>
<td>11:30</td>
<td>Managing the HD Catheter: Of Locks and Ointments</td>
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<tr>
<td>11:45</td>
<td>Discussion</td>
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<td>Lunch (provided)</td>
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#### Hemodialysis Access

**1:00 - 3:00pm**

<table>
<thead>
<tr>
<th>1:00</th>
<th>The Arteriovenous Fistula: Basics and Beyond</th>
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<tbody>
<tr>
<td>1:35</td>
<td>Catheters for Acute and Chronic HD</td>
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<tr>
<td>2:10</td>
<td>Catheter Related Bacteremia: Management Update</td>
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<td>2:45</td>
<td>Discussion</td>
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<td>3:00</td>
<td>Break</td>
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#### Hemodialysis: Symptom Management

**3:30 - 5:00pm**

<table>
<thead>
<tr>
<th>3:30</th>
<th>How to Manage Common Symptoms of Insomnia, Restless Legs and Itching</th>
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<tbody>
<tr>
<td>4:10</td>
<td>Basics of Pain Management on HD</td>
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<tr>
<td>4:40</td>
<td>Discussion</td>
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<td>5:00</td>
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### THE FUNDAMENTALS OF DIALYSIS IN CHILDREN

**7:55am - Welcome**

**Session I**

**8:00 - 10:10am**

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**Session II**

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<td>Renal Bone Disease</td>
</tr>
<tr>
<td>12:20</td>
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**Nursing Breakout Sessions**

**10:20am - 12:20pm**

- Pediatric Dialysis Nurses Session
  - Home Visits and Managing Inventory
  - PET Testing
  - Professional Development
- Pediatric Dialysis Nurse Practitioner Breakout Session
  Facilitated Discussion on Practice Issues for the Pediatric Dialysis Nurse Practitioner

**12:20pm - Lunch (provided)**

**Session III - Luncheon Sessions**

**12:30 - 1:45pm**

- Fellows Case Conference - Stump the Consultants
- Nursing Luncheon Breakout - Lupus Nephritis
- Dietitian Luncheon Breakout
  - Resources for the RD New to Pediatric Renal Nutrition
  - Nutrition Case Study with PES

**1:45pm - Break**

**Session IV**

**2:00 - 3:20pm**

<table>
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<tr>
<th>2:00</th>
<th>Renal Anemia: The Basics</th>
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<td>Major Infectious Complications</td>
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<td>3:20</td>
<td>Break</td>
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**Session V**

**3:30 - 5:00pm**

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<th>3:30</th>
<th>Cardiovascular Complications</th>
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<tbody>
<tr>
<td>4:15</td>
<td>Acute Kidney Injury/CRRT: The Basics</td>
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<tr>
<td>5:00</td>
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ADC Technician Program • Sunday, March 4, 2018

Dialysis Technicians comprise a major portion of the workforce in dialysis facilities. They are essential members of the interdisciplinary team who interact closely with patients and other healthcare providers. This program is designed for dialysis technicians and other healthcare providers who participate in providing care for patients on dialysis therapy.

Please use the ADC Technician program registration form when registering for this program

8:00am - Welcome

Session 1
8:10 - 10:30am
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.
9:10 Practical Aspects of Hemodialysis
This presentation will discuss the various facets of the hemodialysis processes that are performed in which the rationale and reason may be obscure or doesn’t make sense. It will cover topics ranging from issues such as water treatment, dialyzer, dialysis machine and routine practices that can potentially and/or unknowingly harm the patient.
9:50 Offering Compassion and Empathy: A Simple Act to Elicit Patient Engagement
10:30 Break

Session 2
10:45am - 12:00pm
10:45 Barbara Prowant Lectureship: Nursing Keynote – Creating Sustainable Changes in the Workplace to Improve Outcomes – Lessons Learned from the CSI (Clinical Scene Investigator) Academy
12:00 Lunch

Exhibits and Posters
1:00 - 2:00pm
Visit the poster presentations.

Session 3
2:00 - 3:30pm
2:00 A Stunning Fact You Should Know: Why Volume Management and Blood Pressure Control is Critical in Preventing Cardiovascular Events in Dialysis Patients
2:45 Drawing Blood Properly: Practical Tips
This presentation will help explain the proper technique of drawing blood and help you understand the reasons behind doing things such as: turning down ultrafiltration, how long should blood sit, how to spin technique, etc. You will hear the ramifications of improper technique and how it will affect patients and the dialysis facility.
3:20 Discussion
3:30 Break

Session 4
3:40 - 5:30pm
3:40 Strategies to Prolong the Life of the Vascular Access
This session is a combination lecture and experiential learning that will focus on what dialysis staff must do in caring for the vascular access. Discussion will include: monitoring and surveillance, observation and inspection, recognition of potential problems and improving skills in cannulation technique.
5:30 Adjourn

Exhibits and Posters
5:30-7:00pm
Visit the poster presentations.
Renal Replacement Therapy (RRT) in Liver Disease
10:45am - 12:15pm
10:45 Albumin Dialysis for Patients with Acute Liver Injury Awaiting Transplant
11:15 RRT in Patients with Cirrhosis and Ascites
11:45 Hepatitis B in Dialysis Patients: Risks, Prevention and Treatment Strategies
12:00 Discussion
12:15 Lunch (provided)

Fluid Overload on HD: Time to Get It Right
10:45am - 12:00pm
10:45 Use of a Bio-impedance Tool Should Become Routine in the HD Unit
11:15 Ultrafiltration in Fluid Overload: A Balancing Act (case-based approach)
11:45 Discussion
12:00 Lunch (provided)

Current Controversies in Vascular Access for HD
10:45am - 12:00pm
10:45 Prophylactic Angioplasty of AVF: What Does the Evidence Tell Us?
11:15 What Do We Need to Know When Placing Access in Elderly HD Patients?
11:45 Discussion
12:00 Lunch (provided)

Luncheon Session
12:15 – 1:00pm
Hemodialysis: Learn From Your Colleagues Panel Discussion: Practical Solutions to Practical Problems in HD
Attendees of this session will have the opportunity to network with experienced HD practitioners, hear case presentations and ask questions about HD issues including: Patient Care Management, Ultrafiltration, Infections, Technical Issues, Home Hemodialysis, Vascular Access, Nutrition, etc.

Luncheon Sessions
12:15 - 1:00pm

Poster Presentations
1:00-2:00

Management of Mineral Bone Disease (MBD) in ESRD (Part 1)
2:00 - 4:00pm
2:00 Overview: Current Management Guidelines for Managing Renal Bone Disease in Dialysis Patients
2:30 Changing Landscape of Nutritional and Pharmacologic Management in Mineral Bone Disease
3:00 Challenges to Control PTH in Dialysis Patients
3:30 Guidelines Apart, Is There a Simpler Way to Manage MBD in Dialysis Patients?
4:00 Break

What is Optimal Dialysis?
2:00 - 4:00pm
2:00 Moving Beyond Small Solutes: A Critical Review of the Role of Bigger Molecules
2:30 Fluid Overload as an Adequacy Measure: Complexities of Assessment and Removal
3:00 What Matters Most to Our Patients? Patient Reported Outcomes as an Index of Adequacy
3:30 Incremental Dialysis: Examining the Data
4:00 Break

Home HD Machines
2:00 - 4:00pm

PD Nursing Fundamentals 1
2:00 - 4:00pm
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

Home Hemodialysis: Synergizing Rights and Responsibilities of Patients and Dialysis Programs
2:00 - 4:00pm
2.00 Dialysis Program Perspective
2.30 Patient Perspective
3.00 How Regulatory Agencies View the Relationship
3.30 Case Presentations and Interactive Discussion
4:00 Break

Dialysis and the Elderly
2:00 - 4:00pm
2.00 Dialysis in Late Life: Benefit or Burden?
2.30 A Comprehensive Approach of the Elderly Patient with Advanced CKD/ESRD
3.15 Outcomes for Older People on Dialysis: Comparison of Assisted PD and Hemodialysis
3.45 Discussion
4:00 Break

Panel Discussion: Support Systems for Patients on Home Dialysis
2:00 – 4:00pm
This session will discuss aspects of care for the home patient who has completed the required education and training. It will include issues like determining what encompasses as routine follow up, expectations regarding on call systems, dealing with home medications, home visits, etc.

PD Management
2:00 - 4:00pm
2.00 Preventing PD Drop Out
2.25 PD in AKI
2.50 Volume Control in PD: APD vs CAPD
3.15 Encapsulating Peritoneal Sclerosis
3.40 Discussion
4.00 Break

HHD Machines
4:15 - 5:30pm

Medical Director Session: Challenges and Solutions
4:15 - 5:30pm
4.15 Promoting a Culture of Safety in the Dialysis Unit
4.40 Handling Disruptive Behavior in the Dialysis Unit
5.15 Discussion
5.30 Adjourn

Management of Mineral Bone Disease (MBD) in ESRD (Part 2)
4:15 - 5:30pm
4.15 Is There a Role for Vitamin D in Dialysis Patients?
4.40 Osteoporosis in Dialysis Patients: Challenges in Management
5.05 Managing Vascular Calcification in Dialysis Patients
5.30 Adjourn
**[04D] Workshop: Peritoneal Equilibration Test (PET) and Prescription Management Strategies**

*4:15 - 5:30pm*

This workshop will discuss the elements of PET testing and provide clinical case presentations that will provide clinicians a tool to help in prescription management, optimizing PD adequacy and provide strategies to preserve the peritoneal membrane integrity and prevent the risk of encapsulating peritoneal sclerosis.

**[04E] CKD Education**

*4:15 - 5:30pm*

- **4:15** Nurse Navigator: Boldly Going Where No Nurse Has Gone Before in CKD and Modality Education
- **4:45** Implementing Shared Decision-making for Dialysis Choice
- **5:20** Discussion
- **5:30** Adjourn

**[04F] Home Dialysis Program Management**

*4:15 - 5:30pm*

- **4:15** Debate: Home Dialysis Care Partners
  - They are a Must
  - They are Not Necessary
- **4:45** Emergency Preparedness for Home Programs: Are You in Compliance?
- **5:15** Discussion
- **5:30** Adjourn

**[04G] Collaborative Pain Management in Dialysis Patients**

*4:15 - 5:30pm*

There is a high prevalence of pain in the CKD population which has been shown to be associated with poor quality of life. This session will address sources of pain among ESRD patients, pain assessment and screening and will discuss both pharmacologic and non-pharmacologic management strategies to reduce pain in this patient population.

**[04H] Fundamentals of PD: PD Management**

*4:15 - 5:30pm*

- **4:15** Unplanned and Urgent PD: Trials and Tribulations
- **4:40** Assisted PD: Pros and Cons
- **5:05** Should All Patients Start with Incremental PD?
- **5:30** Adjourn

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**Monday, March 5, 2018**

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

**Breakfast at Exhibit Hall • 7:00 - 9:00am**

**[09B] Fellows Forum • 9:00am - 12:00pm**

**[09C-H] Slide Forums (Abstract presentations) • ??**

**[09I] A Multidisciplinary Approach to PD Catheter Placement and Trouble Shooting**

*9:00 - 10:30am*

- **9:00** Surgical Placement of PD Catheters and Post-operative Complications
- **9:40** Catheter Care
- **10:15** Discussion
- **10:30** Break

**[09J] PD Clinical Topics: Can We Improve Survival in PD?**

*9:00 - 10:30am*

- **9:00** Maintaining PD Adequacy: The Process of Incremental Prescription
- **9:30** Preserving the Peritoneal Membrane
- **10:00** Easing the Care Burden: How Can We Support Patients and Care Partners?
- **10:30** Break

**[09K] Patient Education I: Secrets of Success for Novices: Instant Teaching Tools for your Practice**

*9:00-10:30*

Like the titles of the popular “For Dummies” series of job and career self-help books, this session will focus on making patient teaching friendlier for those who aren’t natural-born teachers. This session includes straightforward recommendations complemented with fun creative approaches, which makes learning more enjoyable and even entertaining. Learn quick ways to teach critical information to a variety of people, despite age disparities, style and need differences. Bring your biggest teaching challenges, interact with the group and take on new ideas you can use to make your teaching most effective.

**[09L] Telehealth and Nephrology**

*9:00 - 10:30am*

- **9:00** Telehealth: How it Works in Nephrology Practice Today
- **9:45** Telehealth Ethics
- **10:15** Discussion
- **10:30** Break

**[09M] Mistakes We Make in Dialysis**

*9:00 - 10:30am*

- **9:00** We Hold Antihypertensives before Dialysis
- **9:25** We Lower Blood Flow for Intradialytic Hypotension
- **9:50** We Under Dialyze Women and Small Patients
- **10:15** Discussion
- **10:30** Break

**[09N] Peritoneal Dialysis in North America**

*9:00 - 10:30am*

*Presented in Cooperation with the North American Chapter of the International Society of Peritoneal Dialysis (ISPD)*

- **9:00** Welcome
- **9:05** NAC-ISPD Presidential Address and Introduction of The Gabor Zellerman Lecture
- **9:10** The Gabor Zellerman Lecture - PD Research
- **9:40** Dialysis Modality and Survival: What Again?
- **10:10** Worshipping at The Altar of K/TV: What Urea Kinetics in PD Can and Can’t Tell Us
- **10:30** Break
[09O] KDIGO Session
9:00 - 10:30am

[10F] Peritoneal Dialysis in North America
10:45am - 12:00pm
Technique Failure on PD: Failure of the Patient, the Therapy or the Treatment Team?
10:45 Patient Selection for PD: Myth Vs. Reality
11:05 “In the Beginning”: Opportunities to Improve Care in the First 90 Days of Peritoneal Dialysis
11:30 Technique Failure: Can We All Be Speaking the Same Language
12:00 Lunch (provided)

[10G] Phosphorous Update
10:45am - 12:00pm
10:45 Essentials of Phosphorous Control
11:05 Hyperphosphatemia: Don’t Blame the Patient
11:25 A Novel Calculator for Phosphorous Control
11:45 Discussion
12:00 Lunch (provided)

[10H] PD and Peritonitis: The Battle Continues
10:45am - 12:15pm
10:45 Exploring the Recent ISPD Guidelines: A Critical Appraisal
11:15 Case Presentations: Practical Issues in Peritonitis Management
12:00 Lunch (provided)

[10I] Patient Education II, The Physiology of Learning
10:45am - 12:00pm
How learning occurs is a physiologic process that involves attention, memory, information processing, and recall from memory. The session will examine how learning occurs considering these key elements and discuss how pathophysiologies/disease processes can alter physiology and affect learning.

[10J] Palliative Care in Patients with Advanced Kidney Disease: What the Nephrology Team Needs to Know
10:45am - 12:15pm
10:45 End of Life Care: The Question of Futility in Patients with Chronic Disease
11:15 Palliative Care in CKD: How, What and When
11:45 A Framework for Managing Dementia in Advanced Kidney Disease
12:00 Discussion
12:15 Lunch (provided)

10:45am - 12:00pm
This Panel Discussion will address dialysis in long term care facilities (HD and PD) focusing on crucial issues and challenges such as coordination between the dialysis facility and the long term care facility, state regulatory requirements, staffing, training program, communication and reimbursement considerations.

[10L] Peritoneal Membrane Physiology
10:45am - 12:00pm
10:45 Molecular Mediators of Peritoneal Fibrosis
11:10 Water and Solute Transport Characteristics and Ultrafiltration Failure
11:35 New Insights in Preserving the Peritoneal Membrane
12:00 Lunch (provided)

[12C] Luncheon Session - Peritoneal Dialysis: Learn From Your Colleagues
Panel Discussion: Practical Solutions to Practical Problems in PD
12:15 - 1:00pm (PRE REGISTRATION FOR THIS SESSION IS REQUIRED)
Attendees of this session will have the opportunity to network with experienced PD practitioners, hear case presentations and ask questions about PD issues including: Diagnosis and Management of Peritonitis, PD Catheter care and Catheter Problems, Trouble Shooting, Patient Management Issues, etc.

[12D] Luncheon Session - Career Development in Nursing: An Individual and Professional Responsibility
12:15 - 1:00pm (PRE REGISTRATION FOR THIS SESSION IS REQUIRED)
Nursing has a variety of career options. Nurses should continue learning throughout their careers and need to stay up-to-date on patient care, healthcare trends, treatments and techniques. Participate in this discussion and networking session and discover from successful career nurses how you can capitalize on your skills, growth potential, and professional opportunities through planned career development.

[01C] Poster Presentations
1:00 - 2:00pm

[02I] Ultrafiltration in Heart Failure I
2:00 - 4:00pm
2:00 Conventional Management of Resistant Heart Failure
2:30 Cardiorenal Rescue Study in Acute Decompensated Heart Failure (CARRESS-HF) – A Nephrocentric Critique
3:00 Ultrafiltration with Hemodialysis in Resistant Heart Failure
3:30 Ultrafiltration with Peritoneal Dialysis in Resistant Heart Failure
4:00 Break

[02J] Diabetes Mellitus and Obesity
2:00 - 4:00pm
2:00 Overview: Obesity and Chronic Kidney Disease
2:30 Update: Diabetes Management in CKD Patients
3:00 Health Literacy in Diabetes Care
3:30 The Role of Bariatric Surgery in CKD/ESRD/Transplant
4:00 Break

[02K] Industry Speaks
2:00 - 4:00pm

[02L] Patient Education III - Top 10 Creative Teaching Strategies for 2018: Be Wise to What’s Up and Coming
2:00 - 4:00pm
This session will cover the basic essentials of patient education to the more complex situations you will face in your workplace. Let's face it, some topics are more difficult to teach than others. This hands on session explores methods and develops skills on how to teach challenging topics. Discover innovative and creative ways to teach that inspire deeper levels of thinking and engagement for your learners and incorporate technology in your teaching practice.

[02M] Home Hemodialysis: An In-depth Discussion About the Back-end of Home HD: What To Do When Decision Making Hits a Dilemma?
2:00 - 4:00pm
While much attention has been directed at increasing the number and type of patients who may benefit from home HD, an often overlooked aspect of care delivery is how and why patients leave this therapy. At the start of the journey with home dialysis, patients must meet minimum criteria to be considered appropriate for self-management. However, with time and progressive comorbidities, increasing physical and cognitive frailty may result in patients who are deemed too unstable to continue dialyzing themselves in an unsupervised setting. The aim of this session is to explore circumstances where there is genuine tension between a patient’s
adamant desire to remain at home and the family's and care team's ability to support that patient safely. At times, this results in forced discharge from the home program against the patient's will - an outcome that invariably sits uncomfortably with all involved. This session will bring the voices of patients, families, nurses, physicians and administrators to grapple with the challenges of this difficult and delicate scenario in order to map a sensitive approach in managing this situation - an approach that optimizes respect for patient autonomy while simultaneously acknowledging the obligations of a program to provide safe care. Audience participation will be welcome.

- Overview and Code of Ethics
- Patient and Care Partner Perspectives
- Nursing Considerations
- Physician and Program Perspective

[02N] Controversies in Peritoneal Dialysis
2:00 - 4:00pm
2:00 Kt/V Urea; Does One Size Fit All?
2:25 Insulin Resistance, Obesity and Survival, Is There a Link?
2:50 Are Biomarkers Useful in Assessing the Peritoneal Membrane Function?
3:15 Is Peritoneal Dialysis a Cardiovascular Risk?
3:40 Q and A
4:00 Break

[02O] Peritoneal Dialysis in North America - PD: The Future is Here
2:00 - 4:00pm
2:00 Debate: Biocompatible Peritoneal Dialysis Solutions Will Improve Outcomes for Patients on PD
- Pro
- Con
2:45 Discussion
3:00 Policy Change in the United States: What Does It Mean For Home Dialysis
- Introduction and Overview of Recent Changes
- Panel Discussion or Individual Perspectives
4:00 Break

[02P] Acute Kidney Injury - An Injury
2:00 - 4:00pm
2:00 The Relationship Between Dialysis Intensity and Urine Volume. What Do We Know?
2:30 AKI After Cardiac Surgery
3:00 Nephro-oncology and AKI
3:30 Discussion
4:00 Break

[04I] Ultrafiltration in Heart Failure II
4:15 - 5:30pm
4:15 Dialysis to Manage Resistant Heart Failure – Financial Considerations
4:45 Strategies to Manage Resistant Heart Failure with Dialysis – Vision for the Future
5:15 Discussion
5:30 Adjourn

[04J] Peritoneal Dialysis in North America: Clinical Challenges
4:15 - 5:30pm
4:15 PD Catheter Dysfunction: From Opinion to Evidence
4:40 Glucose and PD: Friends or Foes
5:05 TBA
5:30 Adjourn

[04K] Anemia on Dialysis
4:15 - 5:30pm
4:15 Novel Options in Anemia Management in HD Patients
4:35 Making Sense of Available Iron Agents (Efficacy/Hazards/Costs)
4:55 Iatrogenic Iron Overload in Dialysis Patients
5:15 Discussion
5:30 Adjourn

[04L] Incorporating Economic and Operational Efficiency in a PD Program
4:15 - 5:30pm
Panelists in this session are experienced practitioners who will discuss common time and money wasters in a PD program. They will offer tips and strategies to improve operating a program more efficiently especially in areas of supply management and resources available to the PD program.

[04M] Patient Education IV: Applying Theory to Practice: Developing an Individualized Teaching Plan
4:15 - 5:30pm
4:15 Individualizing a Teaching Plan for the PD Patient
4:45 Individualizing a Teaching Plan for the Home HD Patient
5:15 Discussion
5:30 Adjourn

[04N] Quality Outcomes in Dialysis Patients: Are We Looking at the Right Metrics?
4:15 - 5:30pm
To be successful, QM systems will have to be seen by physicians, patients, and other ESRD clinicians as a way to improve routine, everyday patient management and patient outcomes at the treatment-unit level. This session will address the benefits and barriers of QM system approaches implemented in the ESRD arena followed by an interactive discussion to deliberate strategies how the dialysis multidisciplinary team can improve patient outcomes.
4:45 Patient Reported Outcomes: How Patient Experience Can Be Used in Patient Care
5:15 Discussion
5:30 Adjourn

[04O] PD Management
4:15 - 5:30pm
4:15 Energy Expenditure and Effects on BMI in PD Patients
4:45 Transitioning Modalities and Improving Outcomes
5:15 Modifiable Risk Factors for PD Outcomes and the Center Effect
5:30 Adjourn
Tuesday, March 6, 2018

[08A] Medical Directors’ and Facility Administrators’ Session
8:00 - 10:00am
This session will address decision making processes and strategies that physicians, nurse managers and administrators go through to comply with regulations and yet provide a culture of safety, promote the best patient care outcomes and maintain financial integrity of the dialysis facility.

[08B] What’s New in Dialysis?
8:00 - 10:00am
This Session will cover some of the recent advances in both hemodialysis and peritoneal dialysis in a historical context and consider future research possibilities.

8:00 Emerging Trends in Dialysis
8:30 The Wearable Artificial Kidney: The Latest Developments
9:00 Dialysis Waste to Concrete: Bio-waste Recycling Project
9:45 Discussion
10:00 Break

[08C] If It Were Me… Leading Staff Engaged in Improving the Patient Experience
8:00 - 10:00am
Presented in Cooperation with the National Renal Administration Association (NRAA)
Have you ever wondered “what if it were me in that dialysis chair?” This session will explore the patient experience and what it takes to engage them in their care in the world of renal dialysis. Join a group of practitioners, share their diverse experiences and take advantage of the opportunity for audience engagement.

8:00 What is ICH-CAHPS and Patient Experience and How It Affects Your QIP
8:30 What Does It Mean to Engage Patients in Their Care?
9:00 Real Life Experiences in Engaging Patients and Team Members
9:30 Discussion
10:00 Break

[08D] Improving Clinical Practice in Dialysis
8:00 - 10:00am
8:00 Outcomes from Medication Reconciliation: How to Do It Effectively
8:45 Antibiotic Stewardship
9:15 TBA
9:45 Discussion
10:00 Break

[10M] Plenary Session: Join the Fight to Eradicate Preventable Infections
10:15am - 12:00pm
Presented in Cooperation with the CDC Making Dialysis Safer Coalition and ASN Nephrologists Transforming Dialysis Safety (NTDS)
The nephrology community must lead transformational change that continuously improves dialysis safety, protecting patients from preventable infections. The speakers will demonstrate how CDC, ASN, ADC, and a broad range of dialysis organizations are working together to prevent dialysis infections and infectious threats in dialysis facilities and how you can be a part of these important efforts.

[10N] Special Session: More Frequent Dialysis: Clinical Practice and Prescription
10:15-12:00
Clinical practice guidelines in the United States, Japan, the United Kingdom, Europe, and Canada suggest that more frequent hemodialysis should be considered as treatment for several specific conditions, including left ventricular hypertrophy, uncontrolled hypertension, hyperphosphatemia, and hemodynamic instability. Alternative hemodialysis schedules could be utilized for this purpose—in dialysis facilities (where nocturnal hemodialysis could be utilized more widely), self-care dialysis facilities, rehabilitation centers, skilled nursing facilities, and patient homes—to address the problems that many dialysis patients experience. Yet, recently, six Medicare Administrative Contractors (MACs) released drafts of local coverage determinations (LCDs) that would deny access to more frequent hemodialysis. Unfortunately, this means that nephrologists and nephrology care providers will be limited in using their best judgement to provide optimum dialysis prescriptions for these patients.

Join this session and find out novel ways to enhance dialysis prescriptions, how others have implemented this concept and more importantly, participate in the discussion how best to overcome barriers, particularly in the US, so we can deliver high quality care and be able to advocate for the health of our dialysis patients.

10:30 Overview
10:35 Therapy Prescription across all Dialysis Modalities
11:00 Therapy Application for More Frequent HD
11:25 Panel Discussion: Medicare Administrative Contractors (MACs) VS. Clinical Practice
12:00 Adjourn
**Symposium on Pediatric Dialysis**

**SUNDAY, MARCH 4 • DAY 1**

<table>
<thead>
<tr>
<th>10:00</th>
<th>Session I - Hot Topics I</th>
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<tbody>
<tr>
<td>10:45</td>
<td>HD v. Hemodiafiltration for Pediatric Patients</td>
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<td>11:10</td>
<td>The Role of Simulations in Dialysis Care</td>
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<td>11:35</td>
<td>The Patient Perspective</td>
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<td>12:00</td>
<td>Lunch (Provided)</td>
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**[10P] Nutrition Symposium I**

10:45am – 12:00pm

Energy and Micronutrient Needs in CKD and Dialysis

**Session II - Pediatric Breakout Luncheons (Pick up box lunches – Provided)**

- [10E] Fellows Luncheon and Dialysis Competency Exam
- [10F] Pediatric MDs (who are not fellows) Luncheon
- [10G] Pediatric Nursing/Dietitian Luncheon

**[01B] Faculty Guided Tours of the Pediatric Posters**

1:00 – 2:00pm

**[02Q] Session III**

2:00 – 4:00pm

Infection Prevention in the Dialysis Unit - What Physicians and Nurses Need to Know

- 2:00 Leadership and Its Role in Infection Prevention
- 2:30 Antibiotic Stewardship and Its Role in Dialysis
- 3:00 What can be done on the front lines?
- 3:30 Best Abstract #1
- 3:45 Best Abstract #2

**[02R] Nutrition Symposium II**

2:00 – 3:00pm

Review of Recent Research and Practical Applications for Nutrition Care

**MONDAY, MARCH 5 • DAY 2**

**[08E] Session I**

8:00 – 10:30am

- 8:00 CKD to Dialysis: Lessons from CKid
- 8:35 The Spectrum of Lived Experience
- 9:10 What is the Next Step?
- 9:45 Discussion
- 10:00 Best Abstract #3
- 10:15 Best Abstract #4
- 10:30 Break

**[10Q] Session II**

10:45am – 12:00pm

Using Technology to Optimize Dialysis Care

- 10:45 Clinical Applications of Telehealth in the Dialysis Program
- 11:10 Remote Monitoring
- 12:00 Lunch (Provided)

**[10R] Nutrition Symposium III**

10:45am – 11:45am

Releasing Growth Potential in CKD and Dialysis

**Session III - Pediatric Breakout Luncheons (Pick up box lunches – Provided)**

- 12:00 - 1:00pm
  - [12H] US MDs Luncheon: Billing for Pediatric Dialysis
  - [12I] Nursing Luncheon: Facilitated Discussion on Best Practices
  - [12J] NP Luncheon:
    - The Role of the Pediatric Nurse Practitioner in Quality and Safety
  - [12K] Pediatric Nutrition Luncheon
    - Nutrition Hot Topic: Boning Up on New MBD Guidelines

**[01D] Faculty Guided Tours of the Pediatric Posters**

1:00 – 2:00pm

**[04P] Session IV**

4:15 – 5:30pm

Success Stories: Worldwide Reports from Pediatric ESRD Registries and Collaborative Studies

- 4:15 NAPRTCS
- 4:30 IPDN
- 4:45 4C
- 5:00 SCOPE
- 5:15 CKID
- 5:30 Adjourn

**[04Q] Session IV**

4:15 – 5:30pm

- [10Q] Pediatric Dialysis Nursing Breakout Session II
  - MARS
  - The Staffing Solution
- [10R] Pediatric Dialysis Nurse Practitioner Breakout Session II
  - Transitioning from RN to Nurse Practitioner in the Pediatric Dialysis Unit
  - 5:30 Adjourn

**[02S] Session IV**

2:00 – 4:00pm

- 2:00 Best Abstract #5
- 2:15 Best Abstract #6
- 2:30 Ethical Issues in the Pediatric Dialysis Program – Case Studies
- 4:00 Adjourn
TUESDAY, MARCH 6 • DAY 3

[08F] Session I
8:00 – 10:00am
8:00 Pediatric Keynote Address #1: Long-term Outcomes of Pediatric ESRD
8:45 Discussion
9:00 Pediatric Keynote Address #2: Peritoneal Dialysis Adequacy – Beyond Kt/V
9:45 Discussion
10:00 Break

[08G] Nutrition Symposium V
8:00 – 10:00am
Intradialytic Parenteral Nutrition

Break • 10:00 - 10:15am

[10S] Session II – My Favorite Paper
10:15am – 12:00pm
10:15 Clinical Nephrology
10:35 Clinical Immunology
10:55 Nursing
11:15 AKI/CRRRT
11:35 Nutrition
12:00 Adjourn