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

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.

annualdialysisconference.org
**EXHIBIT HALL HOURS**

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<th>Day</th>
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BE SURE TO PLAY our Exhibit Hall Game - visit every booth in the exhibit hall, collect a signature, then turn your game sheet in for a raffle drawing! (4 drawings to be held)
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-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.

**PRESENTED BY**

MU School of Medicine - Division of Nephrology
MU Sinclair School of Nursing
MU Extension - Center for Continuing Medical Education & Physician Lifelong Learning
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)

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Leonor Ponferrada, BSN, BSHM, RN, CNN, Education Coordinator, Division of Nephrology, University of Missouri School of Medicine, Columbia, Missouri

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Steven R. Alexander, MD, Professor of Pediatrics, Chief, Pediatric Nephrology, Stanford University School of Medicine, Stanford, California
Helen Currier, MA, BSN, RENP, CNN, 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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Glenda Payne, MS, RN, CNN
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Leanne Peace, MSW, LCSW, MHA
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For more information on our listed endorsers, please visit our website annualdialysisconference.org
PERITONEAL DIALYSIS
Room: Grand 11-12 • M=8.75; N=8.66

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.

7:50am Welcome - Preethi Yerram, MD

KEYNOTE: Peritoneal Dialysis Today and Worldwide
Peter Blake, MB, FRCP
8:00 - 8:30am

PD Basics
8:30 - 10:15am
Presider: Preethi Yerram, MD
8:30 Management of PD Prescription: Case-based Interactive Session - Arsh Jain, MD
9:20 Overview of PD Access - Matthew Oliver, MD, MHS
10:00 Discussion
10:15 Break

Patient Care Issues
10:30 - 12:10
Presider: Maria Luongo, RN, BA, MSN
10:30 Strategies to Reduce Infections in Peritoneal Dialysis - Gillian Brunier, RN, MsCN, CNEPH(c)
11:00 From Teaching to Life Coach: On the Ground Insights into Patient Education - Mina Kashani, BHScN, RN, CNeph(c)
11:30 Hyperphosphatemia in PD Patients: Innovative Management Strategies - Lisa Gutekunst, MSED, RD, CSR
12:00 Discussion
12:10 Lunch (provided)

Quiz the Experts
12:15 - 1:00
Moderator: Peter Blake, MB, FRCP
Panelists: Matthew Oliver, MD, MHS; Mina Kashani, BHScN, RN, CNeph(c); Lisa Gutekunst, MSED, RD, CSR; Joel Glickman, MD
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
Presider: Kunal Chaudhary, MD
1:15 Hypomagnesemia in PD: Management Strategies - Lisa Gutekunst, MSED, RD, CSR
1:50 PD in Chronic Cardio-renal Syndrome - Sagar Nigwekar, MD, MMSc
2:25 Can PD Improve Quality of Life in the Elderly? - Edwina Brown, MD
3:00 Discussion
3:15 Break

HOME HEMODIALYSIS SYMPOSIUM
Challenges in Home Hemodialysis Program Management
Room: Grand 8B • M=8.25; N=8.07

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.

7:50am Welcome - Brent Miller, MD; Leonor Ponferrada, BSN, RN, CNN

Session 1: Why the U.S. is Lagging Behind
8:00 - 10:15am
Presider: Brent Miller, MD
8:00 Keynote: Current Global Status of Home Hemodialysis - Michael Kraus, MD
8:30 How Can We Overcome the Barriers to Home Hemodialysis? - Rebecca Seshasai, MD
9:00 How Can We Foster More Physician Champions? - Joel Glickman, MD
9:30 Racial Disparities in the Choice of Dialysis Therapy - Janice Lea, MD, MSc
10:00 Discussion
10:15 Break

Session 2: Why Are Patients Failing?
10:30am - 12:00pm
Presider: Lisa Koester, ANP, CNN-NP
10:30 How Safe is Home Hemodialysis? - Cheryl Cress, RN, CNN
11:00 Factors Associated with Discontinuation of Home HD - Rebecca Seshasai, MD
11:30 Care Burden: Are We Doing Enough to Support the Patient and Care Partner? - Dodie Stein, PhD, MSW, LCSW
11:50 Discussion
12:00 Lunch (provided)
Session 3: Reimbursement, Efficiency and Effectiveness in Home Dialysis Operations
12:30 - 1:15pm
Moderator: Brent Miller, MD
Panelists: Michael Kraus, MD; Cheryl Cress, RN, CNN; Thomas Golper, MD
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.

Session 4: Clinical Management Challenges and Solutions
1:30 - 3:10pm
Presider: Robert Pauly, MD, MSc
1:30 Home Hemodialysis Prescriptions - Allan Collins, MD
2:00 Pharmacological Considerations: Treatment of Infections, Anticoagulation, Iron Management - Jose Morfin, MD, FASN
2:30 Patient Reported Outcomes in Home Dialysis
Kara Schick-Makaroff, PhD, MN, BScN, RN
3:00 Discussion
3:10 Break

Session 5: Effective Transition to and from Home Hemodialysis
3:20 - 5:15pm
Presider: Robert Lockridge, Jr., MD
3:20 The Impact of Transition Units - Prayus Tailor, MD
3:50 Technology to Promote Home HD - Mark Neumann, BS
4:20 The Back-end of Home Hemodialysis: How Can We Address It?
John Agar, MBBS, FRACP , FRCP(Lond)
5:00 Discussion
5:15 Adjourn

ISHD Business Meeting
5:15 - 6:30pm
Challenges in Home Hemodialysis Program Management
Presented in Cooperation with the International Society for Hemodialysis

THE FUNDAMENTALS OF DIALYSIS IN CHILDREN
Room: Grand 7 • M=8.25; N=8.24
7:55am Welcome - Steven Alexander, MD
Session I
8:00 - 10:10am
Presiders: Helen Currier, MA, 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
9:10 PD Prescription and Adequacy Monitoring - Christine Sethna, MD, EdM
9:40 HD Prescription and Adequacy Monitoring - Cherry Mammen, MD
10:10 Break

Session II
10:20am - 12:20pm
Presiders: Franz Schaefer, MD; Nonnie Polderman, RD
10:20 Pediatric Dialysis Nutrition Guidelines - Annabelle Chua, MD
11:00 Growth and Recombinant Growth Hormone Therapy
11:40 Renal Bone Disease - Justine Bacchetta, MD, PhD
12:20 Lunch (provided)

Nursing Breakout Sessions
10:20am - 12:20pm
• Pediatric Dialysis Nurses Session I
Room: Grand 1 • N=?
Presider: Amy Nau, MSN, RN, MBA, CNN
- Home Visits and Managing Inventory - Barbara Cometti, BA, BSN, RN, CNN
- PET Testing - JoLynn Grimes, RN, BSN
- Professional Development - Theresa Mottes, MSN, RN, CPNP-AC, CDN
• Pediatric Dialysis Nurse Practitioner Breakout Session
Room: Grand 2 • N=?
Presider: Jessica Geer, MSN, C-PNP, CNN-NP
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
  Room: Grand 7
  Presider: John Mahan, MD
  Consultants: Jordan Symons, MD; Jaap Groothott, MD; Justine Bacchetta, MD, PhD; Maury Pinsk, MD
  Case Presenters: Mallory Downie, MD; Alexandra Idrovo, MD; Emma Ulrich, MD
- Nursing Luncheon Breakout
  Room: Grand 2
  Presider: Barbara Cometti, BA, BSN, RN, CNN
  - Lupus Nephritis - Eileen Brewer, MD
- Dietitian Luncheon Breakout
  Room: Grand 1
  - Resources for the RD New to Pediatric Renal Nutrition - Nonnie Polderman, RD
  - Nutrition Case Study with PES - Elizabeth Furey, MS, RND, LD/N

1:45pm Break

Session IV
2:00 - 3:20pm
Presiders: Amy Nau, MSN, RN, MBA, CNN; Steven Alexander, MD
2:00 Renal Anemia: The Basics - Meredith Atkinson, MD, MHS
2:40 Major Infectious Complications - Alicia Neu, MD
3:20 Break

Session V
3:30 – 5:00pm
Presiders: Jordan Symons, MD; Jessica Geer, MSN, C-PNP, CNN-NP
3:30 Cardiovascular Complications - Franz Schaefer, MD
4:15 Acute Kidney Injury/CRRT: The Basics - Ayse Arikan, MD
5:00 Adjourn

EXHIBIT HALL HOURS
Saturday, March 3 6:00 - 7:30pm Reception
Sunday, March 4 7:00 - 9:00am Breakfast
                          12:30-2:00pm Lunch
                          5:30 - 7:00pm
Monday, March 5 7:00 - 9:00am Breakfast
                          12:30-2:00pm Lunch
                          5:00 - 6:30pm

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(4 drawings to be held)
**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.

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**Session 1**

**8:10 - 10:30am**

**Presider:** Sharon Swofford, MA, RN, CNN

**8:10** Group Learning Activity: Test Your Knowledge of Dialysis Facilitators: Danilo Concepcion, CBNT, CCHTA, FNKF; Glenda Payne, MS, RN, CNN; Karen Evans, BSN, RN

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 - Danilo Concepcion, CBNT, CCHTA, FNKF

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 - Dori Schatell, MS

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**Session 2**

**10:45am - 12:00pm • Room: Cypress 1**

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

**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 - Karen Cox, PhD, RN, FAAN

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**Exhibits**

**1:00-2:00pm • Room: Cypress 3**

**Posters**

**1:00-2:00pm • Room: Cypress 2**
Breakfast Symposium
6:45 - 8:45am • Room: Grand 7B • M=1.5; N=1.5

Breakfast Symposium Sponsored by Relypsa
Newer Treatment Options for Hyperkalemia - Marcos Rothstein, MD
Hyperkalemia is a common clinical problem encountered in patients with CKD. Additionally, co-existing clinical conditions in such patients often require administration of medications that further predispose CKD patients to hyperkalemia (ACEI inhibitors, Spironolactone etc.). It is important to understand the etiology of hyperkalemia in these patients. Additionally, management of hyperkalemia in these patients should involve a therapeutic approach that achieves the best outcomes for these patients. Until recently, options to manage hyperkalemia in CKD patients have been rather limited. This symposium will discuss the development of new oral potassium-binding agents that define a novel approach in the treatment of hyperkalemia.

Learning Objectives:
• Describe the role of potassium binding agents in hyperkalemia.
• Discuss characteristics of new available agents.
• Recognize the limitations of current agents available for patients with CKD.
• Identify potential side effects.

Marcos Rothstein, MD is Professor of Medicine at Washington University School of Medicine, and Medical Director of three hemodialysis units in the St. Louis, Missouri area. Dr. Rothstein serves in both a clinical and research capacity with the Renal Division at Washington University. His clinical interest lies in the treatment of hemodialysis and peritoneal dialysis patients. His research interests include complicated hypertension, management of chronic kidney disease, anemia of chronic illness, erythropoietin and iron management. Dr. Rothstein has served as Principal Investigator for many studies. He has authored and co-authored more than hundred abstracts, articles and chapters in leading publications in the field of nephrology. He serves on the board of the National Kidney Foundation and is an editorial advisor to many renal journals. He is member of several prominent medical societies.

Breakfast in Exhibit Hall
7:00 - 9:00am • Room: Cypress 3

[09A] Plenary Session
9:00 - 10:30am • Room: Cypress 1 • M=1.5; N=1.5
9:00 Welcome - Ramesh Khanna, MD; Madhukar Misra, MD; Leonor Ponferrada, BSN, BSHM, RN, CNN

Keynote Presentations
9:10 Stephen Vas Memorial Oration: The CMS Quality Payment Program: A Nephrologist’s Perspective - Terry Ketchersid, MD
9:35 HD Keynote: Mesoamerican Nephropathy: A Burning Epidemic - Ramon Garcia Trabanino, MD, Msc, FASN

[10A] Barbara Prowant Lectureship: Nursing Keynote
10:45am - 12:00pm • Room: Cypress 1 • M=1.25; N=1.25
Presiders: Leonor Ponferrada, BSN, RN, CNN; Shirley Farrah, PhD, RN-BC
Creating Sustainable Changes in the Workplace to Improve Outcomes - Lessons Learned from the CSI (Clinical Scene Investigator) Academy - Karen Cox, PhD, RN, FAAN; Executive Vice President/Chief Operating Officer, V. Fred Burry, MD and Sandra Hobart Burry Chair in Nursing Advocacy and Leadership, Children's Mercy Kansas City

Sunday, March 4, 2018

ORLANDO
FLORIDA
Exhibit Hall Open
1:00 - 2:00pm • Room: Cypress 3

[02A] Management of Mineral Bone Disease (MBD) in ESRD (Part 1)
2:00 - 4:00pm • Room: Grand 11-12 • M=2.0; N=2.0
Presiders: Eduardo Lacson, Jr., MD, MPH; Karen Wiesen, MS, RD
2:00 Overview: Current Management Guidelines for Managing Renal Bone Disease in Dialysis Patients - Sagar Nigwekar, MD, MMSc
2:30 Changing Landscape of Nutritional and Pharmacologic Management in Mineral Bone Disease - Lisa Gutwein, MEd, RD, CSR
3:00 Challenges to Control PTH in Dialysis Patients - Peter Blake, MB, FRCP
3:30 Guidelines Apart, Is There a Simpler Way to Manage MBD in Dialysis Patients? - Eduardo Lacson, Jr., MD, MPH
4:00 Break

[02B] What is Optimal Dialysis?
2:00 - 4:00pm • Room: Grand 9-10 • M=2.0; N=2.0
Presider: Jay Wish, MD
2:00 Moving Beyond Small Solutes: A Critical Review of the Role of Bigger Molecules - Andrew Davenport, MD
2:25 Fluid Overload as an Adequacy Measure: Complexities of Assessment and Removal - Bernard Canaud, MD
2:50 What Matters Most to Our Patients? Patient Reported Outcomes as an Index of Optimal Dialysis - Jay Wish, MD
3:15 Incremental Dialysis: Examining the Data - John Daugirdas, MD
3:40 Discussion
4:00 Break

[02C] Home HD Machines
2:00 - 5:30pm • Room: Grand 13-14 • M=3.5; N=3.5
Presider: Robert Lockridge, Jr, MD
2:00 Wearable Artificial Kidney (WAK) - Victor Gura, MD
2:15 Quanta SC+ - Peter Hoyer, MBA, EMBA, RN
2:30 Physidia S3 - Steve Haupt, MBA
2:45 Outset-Tablo - Luis Alvarez, MD, PhD
3:00 NxStage System One - Jose Molina, MBA
3:15 Fresenius 2008K@Home - Robert Kossmann
3:30 Summary and Discussion - Robert Lockridge, Jr, MD
3:45 Machine Demonstrations
5:30 Adjourn

[02D] PD Nursing Fundamentals 1
2:00 - 4:00pm • Room: St. Louis • M=2.0; N=2.0
Presider: Maria Luongo, RN, BA, MSN
2:00 Peritoneal Membrane Physiology: Implications for Long Term PD - Steven Guest, MD
2:45 The Role of Aquaporins in Peritoneal Transport and Ultrafiltration - Steven Guest, MD
3:10 Peritoneal Dialysis Prescription: Case Management and Interactive Discussion - Maria Luongo, RN, BA, MSN; Steven Guest, MD
4:00 Break

[02E] Home Hemodialysis: Synergizing Rights and Responsibilities of Patients and Dialysis Programs
2:00 - 4:00pm • Room: Grand 4 • M=2.0; N=2.0
Presider: Joel Glickman, MD
2:00 Dialysis Program Perspective - Robert Pauly, MD, MSc
2:30 Patient Perspective - Nieljea Godney
3:00 How Regulatory Agencies View the Relationship - Glenda Payne, MS, RN, CNN
3:30 Case Presentations and Interactive Discussion - Frances Reintjes, RN, BScN, BScSpec
4:00 Break

[02F] Dialysis and the Elderly
2:00 - 4:00pm • Room: Grand 5 • M=2.0; N=2.0
Presider: Mary Schira, PhD, RN, ACNP-BC
2:00 Dialysis in Late Life: Benefit or Burden? - Vanita Jassal, MD, PhD
2:45 Outcomes for Older People on Dialysis: Comparison of Assisted PD and Hemodialysis - Edwina Brown, MD
3:30 Discussion
4:00 Break

[02G] Panel Discussion: Support Systems for Patients on Home Dialysis
2:00 - 4:00pm • Room: Grand 6 • M=2.0; N=2.0
Moderator: Donna Painter, MS, RN, CNN
Panelists: Marrio Johnson, RN, BSN; Dodie Stein, PhD, MSW, LCSW
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.

[02H] PD Management
2:00 - 4:00pm • Room: Grand 8A • M=2.0; N=2.0
Presider: Pranay Kathuria, MD, FACP, FASN
2:00 Preventing PD Drop Out - Isaac Teitelbaum, MD
2:25 PD in AKI - Frederic Finkelstein, MD
2:50 Volume Control in PD: APD vs CAPD - Pranay Kathuria, MD, FACP, FASN
3:15 Encapsulating Peritoneal Sclerosis - Frederic Finkelstein, MD
3:40 Discussion
4:00 Break

[04B] Medical Director Session: Challenges and Solutions
4:15 - 5:30pm • Room: Grand 4 • M=1.25; N=1.25
Presiders: Brigitte Schiller, MD; Kunal Malhotra, MD
4:15 Promoting a Culture of Safety in the Dialysis Unit - Mitchell Rosner, MD
4:40 Handling Disruptive Behavior in the Dialysis Unit - Brigitte Schiller, MD
5:15 Discussion
5:30 Adjourn

[04C] Management of Mineral Bone Disease (MBD) in ESRD (Part 2)
4:15 - 5:30pm • Room: Grand 11-12 • M=1.25; N=1.25
Presider: Preethi Yerram, MD
4:15 Is There a Role for Vitamin D in Dialysis Patients? - Michael Shoemaker-Moyle, MD
4:40 Osteoporosis in Dialysis Patients: Challenges in Management - David Klachko, MD, MS, Ed
5:05 Managing Vascular Calcification in Dialysis Patients - Sagar Nigwekar, MD, MMSc
5:30 Adjourn
Workshop: Peritoneal Equilibration Test (PET) and Prescription Management Strategies - Ramesh Khanna, MD; Michelle Hofmann, BSN, RN, CNN
4:15 - 5:30pm • Room: Grand 9-10 • M=1.25; N=1.25
Presider: Ramesh Khanna, MD
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 • Room: Grand 5 • M=1.25; N=1.25
Presider: Darla Doubet, MN, RN, CNN
4:15 Nurse Navigator: Boldly Going Where No Nurse Has Gone Before in CKD and Modality Education - Mina Kashani, BHScN, RN, CNeph(c)
4:45 Implementing Shared Decision-making for Dialysis Choice - Dori Schatell, MS
5:20 Discussion
5:30 Adjourn

Home Dialysis Program Management
4:15 - 5:30pm • Room: Grand 8B • M=1.25; N=1.25
Presider: Michelle Carver, BSN, RN, CNN
4:15 PD Conversion to HHD: When Is the Appropriate Time? - Jose Moran, MD, FASN
4:45 Emergency Preparedness for Home Programs: Are You in Compliance? - Glenda Payne, MS, RN, CNN
5:15 Discussion
5:30 Adjourn

Collaborative Pain Management in Dialysis Patients
Debra Hain, PhD, ARNP, AGPCNP-BC, FAANP, FNKF
4:15 - 5:30pm • Room: Grand 6 • M=1.25; N=1.25
Presider: Leanne Peace, MSW, MHA
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.

Fundamentals of PD: PD Management
4:15 - 5:30pm • Room: Grand 8A • M=1.25; N=1.25
Presider: Gautam Phadke, MD, FACP, FASN
4:15 Unplanned and Urgent PD: Trials and Tribulations - Gautam Phadke, MD, FACP, FASN
4:40 Assisted PD: Pros and Cons - Anjali Saxena, MD
5:05 Should All Patients Start with Incremental PD? - Steven Guest, MD
5:30 Adjourn

EXHIBIT HALL HOURS
Saturday, March 3 6:00 - 7:30pm Reception
Sunday, March 4 7:00 - 9:00am Breakfast 12:30-2:00pm Lunch 5:30 - 7:00pm
Monday, March 5 7:00 - 9:00am Breakfast 12:30-2:00pm Lunch 5:00 - 6:30pm

BE SURE TO PLAY our Exhibit Hall Game- visit every booth in the exhibit hall, collect a signature, then turn your game sheet in for a raffle drawing! (4 drawings to be held)
Monday, March 5, 2018

Breakfast Symposium
6:45 - 8:45am • Room: Grand 7B • M=1.5; N=1.5
Breakfast Symposium Sponsored by Satellite Healthcare
Humancizing Dialysis Through Individualized Patient Care
There is a strong and/or sustained focus in the dialysis industry on measures and metrics associated with dialysis. But what about the individual patient’s experience? As care providers, are we doing everything we can to make their day to day dialysis experience the best it can be?
This breakfast symposium brings together speakers who will address this issue, share their expertise and clinical experiences and interact with the audience to discuss how we can humanize the process of dialysis and improve the overall patient experience.
Topics will include:
• Exercise, Laughter Therapy and Meditation during Dialysis
• Patient Peer Mentoring
• Optimal Transitions
This program is intended for all physicians, nurses, fellows, administrators and other members of the healthcare team providing dialysis therapy.
Speakers: Stephanie Thompson, MD; Jose Morfin, MD, FASN; Graham Abra, MD; Waraporn (Pon) Anantiyo, BSN, RN; Lashone Brown, MSW, LCSW; Joy Cunanan, RN; Brigitte Schiller, MD, FACP, FASN; Paul Bennett, PhD, MHSM, GCAppStats, RN

Breakfast at Exhibit Hall
7:00 - 9:00am • Room: Cypress 3

[09C] Free Communications (Abstract presentations)
9:00am - 12:00pm • Room: Grand 8B • M=2.75; N=2.75
Presider: John Van Stone, MD
9:00 Optimal Transitions: An Innovative Approach to Improve Home Dialysis Modality Penetration - Jose A. Morfin, MD
9:15 High Burden of Hospitalization and Related Medicare Expenditures in Incident Dialysis Patients in Nursing Homes - Eric Weinhandl, PhD, MS
9:30 Intradialytic Changes in Endothelin-1 Level and Its Relation with Intradialytic Hypertension - Magdy ElSharkawy, MD, PhD
9:45 Awarded Best Hemodialysis Abstract: Application of a Novel Intermittent Pneumatic Compression Device Assists in Dilation of Radiocephalic Fistulas - Tai Singh, MD, MBA
10:00 Awarded Best Nursing Abstract: COMPair-HDF: Comparing the Impact of Mixed and Post Hemodiafiltration (HDF) On Convection Volume, Small and Middle Molecule Clearance, and Post Dialysis Recovery Time - Veronica Oliver, MNP RN
10:15 Heparin-Free Dialysis for Patients on Oral Anticoagulants Graham Abra, MD
10:30 Break
Presider: Raymond Krediet, MD
10:45 Re-using Dialysis Plastic Waste as an Incorporative into Concrete John Agar, MBBS, FRACP, FRCP (Lond)
11:00 Analysis of Cytoprotection of Mesothelial Cells by GSX3B-Inhibition in Peritoneal Dialysis Fluids - Rebecca Herzog, PhD
11:15 Interferon-α3 (IFN-α3) Gene (IFNL3) Polymorphisms, Circulating IFN-α3, and Clinical Variables in Hemodialysis (HD) Patients Exposed to Hepatitis E Virus (HEV) - Alicia E. Grzegorzewska, MD, PhD
11:30 Award for Best Peritoneal Dialysis Abstract: Prospective, Randomized, Multi-Center, Double-Blind, Controlled, Two-Period, Two-Treatment, Crossover, Phase II Trial to Evaluate the Safety and Efficacy of Alanyl-Glutamine in Peritoneal Dialysis - Andreas Vychytíl, MD

11:45 Effect of Alanyl-Glutamine on Cellular Injury and Cytoprotective Responses in Endothelial Cells During Peritoneal Dialysis Fluid Exposure Rebecca Herzog, PhD
12:00 Lunch (provided)

[09D] Improving Clinical Practice in Dialysis
9:00 - 10:30am • Room: Grand 3 • M=1.5; N=1.5
Presider: Marjorie Johnson, BSN, RN
9:00 Implementing Strategies to Reduce Missed Treatments Lisa Koester, ANP, CNN-NP
9:45 Outcomes from Medication Reconciliation: How to Do It Effectively Harold Manley, PharmD
10:15 Discussion
10:30 Break

[09E] A Multidisciplinary Approach to PD Catheter Placement and Trouble Shooting
9:00 - 10:30am • Room: Grand 6 • M=1.5; N=1.5
Presider: Kathryn Renee Williams, BSN, RN, CNN
9:00 Surgical Placement of PD Catheters and Post-operative Complications Anil Paramesh, MD, FACS
9:40 Catheter Care - Joanna Neumann, RN
10:15 Discussion
10:30 Break

[09F] PD Clinical Topics: Can We Reduce Dropout in PD?
9:00 - 10:30am • Room: Grand 9-10 • M=1.5; N=1.5
Presider: Jeannine Farina, MSN, RN, CNN
9:00 Maintaining PD Adequacy: The Process of Incremental Prescription Susie Lew, MD
9:30 Preserving the Peritoneal Membrane - Gillian Brunier, RN, MScN, CNeph(c)
10:00 Easing the Care Burden: How Can We Support Patients and Care Partners? - Dodie Stein, PhD, MSW, LCSW
10:30 Break

[09G] Patient Education I: Secrets of Success for Novices: Instant Teaching Tools for your Practice - Michele Deck, RN, MEd, BSN, LCCE, FACCE
9:00 - 10:30 • Room: Grand 4 • M=1.5; N=1.5
Presider: Darla Doubet, MN, RN, CNN
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.

[09H] Telehealth and Nephrology
9:00 - 10:30am • Room: Grand 5 • M=1.5; N=1.5
Presider: Kunal Malhotra, MD
9:00 Telehealth: How it Works in Nephrology Practice Today - Eric Wallace, MD
9:45 Telehealth Ethics - David Fleming, MD
10:15 Discussion
10:30 Break
[09M] Mistakes We Make in Dialysis  
9:00 - 10:30am • Room: Grand 11-12 • M=1.5; N=1.5  
Presider: Madhukar Misra, MD 
9:00 We Hold Antihypertensives before Dialysis - Aldo Peixoto, MD  
9:25 We Lower Blood Flow for Intradialytic Hypotension - Richard Sherman, MD  
9:45 We Under Dialyze Women and Small Patients - John Daugirdas, MD  
10:15 Discussion  
10:30 Break 

[09N] Peritoneal Dialysis in North America  
9:00 - 10:30am • Room: Grand 13-14 • M=1.5; N=1.5  
Presented in Cooperation with the North American Chapter of the International Society of Peritoneal Dialysis (ISPD)  
Presider: Jeffrey Perl, MD, SM, FRCP(C); Thomas Golper, MD 
9:00 Welcome - Thomas Golper, MD  
9:05 NAC-ISPD Presidential Address and Introduction of The Gabor Zellerman Lecture  
9:10 The Gabor Zellerman Lecture  
PD: The Facts and the Fiction  
9:40 Dialysis Modality and Survival: What Again? - Rajnish Mehrotra, MD, MS  
10:10 Worshipping at The Altar of KT/V: What Urea Kinetics in PD Can and Can't Tell Us - Robert Quinn, MD, PhD  
10:30 Break 

[09O] KDIGO Session  
9:00 - 10:30am • Room: St. Louis • M=1.5; N=1.5  
Presider: Ramesh Khanna, MD 
9:00 KDIGO Guideline Update on Hepatitis C and CKD - Paul Martin, MD  
9:20 KDIGO Controversies Conference Series on Cardiovascular Disease and CKD - Wolfgang C. Winkelmaier, MD, ScD  
9:40 KDIGO Controversies Conference Series on Dialysis - Nathan Levin, MD  
10:00 KDIGO Guideline Update CKD-MBD - Linda McCann, RD, CSR  
10:20 Discussion  
10:30 Adjourn 

[10F] Peritoneal Dialysis in North America  
10:45am - 12:00pm • Room: Grand 13-14 • M=1.25; N=1.25  
Technique Failure on PD: Failure of the Patient, the Therapy or the Treatment Team?  
Presider: Jeffrey Perl, MD, SM, FRCPC; Thomas Golper, MD 
10:45 Patient Selection for PD: Myth Vs. Reality - Joanne Bargman, MD, FRCPC  
11:05 “In the Beginning”: Opportunities to Improve Care in the First 90 Days of Peritoneal Dialysis - Anjali Saxena, MD  
11:30 Technique Failure: Can We All Be Speaking the Same Language Jeffrey Perl, MD, SM, FRCPC  
12:00 Lunch (provided) 

[10G] Phosphorus Update  
10:45am - 12:00pm • Room: Grand 11-12 • M=1.25; N=1.25  
Presider: Sagar Nigwekar, MD, MMSc 
10:45 Hyperphosphatemia: Don’t Blame the Patient - Richard Sherman, MD  
11:15 A Novel Calculator for Phosphorous Control - John Daugirdas, MD  
11:45 Discussion  
12:00 Lunch (provided) 

[10H] PD and Peritonitis: The Battle Continues  
10:45am - 12:00pm • Room: Grand 9-10 • M=1.25; N=1.25  
Presider: Sherry Chinnock, BSN, RN, CPN 
10:45 Exploring the Recent ISPD Guidelines: A Critical Appraisal - Robert Quinn, MD, PhD  
11:15 Case Presentations: Practical Issues in Peritonitis Management - Donna Painter, MS, RN, CNN  
12:00 Lunch (provided) 

[10I] Patient Education II, The Physiology of Learning  
Mary Schira, PhD, RN, ACNP-BC  
10:45am-12:00pm • Room: Grand 4 • M=1.25; N=1.25  
Presider: Lesley Dinwiddie, MSN, RN, FNP, CNNe  
10:45 End of Life Care: The Question of Futility in Patients with Chronic Disease - David Fleming, MD  
11:15 Palliative Care in CKD: How, What and When - Jennifer Scherer, MD  
11:45 A Framework for Managing Dementia in Advanced Kidney Disease - Edwina Brown, MD  
12:00 Discussion  
12:15 Lunch (provided) 

[10J] Palliative Care in Patients with Advanced Kidney Disease: What the Nephrology Team Needs to Know  
10:45am - 12:15pm • Room: Grand 6 • M=1.5; N=1.5  
Presider: Debra Hain, PhD, ARNP, AGPCNP-BC, FAANP, FNKF  
10:45 End of Life Care: The Question of Futility in Patients with Chronic Disease - David Fleming, MD  
11:15 Palliative Care in CKD: How, What and When - Jennifer Scherer, MD  
11:45 A Framework for Managing Dementia in Advanced Kidney Disease - Edwina Brown, MD  
12:00 Discussion  
12:15 Lunch (provided) 

10:45am - 12:00pm • Room: Grand 5 • M=1.25; N=1.25  
Presider: Glenda Payne, MS, RN, CNN 
Panelists: Vanita Jassal, MD, PhD; Marijo Johnson, RN, BSN; Denise Eilers, BSN, RN  
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 • Room: San Antonio • M=1.25; N=1.25  
Presider: Peter Margetts, MD, PhD 
10:45 Molecular Mediators of Peritoneal Fibrosis - Peter Margetts, MD, PhD  
11:10 Water and Solute Transport Characteristics and Ultrafiltration Failure - Raymond J. Krediet, MD, PhD  
11:35 New Insights in Preserving the Peritoneal Membrane - Isaac Telfortbaum, MD  
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 • Room: Grand 7B • M=.75; N=.75  
(PRE REGISTRATION FOR THIS SESSION IS REQUIRED)  
Presider: Michelle Hofmann, BSN, RN, CNN 
Panelists: Maria Luongo, RN, BA, MSN; Preethi Yerram, MD; Karen Wiesen, MS, RD, LDN; Anil Paramesh, MD, FACS  
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 • Room: Grand 8A • M=2.0; N=2.0

*(Pre Registration for this Session is Required)*

Presider: Mary Schira, PhD, RN, ACNP-BC

Panelists: Jeannine Fanina, MSN, RN, CNN, Theresa Mottes, MSN, RN, CPNP-AC; Lesley Dinwiddie, MSN, RN, FNP, CNNe

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. Specific issues to be discussed will include: Advanced education, Abstract Presentation, Preparing to do Professional Presentations and Benefits from Professional Certification.

**Luncheon**

12:15 - 1:00pm • Room: Cypress 2

**Poster Session**

1:00 - 2:00pm • Room: Cypress 2 • M=2.0; N=2.0

Visit the poster presentations while enjoying your dessert. A detailed listing of poster titles and presenters can be found on pages 19-22.

**Exhibit Hall Open**

1:00 - 2:00pm • Room: Cypress 3

**[02I] Heart Failure and Hypertension**

2:00 - 4:00pm • Room: Grand 9-10 • M=2.0; N=2.0

Presider: Kurt Tarwater, MD

2:00 The Role of Extracorporeal Ultrafiltration for Acute Heart Failure - Amir Kazory, MD

2:30 Cardiorenal Rescue Study in Acute Decompensated Heart Failure (CARRESS-HF) - A Nephrocentric Critique - Kunal Malhotra, MD

3:00 Ultrafiltration with Peritoneal Dialysis in Resistant Heart Failure - Gunwant Kaur, MD

3:30 Strategies to Control Hypertension in Peritoneal Dialysis - Joanne Bargman, MD, FRCP

4:00 Break

**[02J] Diabetes Mellitus and Obesity**

2:00 - 4:00pm • Room: St. Louis • M=2.0; N=2.0

Presider: Karen Wiesen, MS, RD, LDN

2:00 Overview: Obesity and Chronic Kidney Disease - Alexander Chang, MD, MS

2:30 Update: Diabetes Management in CKD Patients - Janice Lea, MD, MS

3:00 Health Literacy in Diabetes Care - Kerri Cavanaugh, MD, MHS

3:30 The Role of Bariatric Surgery in CKD/ESRD/Transplant - Alexander Chang, MD, MS

4:00 Break

**[02L] Patient Education III - Top 10 Creative Teaching Strategies for 2018: Be Wise to What’s Up and Coming**

2:00-4:00pm • Room: Grand 4 • M=2.0; N=2.0

Presider: Shirley Farrah, PhD, RN-BC

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 • Room: Grand 11-12 • M=2.0; N=2.0

*(Session to be recorded)*

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.

Presider: Robert Pauly, MD, MSc

Panelists:
- Overview and Code of Ethics - John Agar, MBBS, FRACP, FRCP(Lond)
- Rights and Responsibilities - Nieltje Gedney
- Nursing Considerations - Frances Reintjes, RN, BScN, BScSpec
- Family/Care Partner Perspectives - Denise Eilers, BSN, RN
- Physician and Program Perspective - Michael Kraus, MD

**[02N] Controversies in Peritoneal Dialysis**

2:00 - 4:00pm • Room: Grand 8B • M=2.0; N=2.0

Presider: Raymond Krediet, MD, PhD

2:00 Are Biomarkers Useful in Assessing the Peritoneal Membrane Function? - Joanne Bargman, MD, FRCP

2:25 Kt/V Urea; Does One Size Fit All? - Rajnish Mehrotra, MD, MS

2:50 Insulin Resistance, Obesity and Survival, Is There a Link? - Arsh Jain, MD

3:15 Is Peritoneal Dialysis a Cardiovascular Risk? - Raymond Krediet, MD, PhD

3:40 Q and A

4:00 Break

**[02O] Peritoneal Dialysis in North America - PD: The Future is Here**

2:00 - 4:00pm • Room: Grand 13-14 • M=2.0; N=2.0

Presiders: Jeffrey Perl, MD, SM, FRCP(C); Thomas Golper, MD

2:00 Debate: Biocompatible Peritoneal Dialysis Solutions Will Improve Outcomes for Patients on PD - Pro - Fredric Finkelstein, MD - Con - Peter Blake, MB, FRCP

2:45 Discussion

3:00 Policy Change in the United States: What Does It Mean For Home Dialysis
- Introduction and Overview of Recent Changes - Thomas Golper, MD
- Panel Discussion and Individual Perspectives: Dinesh Chatoth, MD; Mary Gellens; Thomas Golper, MD; Brent Miller, MD; Martin Schreiber, MD

4:00 Break
[02P] Acute Kidney Injury - An Update  
2:00 - 4:00pm • Room: San Antonio • M=2.0; N=2.0  
Presider: Charuhas Thakar, MD  
2:00 The Relationship Between Dialysis Intensity and Urine Volume. What Do We Know? - Finnian R. Mc Cauley, MBBCh, MMSc, FRCP  
2:30 AKI After Cardiac Surgery - Charuhas Thakar, MD  
3:00 Nephro- oncology and AKI - Mitchell Rosner, MD  
3:30 Discussion  
4:00 Break

[02U] Fellows Forum  
2:00 - 5:30pm • Room: Grand 8A • M=3.25; N=3.25  
Presider: Suhail Ahmad, MD  
Judges: Robert Taylor, MD; Pranay Kathuria, MD; Robert Lockridge, Jr., MD  
2:00 Past, Present and Future of Dialysis: Gist is We have a NOBLE Past, CHALLENGING Present but a GLORIOUS Future (if we do things right) - Suhail Ahmad, MD  
2:30 A Puzzling Case of Persistent Hypercalcaemia in a Hemodialysis Patient - Samira Farouk, MD  
2:45 Effect of Intensive Home Hemodialysis on a Patient with Severe Pulmonary Hypertension - Michael Girsbegerm, MD  
3:00 EBV-negative Renal Allograft-limited PTLD at 6 Weeks After Transplantation - Ezizzieen Barjes Ai Rawi, MD  
3:15 A Nephrologist’s Nightmare - Sreelatha Katari, MD  
3:30 Fluid-electrolyte Management During Continuous Renal Replacement Therapy with Elevated Intracranial Pressures and Respiratory Failure - Rafael Rodriguez, MD  
3:45 Successful Arterio-venous Graft Use in a Hemodialysis Patient with Hemophilia - Deepa Amberker, MD  
4:00 Break  
Presider: John Agar, MBBS, FRACP, FRCP (Lond)  
4:15 When Love Hurts. The Unusual Case of Persistent Purrr-iritis - Korschie Dumar, MD  
4:30 Paradoxical Cerebral Embolism on Hemodialysis-An Unusual Phenomenon - Amber Anwar, MD  
4:45 Shiver Me Timbers - A Curious Case of Scurvy in a Young Dialysis Patient - Christine Schneider, MD  
5:00 Neisseria Mucosa Peritonitis in the Setting of Migrated Intraperitoneal Device - Kiran Khan, MD  
5:15 Judges Discussion, Winner Announced  
5:30 Adjourn

[04J] Peritoneal Dialysis in North America: Clinical Challenges  
4:15 - 5:30pm • Room: Grand 13-14 • M=1.25; N=1.25  
Presiders: Jeffrey Perl, MD, SM, FRCP(C); Thomas Golper, MD  
4:15 PD Catheter Dysfunction: From Opinion to Evidence - Mathew Oliver, MD, MHS  
4:40 Glucose and PD: Friends or Foes - Eric Wallace, MD  
5:05 Frailty and Functional Status in PD - Vanita Jassal, MD, PhD  
5:30 Adjourn

[04K] Anemia in Dialysis  
4:15 - 5:30pm • Room: Grand 9-10 • M=1.25; N=1.25  
Presider: Steven Fishbane, MD  
4:15 Novel Options in Anemia Management in HD Patients - Jay Wish, MD  
4:35 Making Sense of Available Iron Agents (Efficacy/Hazards/Costs) - Daniel Coyne, MD  
4:55 Iatrogenic Iron Overload in Dialysis Patients - Steven Fishbane, MD  
5:15 Discussion  
5:30 Adjourn

[04L] Incorporating Economic and Operational Efficiency in a PD Program  
4:15 - 5:30pm • Room: Grand 6 • M=1.25; N=1.25  
Presider: Brent Miller, MD  
Panelists: Julie Williams, BSA; Maria Luongo, RN, BA, MSN  
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: Developing an Individualized Teaching Plan  
4:15 - 5:30pm • Room: Grand 4 • M=1.25; N=1.25  
Presider: Dorothy Craft, RN, CDN  
4:15 Individualizing a Teaching Plan for the PD Patient - Joanna Neumann, RN  
4:45 Individualizing a Teaching Plan for the Home HD Patient - Cheryl Cress, RN, CNN  
5:15 Discussion  
5:30 Adjourn

[04N] Quality Outcomes in Dialysis Patients: Are We Looking at the Right Metrics?  
4:15 - 5:30pm • Room: Grand 8B • M=1.25; N=1.25  
Presider: Leanne Peace, MSW, MHA  
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.  
4:15 Current Quality Measures for Dialysis Patients in the U.S.: Closing the Gaps and Advocating for Measured Improvements - Kerri Cavanaugh, MD, MHS  
4:45 Patient Reported Outcomes: How Patient Experience Can Be Used in Patient Care - Kara Schick-Makaroff, PhD, MN, BScN, RN  
5:15 Discussion  
5:30 Adjourn

[04O] Meet the Pioneers  
4:15 - 5:30pm • Room: St. Louis • M=1.25; N=1.25  
Presider: Bernard Canaud, MD, PhD  
4:15 Charcoal Column Regeneration of CVVHD Fluid to Optimize Clearance of Organic Toxics - Stephen Ash, MD, FACP  
4:45 Experience with Liver Dialysis - Suhail Ahmad, MD  
5:15 Discussion  
5:30 Adjourn

[04S] Meet the Pioneers  
4:15 - 5:30pm • Room: San Antonio • M=1.25; N=1.25  
Presider: Martin Schreiber, MD  
4:15 Energy Expenditure and Effects on BMI in PD Patients - Andrew Davenport, MD  
4:45 Transitioning Modalities and Improving Outcomes - Jeffrey Perl, MD, SM, FRCP(C)  
5:15 Modifiable Risk Factors for PD Outcomes and the Center Effect - Martin Schreiber, MD  
5:30 Adjourn
[08B] What's New in Dialysis?
8:00 - 10:00am • Room: Grand 7B • M=2.0; N=2.0
This Session will cover some of the recent advances in both hemodialysis and peritoneal dialysis in a historical context and consider future research possibilities.
Presenter: Lesley Dinwiddie, MSN, RN, FNP, CNNe
8:00 Emerging Trends in Dialysis - Mark Neumann, BS
8:30 The Wearable Artificial Kidney: The Latest Developments - Victor Gura, MD
9:00 Dialysis Waste to Concrete: Bio-waste Recycling Project - John Agar, MBBS, FRACP, FRCP(Lond)
9:45 Discussion
10:00 Break

[08C] If It Were Me… Leading Staff Engaged in Improving the Patient Experience
8:00 - 10:00am • Room: Grand 8A • M=2.0; N=2.0
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.
Presenter: Leanne Peace, MSW, MHA
8:00 What is ICH-CAHPS and Patient Experience and How It Affects Your QIP - Debbie Cote, MSN, RN, CNN, NE-BC
8:25 What Does It Mean to Engage Patients in Their Care? - Bridgett Pfaff, MS
8:50 What It Means to be Engaged in my Care: Patient Perspective - Anthony Reed
9:00 Real Life Experiences in Engaging Patients and Team Members - Julie Williams, BSA
9:30 Discussion
10:00 Break

[08H] Exercise and Dialysis
8:00 - 10:00am • Room: Grand 9-10 • M=2.0; N=2.0
Presider: Darla Doubet, MN, RN, CNN
8:00 Exercise in the Dialysis Unit: Strategies to Enhance Implementation - Stephanie Thompson, MD
8:45 Intradialytic Laughter Therapy and Resistance Exercise: Simple Interventions to Increase Exercise for People on Dialysis - Paul Bennett, PhD, MHSM, GCPPpStats, RN
9:30 Discussion
10:00 Break

[10N] Special Session: More Frequent Dialysis: Clinical Practice and Prescription
10:15-12:00 • Room: Grand 7B • M=1.75; N=1.75
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.
Presenter: Michael Kraus, MD
10:15 Overview - Michael Kraus, MD
10:35 Therapy Prescription across all Dialysis Modalities - Allan Collins, MD
11:00 Therapy Application for More Frequent HD - Natalie Borman, MBBCh, MD, MRCP
11:25 Panel Discussion: Medicare Administrative Contractors (MACs) VS. Clinical Practice - Panelists: Brent Miller, MD; Allan Collins, MD; John Daugirdas, MD
12:00 Adjourn

[10M] Plenary Session: Join the Fight to Eradicate Preventable Infections
10:15am - 12:00pm • Room: Grand 8A • M=1.75; N=1.75
Presented in Cooperation with the CDC Making Dialysis Safer Coalition and ASN Nephrologists Transforming Dialysis Safety (NTDS)
Presider: Debbie Cote, MSN, RN, CNN, NE-BC
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.
10:15 Making Dialysis Safer for Patients - Priti Patel, MD, MPH
11:00 Team Leadership… There is an "I" in it - Leslie P. Wong, MD, MBA
11:45 Discussion
12:00 Adjourn
Symposium on Pediatric Dialysis

**SUNDAY, MARCH 4 • DAY 1**

[100] Session I - Hot Topics I
10:45am – 12:00 pm • Room: Grand 7 • M=1.25; N=1.25
Presider: Alicia Neu, MD
10:45  HD v. Hemodialfiltration for Pediatric Patients - Franz Schaefer, MD
11:10  The Role of Simulations in Dialysis Care - Maury Pinsk, MD
11:35  The Patient Perspective - Allison Tong, MPH, PhD
12:00  Lunch (Provided)

[10P] Nutrition Symposium I
10:45am – 12:00pm • Room: Grand 1 • M=1.25; N=1.25
Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
Energy and Micronutrient Needs in CKD and Dialysis - Caroline Anderson, BSc, RD, PhD

Session II – Pediatric Breakout Luncheons (Pick up box lunches – Provided)
12:00 – 1:00pm
• [12E] Fellows Luncheon and Dialysis Competency Exam
  Room: Grand 1 • M=0.75; N=0.75
  Presider: John Mahan, MD
• [12F] Pediatric MDs (who are not fellows) Luncheon
  Room: Grand 2 • M=0.75; N=0.75
• [12G] Pediatric Nursing/Dietitian Luncheon
  Room: Grand 7 • M=0.75; N=0.75
  Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
  - MBD Meds - Moustafa Moustafa, MD
  - The Dietitian’s Perspective - Leah Oladitan, RDN, LD

[01B] Faculty Guided Tours of the Pediatric Posters
1:00 – 2:00pm • Room: Cypress 3 • M=1.0; N=1.0

[02Q] Session III
2:00 – 4:00pm • Room: Grand 7 • M=2.0; N=2.0
Infection Prevention in the Dialysis Unit - What Physicians and Nurses Need to Know
Presider: Jessica Geer, MSN, C-PNP, CNN-NP
2:00  Leadership and Its Role in Infection Prevention - Leslie Wong, MD, MBA
2:30  Antibiotic Stewardship and Its Role in Dialysis - Jason Newland, MD, MEd
3:00  What Can Be Done on the Front Lines? - Bridget Pfaff, MS

Awarded Best Pediatric Abstracts
3:30  Best Abstract #1: Ultrafiltration Rate Greater than 13 ml/kg/hr is Associated with Decrease in Central Venous Oxygen Saturation Levels in Pediatric Hemodialysis Patients - Jessica Geer, MSN, C-PNP, CNN-NP
3:45  Best Abstract #2: Continuous Renal Replacement Therapy in Neonates and Small Infants: Data from the Carpediem* Retrospective Registry - Enrico Vidal, MD, PhD

[02R] Nutrition Symposium II
2:00 - 3:00pm • Room: Grand 1 • M=1.0; N=1.0
Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
Review of Recent Research and Practical Applications for Nutrition Care - Chris Nelms, MS, RD

Break • 4:00 - 4:15pm
[04P] Session IV
4:15 – 5:30pm • Room: Grand 7 • M=1.25; N=1.25
Success Stories: Worldwide Reports from Pediatric ESRD Registries and Collaborative Studies
Presider: Alicia Neu, MD
4:15  NAPRTCS - Annabelle Chua, MD
4:30  IPDN - Bradley Warady, MD
4:45  ESPN/ERA-EDTA Registry - Jaap Groothoff, MD
5:00  SCOPE - Christine Sethna, MD, EdM
5:15  CKiD - Meredith Atkinson, MD, MHS
5:30  Adjourn

**MONDAY, MARCH 5 • DAY 2**

[08E] Session I - Transitions
8:00 – 10:30am • Room: Grand 7 • M=2.5; N=2.5
Presiders: Annabelle Chua, MD; Helen Currier, MA, BSN, RN, CENP, CNN
8:00  CKD to Dialysis: Lessons from CKid - Bradley Warady, MD
8:35  The Spectrum of Lived Experience - Allison Tong, MPH, PhD
9:10  What is the Next Step? - Cortney Taylor, PhD
9:45  Discussion
10:00  Best Abstract #3: Good Outcomes for Arteriovenous Fistulas in Pediatric Chronic Hemodialysis Patients - Brittany Garza, BS
10:15  Best Abstract #4: The First-hour Refill Index: A Promising Marker of Volume Overload in Children and Young Adults on Chronic Hemodialysis - Fabio Paglialonga, MS
10:30  Break

Break • 10:30 - 10:45am

[100] Session II
10:45am – 12:00pm • Room: Grand 7 • M=1.25; N=1.25
Using Technology to Optimize Dialysis Care
Presiders: Steven Alexander, MD; Barbara Cometti, BA, BSN, RN, CNN
10:45  Clinical Applications of Telehealth in the Dialysis Program - Eric Wallace, MD
11:10  Remote Monitoring - Lynsey Stronach, MSc, BSc
11:35  Websites and APP’s: New Tools for Dialysis Providers and Patients - Maury Pinsk, MD
12:00 Lunch (Provided)

[10R] Nutrition Symposium III
10:45am – 11:45am • Room: Grand 1 • M=1.0; N=1.0
Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
Releasing Growth Potential in CKD and Dialysis - Pearl Pugh, MA, PG, Dip Diet, SRD, BSc(Hons)

Session III – Pediatric Breakout Luncheons (Pick up box lunches – Provided)
12:00 – 1:00pm
• [12H] US MDs Luncheon: Billing for Pediatric Dialysis
  Room: Grand 3 • M=1.0; N=1.0
  Presiders: Mark Joseph, MD; Eileen Brewer, MD
• [12I] Nursing Luncheon: Facilitated Discussion on Best Practices
  Room: Grand 7 • M=1.0; N=1.0
  Presider: Helen Currier, MA, BSN, RN, CENP, CNN
• [12J] NP Luncheon
  Room: Grand 2 • M=1.0; N=1.0
  Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
  - The Role of the Pediatric Nurse Practitioner in Quality and Safety
    Colleen Klosterman, APRN C-PNP
• [12K] Pediatric Nutrition Luncheon
  Room: Grand 1 • M=1.0; N=1.0
  Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
  - Nutrition Hot Topic: Boning Up on New MBD Guidelines
    Elisha Pavlick, RD, CSP, LDN

[01D] Faculty Guided Tours of the Pediatric Posters
1:00 – 2:00pm • Room: Cypress 3 • M=1.0; N=1.0

[02S] Session IV
2:00 – 4:00pm • Room: Grand 7 • M=2.0; N=2.0
2:00 Best Abstract #5: The Pharmacokinetics of Ferric Pyrophosphate Citrate in Pediatric CKD-5HD Patients: Implications for Dosing
  Carrie Guss, MSBA, RDN
2:15 Best Abstract #6: Impact of Hemodiafiltration on Nutritional Markers in Children Receiving Chronic Renal Replacement Therapy
  Katie Sullivan, MD
2:30 Ethical Issues in the Pediatric Dialysis Program – Case Studies
  Panelists: Bradley Warady, MD; Amy Nau, MSN, RN, MBA, CNN; Jessica Geer, MSN, C-PNP, CNN-NP; Theresa Mottes, MSN, RN, CPNP-AC, CDN
4:00 Adjourn

[02T] Nutrition Symposium IV
Intercontinental Practice Variation: Panel Discussion
2:00 – 4:00pm • Room: Grand 1 • M=2.0; N=2.0
Presiders: Nonnie Polderman, RD; Rosanne Woloschuk, RD
Panel Discussion: Intercontinental Practice Variation - Pearl Pugh, MA, PG, Dip Diet, SRD, BSc(Hons)

EXHIBIT HALL HOURS

Saturday, March 3
6:00 - 7:30pm Reception
Sunday, March 4
7:00 - 9:00am Breakfast
12:30-2:00pm Lunch
5:30 - 7:00pm
Monday, March 5
7:00 - 9:00am Breakfast
12:30-2:00pm Lunch
5:00-6:30pm

BE SURE TO PLAY our Exhibit Hall Game- visit every booth in the exhibit hall, collect a signature, then turn your game sheet in for a raffle drawing!
(4 drawings to be held)
Posters are arranged in topic sections and then listed alphabetically by author’s last name.

ACCESS
1. Needle Cannulation Using Dual Axis Echography to the Hemodialysis Fistula - Kazuya Honda, MD
2. Better Healing of the Exit Site by Negative Pressure Wound Therapy - Taketumi Mori, MD, PhD
3. How Do Stents in the Central Vein Affect AV Fistula? - Tomonari Ogawa, MD, PhD
4. Saving of the Peritoneal Catheter in Immunodepressed Patients with Severe Complication of Subcutaneous Tunnel - Fulvio Antonio Sammartino, MD

CALCIUM, PHOSPHORUS, BONE
6. Serum Phosphorus and Phosphate Binder Pill per Day in Home Hemodialysis Patients Prescribed Sucroferrix Oxhydroxide - Linda Ficociello, Dsc
7. Who Is the Real Culprit? Acidosis or Hyperparathyroidesism. Bilateral Achilles Tendon Spontaneous Rupture in Hemodialysis Patient. First Case from Qatar - Safiullah Khan, MD
8. Association Between the Number of Medical Doctors and Full-time Dietitians in Dialysis Units and Regional Differences in Achieving CKD-MBD Guideline Targets for Chronic Dialysis Patients - Satoshi Ogata, MD

CLINICAL EXPERIENCES
10. Intradialytic Meditation: A Feasibility Pilot Study - Paul N. Bennett, RN
11. Palliative Care Utilization in Patients Discontinuing Hemodialysis - Joy C.Y. Chen, MD
12. Severe Respiratory Alkalosis, Severe Metabolic Alkalosis, and Severe Metabolic Acidosis in a Maintenance Hemodialysis Patient - Daramee Chewaproong, DO
13. Changing the PD Prescription Landscape - Cheryl Cress, RN
15. Is An Urgent Start Program A Sustainable Model For Initiating Peritoneal Dialysis? - Tammy Davis, RN
16. Incidence of Acute Kidney Injury in the Patients Undergoing Percutaneous Coronary Intervention (PCI) - Zorica Dimitrijevic, MD, PhD
17. Intradialytic Blood Pressure Fall Can Predict Long-term Mortality in MHD Patients - Xiao-qiang Ding, PhD
18. P-cresyl Sulfate is Associated with Long-term Prognosis of Hemodialysis Patients - Xiaoqiang Ding, MD
19. Percutaneous Balloon Dilatation in Central Venous Stenosis of Hemodialysis Patients - Xiaoqiang Ding, MD
20. Implementation of Advance Care Planning in Renal Setting: Our Experience - Fredric Doss, MHSc
22. Effect of Intra Venous Ascorbic Acid On Hepatic Iron Overload in Prevalent Hemodialysis Patients With Hepatitis C - Magdy ElSharkawy, MD, PhD
23. Readmissions Following a Hospitalization for Cardiovascular Events in Dialysis Patients - David Gibbertson, PhD
24. COMPare-HDF: Comparing the Effect of Mixed and Post Dilution Hemodiafiltration (HDF) On Transmembrane Pressure and Hemodialysis Circuit Clotting - Angela Henson, MN, RN
25. Frequency and Significance of Elevated Reverse T3 in Prevalent Hemodialysis Patients - Mohamed Ibrahim, MD, PhD
26. Relation of Carotid Doppler Intima / Media Thickness And Atherosclerotic Index To Cognitive Function Impairment In Prevalent Hemodialysis Patients and Atheroscl - Mohamed Ibrahim, MD, PhD
27. Experience On Managing Adult CAPD Patients in Bangladesh - MM Iqbal, MBBS, MD
28. Primary Appraisal of Intradialytic Events and Stress Towards Hemodialysis - Sharona Johnson, PhD, FNP-BC
29. Nonhealing Wound and Calciphyaxis in Hemodialysis Patients. Multiple Cases from Qatar. (Treated with Multi-interventional Strategy) - Safiullah Khan, MD
30. Paget’s Disease of Bone: An Unusual Presenation of Hypercalcemia in a Hemodialysis Patient - Myra A. Kleinpeter, MD, MPH
31. Diaster Management for Dialysis Patients: What Have We Learned (or not Learned) Since Hurricane Katrina and the 2005 Atlantic Hurricane Season - Myra A. Kleinpeter, MD, MPH
32. A Case of Mistaken Identity: Renal Recovery Despite Delay in Treatment of Granulomatosis with Polyangiitis - Rachel Lacy, MD
33. The Accuracy of a Newly-introduced Oscillometric Device in Estimation of Arterial Stiffness Indices Among Patients On Peritoneal Dialysis: a Preliminary Validation Study - Vassilios Liakopoulos, MD, PhD
34. Introduction of Peritoneal Dialysis in Patients with Massive Ascites - Kohkichi Morimoto, MD, PhD
35. Home Therapy Dialysis Post Parathyroidectomy Management - Karen Morris, RD, LD
36. Crescentic Glomerulonephritis Occurring with Renal Amyloidosis Caused by Rheumatoid Arthritis: A Case Report - Taketumi Nakashima, MD
37. Benefit of Hybrid Therapy with Hemodialysis and Peritoneal Dialysis as an Initiation Step for Chronic Hemodialysis Therapy - Ikuko Oba-Yabana, MD, PhD
38. The Change of Peritoneal Equilibration Test in Peritoneal Dialysis Patients - Daisuke Oishi, MD
39. Changes in the Indications of Tunneled Cuffed Catheter Use in Hemodialysis Patients: A Single-Center Experience - Takeshi Okamoto, MD
40. The Utility of Intravenous Decongestive Diuresis in Type 1 Acute Cardiorenal Syndrome: Accelerated Rising Pro B Naturetic Peptide At Presentation Is a Prognosticator for Good Renal Outcomes - Macaulay Onuigbo, MD, MSc, MBA
41. Assessment and Outcome of Peritoneal Dialysis Patient Using Two Bags of Intraperitoneal Nutrition Leading to Successful Renal Transplant - Stephanie Paul, RN
42. Optimization of Peritoneal Dialysis Program in Our Hospital - Dejan Pilcevic, MD
43. With Iron Overload from Multiple Transfusions - Athanasios Roumeliotis, MD
44. Effect of Probiotics on Serum Indoxyl Sulphate in Haemodialysis Patients - Iman Sarhan, MD
45. Majnun and the Physician: Can we still do that? - Rachel Lacy, MD
Kidney Bucks Program: Incentivizing Compliance in Pediatric Dialysis Patients - Antoinette Thomas, RN, BSN, MBA, CPN

16 Year Old Male with a History of FSGS - Jason Thomas, MD

Clot or Not? - Sony Tan, MD

Comparison of Conventional Hemodialysis vs. Hemodiafiltration on Anemia and Dose of Erythropoietin-stimulating Agents in a Prospective Cohort Study - Emma Ulrich, MD

Hyperphosphatemia in a Young Child on Hemodialysis - Heather Wasik, MD

Single-Center Experience and Outcomes for Neonates Less than 3kg Initiating Peritoneal Dialysis - Cynthia Wong, MD

Dry Beriberi in a Pediatric Dialysis Patient - Hailey Woollen, MD
**Important Information**

**ACCREDITATION**

**Physicians**
The Office of Continuing Education, School of Medicine, University of Missouri is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Office of Continuing Education, School of Medicine, University of Missouri designates these live educational activities, based on the preliminary agenda, the following hours of *AMA PRA Category 1 Credit(s)™*:

- 38th Annual Dialysis Conference (March 4-6) up to 22.75 hours
- Peritoneal Dialysis (March 3) up to 8.75 hours
- The Fundamentals of Dialysis in Children (March 3) up to 8.25 hours
- Fundamentals of Extracorporeal Therapy (March 3) up to 7.0 hours
- Home Hemodialysis Symposium (March 3) up to 8.25 hours
- Technician Program (March 4) up to 7.91 hours

Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Nurses**
The University of Missouri Sinclair School of Nursing is an approved provider of continuing education by the Midwest Multistate Division, an accredited approver by the American Nurses’ Credentialing Center’s Commission on Accreditation. Midwest Multistate Division Provider Number MO 1019:7. This approval is reciprocal in all states and for all specialty organizations that recognize the ANCC approval process. Contact Hours will be awarded for the following offerings, based on the preliminary agenda:

- 38th Annual Dialysis Conference (March 4-6) up to 22.75 hours
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- Home Hemodialysis Symposium (March 3) up to 8.08 hours
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**Social Workers**
To receive Social Work CEU’s, please stop by the registration desk to pick up the breakdown of available credits.

The University of Missouri, School of Social Work has approved social work credits for the following offerings:

- 38th Annual Dialysis Conference (March 4-6) up to 17.25 hours (1.725 CEU’s)
- Peritoneal Dialysis (March 3) up to 8.5 hours (.85 CEU’s)
- The Fundamentals of Dialysis in Children (March 3) up to 8.25 hours (.825 CEU’s)
- Fundamentals of Extracorporeal Therapy (March 3) up to 7.0 hours (.7 CEU’s)
- Home Hemodialysis Symposium (March 3) up to 8.0 hours (.8 CEU’s)

**Dietitians**
Dietitians can receive CPEU’s for this meeting from the Commission on Dietetic Registration. CPEU’s are based on 1 credit hour attended. They must keep a copy of the final program and conference certificate in their portfolio.

**Certificates:**
A certificate of attendance can be downloaded and printed at the time you complete your online evaluation.

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**EXHIBIT HALL HOURS**

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One of Bill’s greatest memories is teaching his son to fish, but spending three days a week traveling to the clinic for dialysis would keep him away from the pier. So he asked his doctor and chose home peritoneal dialysis empowered by Baxter. With Baxter’s comprehensive products, training and support, Bill can carry on the tradition with his grandson.

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One of Bill's greatest memories is teaching his son to fish, but spending three days a week traveling to the clinic for dialysis would keep him away from the pier. So he asked his doctor and chose home peritoneal dialysis empowered by Baxter. With Baxter's comprehensive products, training and support, Bill can carry on the tradition with his grandson. Baxter Empowers.

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The ACCME standards require that organizations providing financial support may not determine the content of the conference.

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