



Annual Dialysis Conference

presented by the *University of Missouri Division of Nephrology*



Photo courtesy Long Beach Convention & Visitors Bureau



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.

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

SEE INSIDE FOR CONFERENCE DETAILS AND TO REGISTER!

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Ramesh Khanna, MD

Hemodialysis Chair

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

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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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Bradley Warady, MD, Professor of Pediatrics, Children's Mercy Hospital and Clinics, Kansas City, Missouri

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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)



Leading
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iSHD



BONENT Board of Nephrology Examiners Nursing and Technology
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**For more information on our listed endorsers, please visit
our website annualdialysisconference.org**



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presented by the *University of Missouri Division of Nephrology*

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.

The Conference will be held Sunday, March 12 through Tuesday, March 14, 2017, with pre-conference sessions on Saturday, March 11, at the Long Beach Convention & Entertainment Center in Long Beach, California (300 E. Ocean Blvd., Long Beach, CA 90802)

Sessions are subject to change — please refer to the program found on our website for the most up to date information when registering.

www.annualdialysisconference.org

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Extension

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.

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A Comprehensive Course in Hemodialysis

8:00 Introduction - Madhukar Misra, MD

Session 1 • Delivering Safe HD: What Do You Need to Know (Machine and Patient Issues)

Chair: Madhukar Misra, MD

- 8:05 Hemodialysis Rounds with an Attending Physician - Andrew Davenport, MD
This talk will highlight the importance of key focus areas when rounding on chronic HD patients in a dialysis unit. The audience will get an experienced nephrologist's view point on patient and machine related parameters one needs to assess while rounding on these patients. These clinical pearls will cover a range from clinical and technical observation.
- 8:45 Q&A
- 9:00 Dialyzer and Machine Related Complications: Pathogenesis, Prevention and Treatment
Suhail Ahmad, MD
Air embolism, complications of wrong dialysis solution composition; reactions to dialyzers, sterilants and other chemicals (e.g, perfluorohydrocarbon)
- 9:45 Q & A
- 10:00 Break
- 10:15 Water Treatment in HD: Case Studies
Klemens Meyer, MD
Importance of water quality and standards; contaminants: inorganic, organic, microorganisms; general classes of water treatment: particulate filters, softeners and deionizers, activated charcoal filters, reverse osmosis; latest AAMI standards, water quality monitoring, pipe-loop distribution, sanitizing the system; ultrapure dialysate.

- 11:00 Q&A
- 11:10 Hypertension Management in HD Patients
Rajiv Agarwal, MD
Hypertension is widely prevalent in the HD population. This talk will deal with various aspects of managing hypertension in these patients including diagnosis of hypertension, achieving an ideal target weight (including the role of newer technologies), intradialytic hypertension, intradialytic hypotension, role of dialysis session length, frequency and antihypertensive drugs in controlling hypertension etc.

- 11:50 Q&A
- 12:00 Lunch

Session II • Volume, Anemia and Access

Chair: Klemens Meyer

- 1:00 Clinical Pearls for Volume Control in Maintenance HD (in center) - John Agar, MD, BS, FRACP, FRCP(Lond)
How to achieve dry weight and maintain it, impact of ultrafiltration rate, impact of frequency and length of dialysis, how to limit inter-dialytic weight gain; influence of dialysis time on complications: intradialytic hypotension, intradialytic hypertension, muscle cramps, nausea & vomiting, headache.
- 1:45 Q&A
- 2:00 Anemia Management in Hemodialysis: A Practical and Evidence Based Approach - Klemens Meyer
Management of anemia in maintenance HD is complex. Besides making sense of available evidence and various guidelines, the practitioner has to be conversant with several other variables. These include complexities involved in the management of Iron balance, administration of ESAs as well as avoiding transfusions. All this has to be done in a rigorous environment of cost containment. This talk will drill down all these aspects to basics from the perspective of an experienced nephrologist.

- 2:45 Q&A
- 3:00 Creation and Results with AV Fistula
Surendra Shenoy, MD, PhD
Preservation of veins, presurgical evaluation (physical, ultrasound, arteriography), veins suitable for fistula, surgical technique (side to side, end to end or side to end anastomosis), vein superficialization, fistula maturation, fistula complications (stenosis, steal syndrome, aneurysm, high output failure), fistula results.
- 3:45 Q&A

Clinical Pearls in Home HD - Brent Miller, MD

- 4:00 Dialysis Time vs Frequency vs Dialysate Volume: What, How and Where?
- 4:20 Which Prescription Is Best for What Type of Patient?
- 4:35 Who Is an Appropriate vs Ideal Home Hemodialysis Patient
- 4:45 How to Prevent and Treat Home Vascular Access Problems
- 5:00 How to Manage a Large Home Hemodialysis Program
- 5:10 Are Economics Dictating Home Hemodialysis Practice and Impeding Innovation?
- 5:25 Adjourn

Home Hemodialysis Symposium

*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.

7:50 Welcome and Announcements
Leonor Ponferrada, BSN, RN, CNN;
Christopher Chan, MD

Session 1

Presider: Christopher Chan, MD

8:00 Keynote: Changing Lives and Making a Difference: "Home Hemodialysis Stories"
Brigitte Schiller, MD, FACP, FASN
HHD has re-emerged in the past 10 years in the US but remains the exception among the ESRD population despite the medical benefits demonstrated in many studies. While these perceived barriers and challenges limit adoption of this modality in the US, a dilemma arises in our efforts to provide patients with a therapy that allows them to live a life as normal as possible with dialysis. The presentation will explore the opportunity for physicians and all care providers to achieve the moral compass of medicine with HHD therapy: changing lives and making a difference. Stories are utilized to demonstrate that HHD patients are not the exception, but people like us – eager to live the lives they were meant to live!

- 8:45 The Role of the Medical Director: Clinical and Economic Impact on the Home Hemodialysis Program - **Brent Miller, MD**
This presentation will focus on the scope of responsibilities of the Medical Director of a dialysis facility as indicated by CMS's Conditions of Coverage, responsibilities toward the Home Dialysis Program and the impact this position has on patient care outcomes and financial stability of the program.
- 9:30 Practical Strategies in Managing the Home HD Patient - **Joel Glickman, MD**
One of the major goals of managing home hemodialysis patients is to make sure they receive as good, if not better, care than in-center hemodialysis patients. This presentation emphasizes the role of the home dialysis team to make sure patients receive quality care and presents methods to help the team achieve those goals. Topics will include how to effectively implement a treatment plan, managing vascular access in the home, preventing and managing infections, and balancing the benefits and burdens of home hemodialysis.
- 10:15 Discussion
- 10:30 Break

Session 2 • Quality Monitoring – Are We Looking at the Right Measures?

In the US, CMS established the ESRD QIP designed to provide better patient care for ESRD patients. CMS makes the rules that specify the measures, methodologies and payment structures based on these measures. There is a need for quality monitoring for HHD, but are these the right quality measures for this patient population? The following presentations will address quality monitoring in home HD programs.

Presider: Michelle Carver, BSN, RN, CNN

- 10:40 Multi-dimensional Measure of Optimal Dialysis
Christopher Chan, MD
- 11:10 Patient Experience of Care - **Michelle Richardson, PharmD**
- 11:40 Technique Failure: What Are the Health Care Provider Roles and Responsibilities for the Declining Patient? - **Robert Pauly, MD, MSc, FRCPC**
- 12:15 Lunch

Sessions 3 and 4 will provide the attendees an opportunity for an interactive discussion and to ask questions from a panel of experts about home hemodialysis therapy-related issues that are not covered in any of the presentations in today's program. **Please pick up your box lunch and proceed to the designated rooms.**

Session 3 • Physician Luncheon Break-out Session:

Ask Your Consultant

12:30-1:15pm

Moderator: Christopher Chan, MD

Panelists: Robert Pauly, MD, MSc, FRCPC; Brent Miller, MD; Joel Glickman, MD; Andreas Pierratos, MD

Session 4 • Nurse Luncheon Break-out Session:

Ask Your Colleagues

12:30 - 1:15

Moderator: Lisa Koester, MSN, RN

Panelists: Debbie Allen, BSN, RN, CNN; Paul Bennett, PhD, MHSM, GCAAppStats, RN; Jack Tomlin, III, BSDH, BS; Dori Schatell, MS

Session 5

Presider: Brent Miller, MD

- 1:30 My Life, My Dialysis Choice: A Tool for Matching Treatment Options to Lifestyle - **Dori Schatell, MS**
- 1:50 Models of Nursing Care and Patient Education
- Primary Care/Case Management
Lisa Koester, MSN, RN
 - Hub and Spoke Model - **Debbie Allen, BSN, RN, CNN**
- Most Home Hemodialysis Programs start small; some are independent while others are integrated with the home Peritoneal Dialysis Program. Many programs struggle with how to allocate nursing time and services especially as programs start to grow. These presentations will provide insights from personal experiences working in a home dialysis program over time.*

- 2:30 Supporting the Psychosocial Needs of the Patient on Home Therapy - *Paul Bennett, PhD, MHSM, GAppStats, RN*
When patients commence HD at home, unique psychosocial issues related to patient and care partner burden can reduce home therapy retention rates. Proactive professional support, peer support, respite care, travel support, and financial support from the home HD health care team must be a priority for patient care. This presentation will provide a guide for home HD programs in dealing with psychosocial issues that may surface during a patient's experience with Home HD therapy.
- 3:00 Discussion
- 3:10 Break

Session 6 • Provocative Clinical Questions

President: Robert S. Lockridge, Jr., MD

- 3:20 What is the Optimal Frequency for Home HD and Who Should Do Nocturnal Dialysis?
Andreas Pierratos, MD
- 3:50 Is There a Role for Staff Assisted Home Dialysis?
 • US Experience - *Debbie Allen, BSN, RN, CNN*
 • Canadian Model - *Andreas Pierratos, MD*
- 4:30 New Home HD Technology: Does It Matter?
John Agar, MD, BS, FRACP, FRCP(Lond)
- 5:00 Discussion
- 5:15 Adjourn

Peritoneal Dialysis Management: Clinical Aspects

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.

7:55 Welcome - Preethi Yerram, MD, MS, FASN

Session 1

President: Preethi Yerram, MD, MS, FASN

- 8:00 Keynote: The Fate of Peritoneal Dialysis: Will Alternative Payments Mean an Alternative Future?
Leslie Wong, MD, MBA
Join Dr. Wong, one of the noted nephrologists in the US in his keynote presentation which will include a review of the growth and state of PD since the bundle, examine PD's vulnerabilities and barriers to success, and explore how MACRA/MIPS and alternative payment models for ESRD may affect the future of PD.
- 8:45 PD Prescriptions: What the PD Practitioner Needs to Know - *Anjali Saxena, MD*
This presentation will include descriptions of the different PD modalities including CAPD, CCPD and Hybrid PD therapies; differences in prescription, and indications and benefits of each.
- 9:45 Discussion
- 10:00 Break

Session 2 • Managing Complications

President: Kunal Chaudhary, MD

- 10:15 Managing PD Infections: From the Guidelines and Beyond - *Anjay Rastogi, MD, PhD*
- 11:00 Simultaneous PD Catheter Replacement for Infectious and Mechanical Complications
John Crabtree, MD
- 11:45 Discussion
- 12:00 Lunch

Session 3 • Quiz the Experts

Moderator: Anjay Rastogi, MD, PhD

Panelists: Leslie Wong, MD, MBA; Maria Luongo MSN, RN, John Crabtree, 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. Please pick up your box lunch and proceed to the designated room.

Session 4 • Patient Care and Management

President: Maria Luongo, MSN, RN

- 1:15 Patient Care Models: Benefits and Barriers Primary Care Model - *Mildred Greenway, RN*
 Staffing and Training for Growth - *Donna Tierney, BSc, RN, CPDN*
- 1:55 Remote Technology: Does It Promote Better Patient Outcomes? - *Patricia Herzog, RN*
- 2:25 Health Literacy: Is it a Barrier to Self-Management
Kerri Cavanaugh, MD, MHS
- 3:05 Discussion
- 3:15 Break

Session 5 • Hot Topics

President: Ramesh Khanna, MD

- 3:30 Membrane Failure: Is there a "Solution"?
Jeffrey Perl, MD
- 4:00 When a Patient Fails to Thrive: What is the Next Step? - *Matthew Oliver, MD*
- 4:30 Home Dialysis in Minority Communities
Jose Morfin, MD
- 5:00 Discussion
- 5:15 Adjourn

THE FUNDAMENTALS OF DIALYSIS IN CHILDREN

7:55 Welcome - Steven Alexander, MD

Session I

8:00-10:00am

**Presider: Helen Currier, BSN, RN, CNN, CENP;
Bradley Warady, MD**

- 8:00 Peritoneal & Vascular Access - *Mary Brandt, MD*
- 8:40 Physiology of Blood Purification (Dialysis and Apheresis) - *Jordan Symons, MD*
- 9:10 PD Prescription and Adequacy Monitoring
Christine Sethna, MD
- 9:40 HD Prescription and Adequacy Monitoring
Stuart Goldstein, MD
- 10:10 Break

Session II

10:20am - 12:20pm

Presider: Franz Schaefer, MD; Nonnie Polderman, RD

- 10:20 Pediatric Dialysis Nutrition Guidelines
Rosanne Woloschuk, RD
- 11:00 Growth and Recombinant Human Growth
Hormone Therapy - *Annabelle Chua, MD*
- 11:40 Renal Bone Disease - *Justine Bacchetta, MD, PhD*
- 12:20 Lunch (provided)

Nursing Breakout Session 1

10:20am - 12:20pm

Presider: Theresa Mottes, RN

- Basic Disaster Planning for Pediatric Facilities
Glenda Harbert, AND, RN, CPHQ
- EBP Nursing: PD Access - *JoLynn Grimes, RN, BSN*
- EBP Nursing: HD Access - *Jessica Geer, C-PNP, CNN-NP*

Session III • Luncheon Sessions

Fellows Case Conference – Stump the Consultants

12:30 - 2:00 pm

Moderator: John Mahan, MD

**Consultants: Stuart Goldstein, MD; Jack Moncrief, MD;
Mark Joseph, MD; Thomas Golper, MD; Daljit Hothi,
MBBS, MD; Claus Schmitt, MD; Jordan Symons, MD**

Cases Presented by:

*Daniella Levy, MD (Children's Hospital of Philadelphia);
Issa Alhamoud, MD (Southwestern Medical Center);
Adivi Dokras, MD (University of UCLA Medical Center)*

Nursing Breakout

12:30 - 2:00 pm

Presider: Amy Nau, RN

FSGS - Eileen Brewer, MD

Pediatric Dieticians' Breakout

12:15 - 2:00 pm

Presiders: Rosanne Woloschuk, RD;

Nonnie Polderman, RD

Case Study 1 - Rayana Levitt, RD

Case Study 2 - Esther Berenhaut, RD, CSP, CSR

2:00 Break

Session IV

2:10 - 3:30pm

Presiders: Theresa Mottes, RN; Steven Alexander, MD

- 2:10 Renal Anemia - The Basics - *Peter Yorgin, MD*
- 2:50 Major Infectious Complications - *Alicia Neu, MD*
- 3:30 Break

Session V

3:40 - 5:00pm

Presiders: Alicia Neu, MD; Jessica Geer, C-PNP, CNN-NP

- 3:40 Cardiovascular Complications - *Daljit Hothi, MBBS, MD*
- 4:20 Acute Kidney Injury/CRRT: The Basics
Scott Sutherland, MD

5:00 Adjourn

ADC Technician Symposium

Presented in Cooperation with the Chumash and Surfside ANNA Chapters

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.

8:15 Welcome - Leonor Ponferrada, BSN, RN, CNN;
Sandra Corrigan, MSN, FNP-BC, CNN;
Elaine Go, MSN, CNN-NP

Session 1

Presider: Elaine Go, MSN, CNN-NP

8:30 Life Plan for the Patient with End Stage Kidney Disease - Dori Schatell, MS

9:00 Panel Discussion, A Day in the Life of:

- A Successful Kidney Transplant Recipient
Sam Trevino
- A Patient on PD - Robin Brunner, BS
- A Patient on Home Hemodialysis
Jack Tomlin III, BSDH, BS

Do you know if your patients have been presented with all their treatment options after diagnosis with chronic kidney disease? Have they had the opportunity to ask questions about their life plan? This session will provide an overview of the different options available to the patient with end-stage kidney disease. The presentation will help you understand the difficult decisions patients face when choosing a life plan that might include conservative management, in-center hemodialysis, home dialysis (PD or Home HD) or Kidney Transplantation. Panel members will give you their perspectives how it is like to live with kidney disease on different treatment modalities.

10:00 Break and Exhibits

Session 2 • Barbara Prowant Lectureship:

Nursing Keynote

Presider: Leonor Ponferrada, BSN, RN, CNN;

Shirley Farrah, PhD, RN-BC

10:45 The Impact of Patient and Staff Experience and Engagement on Outcomes: What is the Evidence? - Christina Dempsey, MSN, MBA, CNOR, CENP, FAAN

Emerging data and cross domain analytics demonstrate what many in healthcare have thought for decades; there is an inextricable link between caregiver engagement, patient experience, and clinical outcomes. Acknowledging that a focus on the totality of the patient experience – clinical, operational, cultural, and behavioral – encompassing clinical quality and safety, will provide the shared purpose and meaning that moves us closer to optimal patient outcomes.

Session 3 • Luncheon Presentation

Presider: Danilo Concepcion, CBNT, CCHT-A, FNKF

12:15 Survival Guide for the Dialysis Technician

(Your Inspiration) - Sam Trevino
Sam Trevino is a long term ESRD patient who has had a successful kidney transplant. Until recently, he taught high school for a number of years and loved every minute of it. These days, using his expertise as a teacher, he spends time sharing his experiences as a patient to provide his perspectives of patients' expectations from caregivers: what they do, what they go through when things go well and when things do not go well and emphasizing why it is important to develop an effective communication between patient and caregiver and with the healthcare team. In addition to a bit of humor to help with your digestion, this presentation will provide you with practical tools to apply and help you become more effective in the workplace.

1:00 Exhibits and Posters

Visit the poster presentations on your own or join one of the nursing faculty guided tours. Check schedule at the entrance to the poster presentations.

Session 4

Presider: Glenda Payne, MS, RN, CNN

2:00 Practical Aspects of Hemodialysis

Danilo Concepcion, CBNT, CCHT-A, 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 place the patient at harm.

2:45 Managing Intradialytic Hypotension (IDH)

Sandra Corrigan, MSN, FNP-BC, CNN
IDH occurs frequently in patients on hemodialysis. This presentation will help you understand why it happens, how to recognize it early and provide you with strategies to implement to decrease its occurrence in the workplace.

3:30 Break

Session 5

Presider: Sandra Corrigan, MSN, FNP-BC, CNN

3:45 Vascular Access: Avoiding Infiltrations

Forest Rawls, CHT, CCHT-A, FNKF
Needle infiltration is one of the primary concerns of patients on dialysis when trying to preserve and prolong the life of the vascular access. This presentation will provide you with the essential knowledge and application of best practices to minimize the incidence of infiltration in your dialysis patients while allowing the prescribed blood flow throughout the dialysis treatment.

4:15 Group Activity: Test Your Knowledge of Dialysis

Facilitators: Danilo Concepcion, CBNT, CCHT-A, FNKF; Glenda Payne, MS, RN, CNN; Sandra Corrigan, MSN, FNP-BC, CNN
This group activity promises to be informative and yet fun. Bring out your competitive spirit and win exciting prizes.

5:15 Summary and Evaluations

5:30 Adjourn



Annual Dialysis Conference

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The number in brackets [#] indicates the session number and should be used to indicate which session you would like to attend when completing your conference registration.

Note: Speaker and session titles are subject to change.

[01E] General Session

- 9:00 Welcome - *Ramesh Khanna, MD; Patrice Delafontaine, MD; Madhukar Misra, MD; Leonor Ponferrada, BSN, RN, CNN*
- 9:10 **HD Keynote: The Transitional Start Unit: An Out of the Box Approach to Expand Home Dialysis** - *Robert S. Lockridge, Jr., MD*
- 9:35 **PD Keynote: Stephen Vas Memorial Oration: PTH Control – Whether, When, and How to Use It as a Biomarker** - *David Goldsmith, MD*
- 10:00 Break

Nursing and Health Related Programs

[10A] Barbara Prowant Lectureship: Nursing Keynote

- 10:45am - 12:00pm**
President: Leonor Ponferrada, BSN, RN, CNN; Shirley Farrah, PhD, RN-BC
- 10:45 **The Impact of Patient and Staff Experience and Engagement on Outcomes: What is the Evidence?** *Christina Dempsey, BSN, RN, MBA, CNOR*
Emerging data and cross domain analytics demonstrate what many in healthcare have thought for decades: there is an inextricable link between caregiver engagement, patient experience, and clinical outcomes. Acknowledging that a focus on the totality of the patient experience – clinical, operational, cultural, and behavioral – encompassing clinical quality and safety, will provide the shared purpose and meaning that moves us closer to optimal patient outcomes.
- 12:00 Lunch (provided)

[30A] Luncheon Session: Hemodialysis: Learn from Your Colleagues Panel Discussion: Practical Solutions to Practical Problems in HD

- 12:15-1:00pm**
Moderator: Lisa Koester
Panelists: Steven Bander, MD; Lisa Gutekunst, MEd, RD, CSR, CDN; Anne Diroll, RN; Mildred Greenway, RN
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.

Poster Presentations

- 1:00-2:00pm**
 Visit on your own or join the faculty guided tours. Check schedule at the entrance of the Poster Hall

[20A] PD Nursing Clinical Topics: Strategies for Improving Long-Term Survival in PD Patients

- 2:00-4:00pm**
President: Jeannine Farina, MSN, RN, CNN
- 2:00 **Why Patients Fail PD: Predictors of PD Failure** *Jenny Shen, MD*
- 2:30 **Preserving the Peritoneal Membrane** *Gillian Brunier, RN, MScN, CNeph(C)*
- 3:00 **Avoiding Burnout: Supporting Patients and Care Partners** - *A. Jennifer O'Connor, BSN, RN*
- 3:30 **Effective Transition from PD to HHD or IHD** *Jose Morfin, MD*
- 4:00 Break

[21A] PD Nursing Fundamentals I

- 2:00-4:00pm**
Preside: Maria Luongo, MSN, RN
- 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, MSN, RN; Steven Guest, MD*
- 4:00 Break

[22A] HD Nursing Fundamentals: Hemodialysis Access

- 2:00-4:00pm**
Presiding: Karen Schardin, BSN, RN
- 2:00 **Simplifying Vascular Access (VA) Selection** *Lesley Dinwiddie, MSN, RN, FNP, CNNe*
- 2:40 **Assessment: Can I Stick This Access?** *Steven Bander, MD*
- 3:20 **Single Needle Dialysis: Benefits and Barriers** *Lisa Koester, MSN, RN*
- 3:50 Discussion
- 4:00 Break

[23A] Integrated: Fostering Patient Preferences to Renal Replacement Modality Planning

- 2:00-4:00pm**
President: Michelle Carver, BSN, RN, CNN
- 2:00 **Patient Engagement, Preferences and Shared Decision-Making** - *Kent Bradley, MD*
- 3:00 **Choosing a Life Plan with CKD** - *Dori Schatell, MS*
- 3:45 Discussion
- 4:00 Break

[24A] Integrated: Joint Physician and Nursing Session - What's New in Kidney Transplantation?

2:00-4:00pm

Presenter: Leanne Peace, MSW, LCSW, MHA

- 2:00 Renal Transplant Update: Outcomes of the New Kidney Allocation System - *Ervin Ruzics, MD*
- 2:30 Innovations in Living Kidney Organ Donation *Joyce Trompeta, PhD, PNP*
- 3:15 Determinants of Adherence and Outcomes in Adult Organ Transplant Patients: A Meta-analysis *Cynthia Russell, RN, PhD*
- 3:50 Discussion
- 4:00 Break

[40A] PD Nursing Fundamentals II: PD Catheters and Catheter Care

4:45-6:00pm

Presenter: Sharon Chinnock, BSN, RN, CPDN

- 4:45 Choosing the Most Appropriate PD Catheter and Exit Site - *John Crabtree, MD*
- 5:15 Care of the PD Catheter; Post Implantation and Chronic Catheter and Exit Site Care - *Joanna Neumann, RN*
- 6:00 Adjourn

[41A] HD Nursing Fundamentals

4:45-6:00pm

Presenter: Karen Schardin, BSN, RN

- 4:45 Dialysis Prescription - *Jose Morfin, MD*
This presentation will cover aspects of the dialysis treatment such as blood flow, dialysate flow, duration of treatment; why do they matter and why accuracy of delivery is important.
- 5:15 Volume Management - *Anne Diroll, RN*
- 6:00 Adjourn

[42A] Integrated: Hepatitis C Virus Infection (HCV): Challenges and Opportunities

4:45-6:00pm

Presiding: Michelle Carver, BSN, RN, CNN

- 4:45 Hepatitis C Virus: Incidence, Risk Factors, Surveillance and Medical Management *Khoi Hoang, MD*
- 5:30 Clinical and Environmental Strategies to Prevent Spread of Hepatitis C in the Dialysis Workplace *Norma Gomez, MSN, RN*
- 6:00 Adjourn

[43A] Integrated Multidisciplinary Session – Are You Culturally Competent? The Basics of Transgender Medical Care – Linda Gromko, MD

4:45-6:00pm

Presiding: Karen Wiesen, MS, RD

As the transgender population has become more visible, "cultural competency" is expected from everyone including healthcare providers. Transgender individuals have all the medical problems everyone else has – but working with this population can present challenges and concerns for staff. Dr. Gromko is a family physician who has worked with the transgender population for 18 years – with patients ranging from 8 to 80 years of age. She will provide tips and strategies in dealing with this patient population such as: how we should address the transgender patient; what do we do if we "mis-gender" a person; how can we make our facilities gender-friendly; and how do hormones affect transgender individuals?

PD Fundamentals

[10B] Management Issues

10:45am-12:15pm

Presenter: Rajnish Mehrotra, MD

- 10:45 Solute Clearance and Adequacy Targets *Steven Guest, MD*
- 11:15 Water Transport, Solute Sieving and Ultrafiltration *Isaac Teitelbaum, MD*
- 11:45 Incremental PD: Why, Who and How? *Rajnish Mehrotra, MD*
- 12:15 Lunch (provided)

[20B] Peritonitis

2:00-4:00pm

Presenter: William Salzer, MD

- 2:00 PD Associated Infection, Case Based Discussion *William Salzer, MD*
- 2:30 Staphylococcus Aureus, Fungal and Tuberculous Peritonitis - *Vanita Jassal, MD*
- 3:00 Strategies to Reduce Peritonitis *William Salzer, MD*
- 3:30 Encapsulated Peritoneal Sclerosis (EPS): An Update - *Joni Hansson, MD*
- 4:00 Break

[40B] PD Clinical Issues

4:45-6:15pm

Presenter: Fredric Finkelstein, MD

- 4:45 Management of Renal Bone Disease *Robb Quinn, MD, PhD*
- 5:15 Anemia Management in PD Patients *TBA*
- 5:45 Non-infectious Complications of PD *Joanne Bargman, MD, FRCPC*
- 6:15 Adjourn

Advanced PD

[11B] Management Issues in PD Patients

10:45am-12:15pm

Presenter: Peter Blake, MD, FRCPC, FRCPI

- 10:45 Phosphate Removal by Peritoneal Dialysis *Andrew Davenport, MD*
- 11:15 Sodium Clearance Including Sieving Phenomenon During PD & Its Role in BP Control *Peter Blake, MD, FRCPC, FRCPI*
- 11:45 Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS) Update - *Jeffrey Perl, MD*
- 12:15 Lunch (provided)

[21B] PD Clinical Topics

2:00-4:00pm

Presenter: Isaac Teitelbaum, MD

- 2:00 The Top 10 Questions That Nephrologists Have about PD - *Jeffrey Perl, MD*
- 2:30 Volume-Based Peritoneal Dialysis Prescription *Pranay Kathuria, MD, FACP, FASN*
- 3:00 Role of Patient Education in Dialysis Modality Selection - *Fredric Finkelstein, MD*
- 3:30 Success of Urgent-Start Peritoneal Dialysis in Canada - *Arsh Jain, MD*
- 4:00 Break

HD Sessions

[10C] HD AKI

10:45am-12:15pm

President: Claudio Ronco, MD

- 10:45 Dialysis in AKI: Early or Late? - *William Clark, MD*
- 11:15 Managing Fluid Overload in ICU
Claudio Ronco, MD
- 11:45 The AKI-CKD Link: Examining the Evidence
Kamyar Kalantar Zadeh, MD
- 12:15 Lunch (provided)

[20C] Home Hemodialysis Devices: Providing Optimal Hemodialysis with Minimal Burdens

2:00-4:00pm

President: Robert S. Lockridge, Jr., MD

- 2:00 Fresenius 2008K@Home - *Karsten Fischer*
- 2:20 NxStage System One - *Jose Molina, MBA*
- 2:40 Outset - Tablo - *Luis Alvarez, MD*
- 3:00 Quanta SC+ - *Peter Hoyer*
- 3:20 Wearable Artificial Kidney (WAK)
Nancy Colobong Smith, MN, ARNP, CNN
- 3:40 Summary and Discussion
Robert S. Lockridge, Jr., MD
- 4:00 Break

[40C] Home Hemodialysis Devices: Providing Optimal Hemodialysis with Minimal Burdens

4:45-6:00pm

President: Robert S. Lockridge, Jr., MD
Demonstrations of Devices

[42C] HD Infection in the Dialysis Unit

4:45-6:00

President: William Salzer, MD

- 4:45 The Problem of Hepatitis C in Developing Economies - *Sanjay Agarwal, MD, DNB, FRCP*
- 5:05 Novel Therapies for Management of Hepatitis C
David Roth, MD
- 5:25 Reducing Infection Related Hospital Readmissions: Where Do We Need to Focus?
Priti Patel, MD, MPH
- 6:00 Adjourn

Symposium on Pediatric Dialysis

[10A] Barbara Prowant Lectureship: Nursing Keynote

10:45am - 12:00pm

See page 10 for detailed description of keynote presentation.

[10D] Session I - Hot Topics I

10:45am - 12:15pm

President: Franz Schaefer, MD

- 10:45 Adapted PD - *Claus Schmitt, MD*
- 11:05 Intensified HD: PRO - *Dal Hothi, MD*
- 11:25 Intensified HD: CON - *Robert Pauly, MD*
- 11:45 Best Abstract #1: PD Membrane Morphology and Function in Uremia and PD - Findings from the International Pediatric PD Biopsy Bank
Betti Schaefer, MD
- 12:00 Best Abstract #2: Adherence with 2016 ISPD Training Guidelines Among Pediatric Dialysis Patients in the SCOPE Collaborative
Nancy McAfee, MN, RN, CNN
- 12:15 Lunch (provided)

[11D] Nutrition Symposium 1

10:45am-12:15pm

Presiding: Rosanne Woloschuk, RD; Nonnie Polderman, RD

- 10:45 In with the New? New Medications in ESRD: Implication in Nutrition Practice
Esther Berenhaut, RD, CSP, CSR
- 11:30 Moving Away from Commercially Available Renal Formulas? - *Kirsten Thompson*
- 12:15 Lunch (provided)

Session II - Pediatric Breakout Luncheon Sessions

12:15-1:15pm

- [30D] Pediatric MDs (who are not fellows) Luncheon
- [31D] Fellows Luncheon and Dialysis Competency Exam
John Mahan, MD
- [32D] Pediatric Nurses Luncheon - The Staffing Conundrum
Helen Currier, RN; Tina Ninan

- [33D] Pediatric Nutrition Luncheon - Stump the RD
Presiders: Rosanne Woloschuk, RD;
Nonnie Polderman, RD
Stump the RD - *Marisa Juarez, MPH, RD, LD*

- [34D] Pediatric Nurse Practitioners Luncheon
Developing the Pediatric Nurse Practitioner Role in Dialysis - *Jessica Geer, C-PNP, CNN-NP*

Faculty Guided Tours of Pediatric Posters

1:15 -2:00pm

[20D] Session III

2:00-4:00pm

Presiding: Helen Currier, BSN, RN, CNN, CENP;
Bradley Warady, MD

2:00

Pediatric Keynote Address:

The Pharmacology of Renal Replacement Therapy Selected Principles and Practice of Drug Dosing in Dialysis Patients - *Thomas Golper, MD*
Pediatric Concepts - *Gregory Kearns, PharmD, PhD*

3:30

Best Abstract #3: Acute Pancreatitis in Children on Chronic Dialysis: Incidence and Clinical Characteristics in a Nationwide Registry
Enrico Vidal, MD, PhD

3:45

Best Abstract #4: Peritoneal Innate Immunity: A Study of the Expression of Antimicrobial Ribonucleases in Pediatric Patients Receiving Chronic Peritoneal Dialysis - *Neha Dhingra, MD*

4:00

Break

[40D] Session IV - Hot Topics II

4:45-6:00pm

Presiding: Alicia Neu, MD

- 4:45 Update on FGF23 - *Justine Bachetta, MD, PhD*
- 5:10 When to Get a Genetic Evaluation
Franz Schaefer, MD
- 5:35 Newest ESA's and Iron Supplementation Therapies
Peter Yorgin, MD
- 6:00 Adjourn

[41D] Nursing Breakout Session

Better Patient Experience - *Michelle Richardson*

4:45 -6:00pm

President: Jessica Geer, C-PNP, CNN-NP

Fellows Forum

[01F] 8:00-10:00am

Presider: Edwina Brown, MD

8:00-8:30 Special Lecture: The Conservative Care Option in Dialysis - *Edwina Brown, MD*

Slide Forums

[01G] 8:00am-12:15pm

Please refer to pages 17-18 for a detailed listing.

Poster Presentations

1:00-2:00pm

Visit on your own or join the faculty guided tours. Check schedule at the entrance of the Poster Hall.

[01J] Renin-angiotensin System Revisited

8:00-10:00am

Presider: Patrice Delafontaine, MD

- 8:00 Development of an Anti-Cachexia Therapeutic Agent: Application to Cancer & Renal Failure
Kenneth E. Gruber, PhD
- 8:30 A New Role for Angiotension II, Regulation of Muscle Regeneration - *Tadashi Yoshida, PhD*
- 9:00 Intrarenal Angiotensin Converting Enzyme is Central to the Development of Hypertension
Kenneth E. Bernstein, MD
- 9:30 Discussion
- 10:00 Break

Nursing and Health Related Program

[01A] PD Nursing Fundamentals III: Managing PD Complications

8:00-10:00am

Presiding: Maria Luongo, MSN, RN

- 8:00 Non-infectious Complications
Joanne Bargman, MD, FRCPC
- 8:30 Peritonitis: The Good, the Bad and the Ugly
Kathryn Renee Williams, BSN, RN, CNN
- 9:15 Tuberculous Peritonitis: Incidence, Diagnosis and Treatment - *Khoi Hoang, MD*
- 9:45 Discussion
- 10:00 Break

[02A] PD Clinical Topics I

8:00-10:00am

Peritoneal Dialysis in Nursing Homes

Presiding: Brent Miller, MD

- 8:00 Overview - *Vanita Jassal, MD*
- 8:15 Panel Discussion to address peritoneal dialysis in long term care facilities focusing on crucial issues such as coordination between the dialysis facility and the long term care facility, state regulatory requirements, staffing, training program, communication and reimbursement considerations.
Panelists: *Vanita Jassal, MD; Marijo Johnson, BSN, RN, CNN*

Urgent Start PD

Presider: Leslie Wong, MD, MBA

- 9:00 Urgent Start PD: Overview - *Les Wong, MD, MBA*
- 9:15 Panel Discussion focusing on the current state of Urgent Start PD, initial studies, barriers and quality outcomes.
Panelist: *Arshia Ghaffari, DO; Arsh Jain, MD; Cheryl Groenhoff, RN, MSN, MBA/HCM, CNN*
- 10:00 Break

[03A] HD Nursing: Patients with AKI Dialyzing in the Chronic Hemodialysis Unit

8:00-10:00am

Presiding: Debra Hain, PhD, ARNP, ANP-BC, GNP-BC, FAANP, FNKF

- 8:00 Renal Replacement Therapy for AKI
Mary Schira, PhD, RN, ACNP-BC
- 8:35 Clinical Management: How are they Different from the Chronic Dialysis Patients? - *Elaine Go, MSN, CNN-NP*
- 9:10 Survey Preparedness for AKI Patients Dialysis in the Outpatient Dialysis Facility
Glenda Payne, MSN, RN, CNN
- 9:40 Case Presentations and Interactive Discussion
Debra Hain, PhD, ARNP, ANP-BC, FAANP
- 10:00 Break

[04A] Integrated: Joint Nursing and Dietitian Session: CKD Mineral Bone Disease and Management

8:00-10:00am

Presider: Karen Wiesen, MS, RDN, LDN, FNKF

- 8:00 CKD-MBD: Current Focus and Research
Linda McCann, RD, CSR
- 8:45 A Half Century of Phosphate Binders Management: Advances and Challenges
Lisa Gutekunst, MEd, RD, CSR, CDN
- 9:20 Do We Do Too Many Parathyroidectomies in Dialysis? - *Sagar Nigwekar, MD*
- 9:50 Discussion
- 10:00 Break

[11A] PD Fundamentals IV: Workshop on Assessment of the Peritoneal Membrane - Marina Villano, BSN, RN

10:45-12:15

Presider: Sharon Chinnock, BSN, RN, CPDN

This workshop will present a comprehensive coverage of the Peritoneal Equilibration Test (PET) including: Standard procedure, Fast PET, how to interpret results and its application to clinical practice. Special case scenarios will be presented and will provide opportunities for audience interaction to address unusual circumstances such as patients with elevated blood sugar or patients who do not tolerate the standard volume for testing.

[12A] PD Nursing Administration**10:45am-12:10pm****Presider: Donna Tierney, RN, BSed, CPDN**

- 10:45 Strategies for Retention and Growth
Candace Regua, BSN, RN
- 11:15 Planning and Implementing a Survey-Ready Home Dialysis Facility - *Glenda Payne, MS, RN, CNN*
- 12:00 Discussion
- 12:10 Lunch (provided)

[13A] HD: Joint Physician and Nursing Session

"He said, She said ... the Doctor Laid Bare by the Patient" - Henning Sondergaard; John Agar, MD, BS, FRACP, FRCP(Lond)

10:45am-12:00pm**Presider: Joanne Bargman, MD, FRCPC**

In a fireside chat format, join these two extraordinary individuals as they explore the disconnect between care providers and patients; one speaker representing the professionals who will express his views on what matters in providing care in dialysis and the other speaker representing the patients and their hopes, needs, aspirations, goals and expectations of dialysis.

[14A] HD Nursing: Laughter: The Best Therapy During Dialysis - Paul Bennett, PhD, MHSM, GCAAppStats, RN; Sebastien Gendry

10:45am-12:00pm**Presiding, Leanne Peace, MSW, LCSW, MHA**

Dialysis Laughter Therapy is a program consisting of breathing and stretching exercises followed by facilitated laughter exercises and laughter meditation. It is a safe, low-intensity form of intradialytic physical activity that has promising implications for the reduction of chronic pain and depression. The therapy triggers endorphins and serotonin (two of the six main neurotransmitters produced naturally by the brain), resulting in the mind thinking the body is having a good time, ultimately leading to the laughter becoming real. It is very much an aerobic workout that patients love. This workshop will summarize recent research exploring intradialytic laughter therapy and provide practical demonstrations and recommendations on how to introduce laughter therapy into your dialysis program.

[31A] PD Nursing Luncheon Session: Learn from Your Colleagues Panel Discussion: Practical Solutions to Practical Problems in PD

12:15-1:00**Moderator Michelle Hofmann, BSN, RN, CNN**

Panelist: Joanna Neumann, RN; Karen Wiesen, MS, RDN, LDN, FNKF; Maria Luongo, MSN, RN; Jeffrey Perl, MD

Attendees in 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, Troubleshooting, Patient Care Management Issues, etc.

Poster Presentations**1:00-2:00pm**

Visit on your own or join the faculty guided tours. Check schedule at the entrance of the Poster Hall

[25A] PD Nursing Fundamentals: Patient Education I**2:00-4:00pm****Presiding: Donna Maaz, BSN, RN**

- 2:00 Patient Education 101 - *Candace Regua, BSN, RN*
- 2:45 Principles of Adult Education Applied to PD
Gillian Brunnier
- 3:15 Understanding your Patient's Literacy Level and Effects on Patient Learning
Malinda Harrington, DNP, FNP-BC ANCC
- 3:50 Discussion
- 4:00 Break

[26A] HD Nursing: Hemodialysis Access-related Infections and Maintaining Safety of Your Hemodialysis Patients

2:00-4:00pm**Presiding: Norma Gomez, MSN, RN**

- 2:00 Cannulation Technique: Are You Up to Date?
Lesley Dinwiddie, MSN, RN, FNP, CNNe
- 2:55 Your Role in Reducing the Risk of Blood Stream Infections: Making Dialysis Safer for Patients Coalition - *Priti Patel, MD, MPH*
- 3:50 Discussion
- 4:00 Break

[27A] Integrated: Professional Development**2:00-4:00pm****Presider: Cynthia Russell, RN, PhD**

- 2:00 How to Prepare for your Verbal Abstract Presentation - *Mary Schira, PhD, RN, ACNP-BC*
- 2:20 How to Prepare and Present a Poster
Helen Currier, BSN, RN
- 2:40 How to Critique a Research Paper
Joyce Trompeta, PhD, PNP; Cynthia Russell, RN, PhD
- 3:30 Interactive Discussion
- 4:00 Break

[28A] Integrated: Behavioral Health and the Renal Patient

2:00-4:00pm**Presider: Irma E. Funes, APN-BC, MSN, CNN**

- 2:00 Economics of Behavioral Health
Amy Kozsuch, MSN, MBA, HCM
- 2:30 Screening and Diagnosis of Depression and other Behavioral Problems in Dialysis Patients
Melissa McCool, MSW, LCSW
- 3:00 Symptom Targeted Intervention (STL)
Melissa McCool, MSW, LCSW
- 3:30 The Role of the Interdisciplinary Team in Dealing with Behavioral Issues - *Vernon Silva, LCSW, NSW-C*
- 4:00 Break

[29A] Integrated: Supporting Patients on Home Dialysis

2:00-4:00pm**Presiding: Joanna Neumann, RN**

- 2:00 Supporting Patients Through Social Media
Dori Schatell, MS
- 2:30 Travel Tips for Patients on Dialysis
Robin Brunner, BS; Young Sook Park, RN, CNN
- 3:00 Home Visits
This session will provide an update on the current legislation regarding home visits to home dialysis patients, key clinical, environmental and biochemical elements to be assessed to assure safety in performing dialysis in the home setting. Real case scenarios will be presented and an interactive discussion will follow to provide strategies to manage difficult situations such as hoarding and patients who decline a visit among others.
- Clinical and Environmental Assessment
Mildred Greenway, RN

- Biochemical Assessment: Electrical Safety and Water Quality - Danilo Concepcion, CBNT, CCHT-A, FNKF
- Managing Difficult Issues Confronted during Home Visits: Case Presentations - TBD

4:00 Break

[44A] PD Nursing Fundamentals: Patient Education II
4:45-6:00pm

Presider: Kathryn Renee Williams, BSN, RN, CNN

- 4:45 Dealing with the Changing Patient Population
Donna Tierney, RN, BSed, CPDN
- 5:00 Using Teach Back to Validate Learning
Andrea Dotson, CHES
- 5:30 Panel Discussion: Practical Strategies to Improve your Teaching Skills and Maintain your Competency Level - Candace Regua, BSN, RN; Donna Tierney, RN, BSed, CPDN; Andrea Dotson, CHES; Malinda Harrington, DNP, FNP-BC ANCC
- 6:00 Adjourn

[45A] Integrated Joint Physician and Nursing Topic : Refilling the Tank - Reversing the Impact of Caregiver Fatigue - Kent Bradley, MD
4:45-6:00pm

Presiding, Mary Schira, PhD, RN, ACNP-BC

The healthcare workforce burnout is now at epidemic proportions. 46% of all physicians have reported that they had burnout in a survey conducted by Medscape in 2015. The healthcare workforce is seeing increasing demands while experiencing a shrinking pool of applicants. By 2025 (only 8 years from now), the physician shortage will be from 46,000 to 90,000, according to the Association of American Medical Colleges. The AMN Survey of Registered Nurses found that 62% of nurses over age 54 are considering retirement now that the recession is over. And, nearly two-thirds of those say they plan to retire in the next three years. Older nurses make up a disproportionately large segment of the nation's nursing workforce.

This presentation will explore the state of our workforce wellbeing in healthcare and provide leadership strategies to ensure that your organization is not only a buffer to this epidemic but is a beacon of light that attracts a new generation of healthcare professionals.

[46A] Integrated: HOT TOPIC Focusing on Dialysis in Nursing Homes in 2017 and Beyond
4:45-6:00pm

Presiding: Glenda Payne, MS, RN, CNN

Panelist: Nola McMullen, RN; Susan Markovich, RN

Join a panel of providers and a regulatory expert for an interactive discussion on the current and future status of dialysis in Nursing Homes and Residential Facilities. Topics will include challenges and opportunities in this market and discussion regarding the current and future regulatory climate.

[47A] Integrated: Workshop for New Dialysis Staff
4:45-6:00pm

Presider: Lisa Koester, MSN, RN

This is a highly instructive workshop that will help a new nurse develop tools to recognize priorities and to survive the first few months working in a dialysis facility. The session will discuss the concept of novice to expert in the workplace, the value of professionalism and of certification and provide information how to get connected, how to get references and where to get help when you need it.

- 4:45 Developing a Profession with Passion and Peer Support - Sandra Corrigan, MSN, FNP-BC, CNN
- 5:00 Working with a Dialysis Machine: What You Need to Know to Keep the Patient Safe!
Danilo Concepcion, CBNT, CCHT-A, FNKF
- 5:15 Professional Boundaries: Are You Crossing the Line? - Leanne Peace, MSW, LCSW, MHA
- 5:30 Interactive Discussion
- 6:00 Adjourn

PD Fundamentals

[22B] Clinical Topics

2:00-4:00pm

Presider: Pranay Kathuria, MD, FACP, FASN

- 2:00 Transplant Outcomes Based on Pre-Transplant Dialysis Modality: Are They Different?
Preethi Yerram, MD, MS, FASN
- 2:25 PD Membrane Function Assessment - Bedside Tools - Eric Wallace, MD
- 2:50 Management of PD Catheter Malfunction, Systematic Approach - Pranay Kathuria, MD, FACP, FASN
- 3:15 CAPD and APD: What, Who, Why and How
Kunal Malhotra, MD
- 3:40 Management Issues of Long Term PD Patients
Suzanne Watnick, MD
- 4:00 Break

[41B] PD in Special Circumstances

4:45-6:15pm

Presider: Edwina Brown, MD

- 4:45 PD Management in Pregnancy
Anjali Bhatt Saxena, MD, FASN
- 5:15 PD in Patients with Abdominal Complications: Diverticulosis, Polycystic Kidneys, Stomas, etc
Kunal Chaudhary, MD
- 5:45 PD in Severe Congestive Heart Failure - Arsh Jain, MD
- 6:15 Adjourn

Advanced PD

[01B] Basic Science

8:00-10:00am

Presider: Michael Flessner, MD

- 8:00 Interstitial Fibrosis and Peritoneal Transport
Michael Flessner, MD
- 8:30 IL-6 as a Link Between Malnutrition, Peritoneal Inflammation and Fibrosis - Peter Margetts, MD, PhD
- 9:00 Effect of PD Solutions on Peritoneal Transport
Joanne Bargman, MD, FRCPC
- 9:30 Effects of Peritoneal Catheter on Peritoneal Membrane Integrity and Function - Peter Margetts, MD, PhD
- 10:00 Break

[23B] PD Clinical Topics**2:00-4:00pm****Presider: Jack Moncrief, MD**

- 2:00 Barriers to Implementing Telemedicine in Dialysis Units - *Jack Moncrief, MD*
- 2:30 Free Water Transport: Clinical Applications
Raymond Krediet, MD, PhD
- 3:00 Managing Elderly Patients on PD: Needs and Issues - *Matthew Oliver, MD*
- 3:30 Interesting Images in PD Patients
Raymond Krediet, MD, PhD
- 4:00 Break

[42B] Cardiology: Role in Dialysis**4:45-6:00pm****Presider: Martin Alpert, MD**

- 4:45 Anti-thrombotic Therapy for Atrial Fibrillation in Patients with Chronic Kidney Disease: Current Views - *Martin Alpert, MD*
- 5:10 When Does Cardiovascular Disease Preclude Consideration of Renal Transplantation?
Kul Aggarwal, MD
- 5:40 Cardiac Surgery in End-stage Renal Disease: Risks and Benefits - *Ajit K Tharakan, MD*
- 6:00 Adjourn

HD Sessions**[01C] HD Topics in Dialysis****8:00-10:00am****Presider: Victor Gura, MD**

- 8:00 Advances in HD Technology - *Claudio Ronco, MD*
- 8:25 Measuring Residual Renal Function for HD Adequacy: Is There an Easier Option?
Andrew Davenport, MD
- 8:50 Does Parathyroidectomy Improve Survival in HD Patients? - *David Goldsmith, MD*
- 9:15 Patient Reported Outcomes: Are They the New Frontier? - *Chris McIntyre, MBBS, DM*
- 9:40 Q & A
- 10:00 Break

[11C] HD Technology**10:45am-12:15pm****Presider: Bernard Canaud, MD**

- 10:45 Do Online Measurements Measure Up to Conventional Techniques? - *Bernard Canaud, MD*
- 11:15 HDF in the USA: Barriers and Solutions
Suhail Ahmad, MD
- 11:45 Can Wearable Technology Impact the Cost of Care of Dialysis? - *Victor Gura, MD*
- 12:15 Lunch (provided)

[13C] HD CPC**10:45am-12:15pm****Presider: Madhukar Misra, MD**

- 10:45 A Challenging HD Patient - *Chris McIntyre, MBBS, DM*
- 12:15 Lunch (provided)

[21C] HD Volume and Blood Pressure**2:00-4:00pm****Presider: Rajiv Agarwal, MD**

- 2:00 Pulmonary Hypertension in HD Patients
Bernard Canaud, MD
- 2:30 Managing Hypertension on HD. What Have FHN Trials Taught US? - *John Daugirdas, MD*
- 3:00 Dialysis Hypotension: Uncovering the Hidden Dangers - *Chris McIntyre, MBBS, DM*
- 3:30 Ultrafiltration on HD: Key Concepts
John Agar, MD, BS, FRACP, FRCP(Lond)
- 4:00 Break

[41C] HD Emerging Concepts in Dialysis**4:45-6:00pm****Presider: Suhail Ahmad, MD**

- 4:45 New Tools for Managing Hyperkalemia in 2017
Stephen Ash, MD
- 5:05 Iron Administration via Dialysate: What is the Data? - *Steve Fishbane*
- 5:25 Should We Give IV Iron to HD Patients with Infection? - *Nick Vaziri*
- 5:45 Discussion
- 6:00 Adjourn

Symposium on Pediatric Dialysis**[01D] Session I Workshop: Challenges in Pediatric Vascular Access for HD****8:00-10:00am****Presiding: Jordan Symons, MD; Helen Currier, BSN, RN, CNN, CENP**

- 8:00 AVF in Small Children
- 8:30 Antibiotic Catheter Locks - *Ali Mirza Onder, MD*
- 9:00 AVF Maintenance and Revision - *Tam Huynh, MD*
- 9:30 HD Self-cannulation
Dialysis RN Perspective - *Jackielene Cruz, RN*
Patient Perspective - *Destinee Cruz*
- 10:00 Break

[02D] Nutrition Symposium 2**8:00-10:00am****Presiding: Rosanne Woloschuk, RD; Nonnie Polderman, RD**
Nutrition Focused Physical Examination of the Pediatric Renal Patient Part 1 - *Tegan Medico, MS, MPH, RDN***[12D] Nutrition Symposium 3****10:45am-12:15pm****Presiding: Rosanne Woloschuk, RD; Nonnie Polderman, RD**
Nutrition Focused Physical Examination of the Pediatric Renal Patient Part 2 - *Tegan Medico, MS, MPH, RDN***[13D] Session II****10:45am-12:15pm****Presiding: Franz Schaefer, MD; Jessica Geer, MSn, C-PNP, CNN-NP**

- 10:45 History and Current State of Telehealth in Dialysis in the US - *Jack Moncrief, MD*
- 11:20 Pediatric Telehealth in Europe - *Claus Schmitt, MD*
- 12:00 Best Abstract #5: Biomarker Mid-Region Pro-Adrenomedullin is Associated with Diastolic Dysfunction in Children with End Stage Renal Failure on Peritoneal Dialysis - *Sharon Teo, MBBS, FRACP*
- 12:15 Lunch (provided)

**Session III - Pediatric Breakout Luncheon Sessions
12:15-1:15pm**

- **[35D]** Pediatric Nutrition Luncheon Symposium
Presiding: *Rosanne Woloschuk, RD;*
Nonnie Polderman, RD
Phosphorus: A Review of Research and
Recommendations - *Rayna Levitt, RD*
- **[36D]** Physician Luncheon - Update on Billing for
Dialysis in the U.S. - *Mark Joseph, MD*
- **[37D]** Nursing Luncheon Symposium -
Communication for the 21st Century
Michelle Rheault, MD

**Faculty Guided Tours of Pediatric Posters
1:15-2:00pm**

**[21D] Session IV - Symposium on Health Literacy
2:00-4:00pm**

Presider: *Bradley Warady, MD; Amy Nau, RN*

- 2:00 The Problem of Health Literacy in Nephrology
Kerri Cavanaugh, MD, MHS
- 2:30 Pediatric Health Literacy Assessment
Malinda Harrington, DNP, FNP-BC, ANCC
- 3:00 Teach Back Techniques - *Andrea Dotson, CHES*
- 3:30 Best Abstract #6: Prevalence of Depression
Amongst Caregivers of Pediatric Dialysis Patients
Elba Vazquez, MSW
- 3:45 Best Abstract #7: Fungal Peritonitis in the
Standardizing Care to Improve Outcomes in
Pediatric ESRD (SCOPE) Collaborative
Raj Munshi, MD
- 4:00 Break

Peritoneal Dialysis in North America

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

[01H] Opening Remarks

- 8:00 Welcome - *Rajnish Mehrotra, MD*
- 8:05 ISPD Presidential Address - *Isaac Teitelbaum, MD*
- 8:15 The Gabor Zellerman Award Presentation
- 8:10 The Gabor Zellerman Lecture: History and
How It May Shape the Future of PD
Thomas Golper, MD
- 8:45 Comments, Questions

**Expanding the Horizons of PD Patient Selection
8:45-10:00am**

- 8:45 "PD First" in the US - *TBA*
- 9:05 PD in Resource-poor Areas
Anjali Bhatt Saxena, MD, FASN
- 9:25 Assisted PD: Report and Update on a NAC
and ISPD Funded Project - *Vanita Jassal, MD*
- 9:45 PD in Long Term Care Facilities: Logistics
and Experience - *Joni Hansson, MD*
- 10:00 Break

**[10H] Early PD Success
10:45am-12:15pm**

- 10:45 The First 90 Days – Strategies for Success in
PD Training and Beyond - *Gillian Brunier, RN,*
MScN, CNeph(C)
- 11:05 Catheter Early Dysfunction: Data from NARC
Matthew Oliver, MD
- 11:25 Optimizing HD to PD Transitions
Eric Wallace, MD
- 12:00 Discussion
- 12:15 Lunch provided

**[20H] PD Economics and Public Policy
2:00-4:00pm**

- 2:00 Debate: Aggressive Promotion of PD is
Warranted to Reduce Healthcare Costs
Pro: *Peter Blake, MD, FRCPC, FRCPI*
Con: *Rob Quinn, MD, PhD*
- 2:30 Round Table 1: Ask the Experts: PD
Promotion/Economics
Moderator: Rajnish Mehrotra, MD
Panelists: *Peter Blake, MD, FRCPC, FRCPI;*
Robb Quinn, MD, PhD; Thomas Golper, MD;
Suzanne Watnick, MD; Anjali Bhatt Saxena, MD,
FASN
- 3:10 Recent Trends in Treatment with PD & PD
Patient Retention in the US and Canada
Jeffrey Perl, MD
- 3:30 Round Table 2: Ask the Experts: Trends in
PD in the US & Canada: Audience Questions
Moderator: Rajnish Mehrotra, MD
Panelists: *Isaac Teitelbaum, MD;*
Fredric Finkelstein, MD; Thomas Golper, MD;
Joanne Bargman, MD, FRCP; Jeffrey Perl, MD
- 4:00 Break

**[40H] Promoting PD Success Beyond the First 90 Days
4:45-6:00pm**

- 4:45 Clinical Predictors of Long Term PD Success
Jenny Shen, MD
- 5:05 Remote Monitoring and Use of New
Technologies to Improve Early PD Success
Arsh Jain, MD
- 5:25 Strategies for Success in Challenging PD
Situations - *Joanne Bargman, MD*
- 5:45 Discussion
- 5:55 Conclusion
- 6:00 Adjourn

SLIDE FORUMS

[01G] SLIDE FORUM I**Quality Improvement, Administration****8:00-10:00am**

- 8:00 Measurement of Sodium by Direct and Indirect Ion Selective Electrode Technique in Normal Saline and Lactated Ringer's - A Quality Assurance Project - *Ambreen Gul, MD*
- 8:15 Differences in Hospitalization and Mortality Rates in Dialysis Patients by Insurance Type
Marta Reviriego-Mendoza, PhD
- 8:30 Predictive Factors for 30-day Readmission by Adult Hemodialysis Patients: A Restrospective Case-control Study - *Afsana Khan, RN*
- 8:45 Trends in Dialytic Modality Utilization with Change in Reimbursement Policy
Eric Weinhandl, PhD, MS
- 9:00 Understanding Peritoneal Dialysis Patient Outcomes through Routine Tracking of Clinical Parameters - *Hao Han, MS*
- 9:15 Reducing Long-term Catheter (LTC) Rates in the Adult Hemodialysis (HD) Population
Lynda Ball, MSN, RN, CNN
- 9:30 Association of Hospitalizations Pre-ESRD and Rate of Hospitalization Post ESRD Transition Among US Veterans: A Transitin of Care in CKD Study
Jason Chou, MD
- 9:45 Medicare Payments for Transportation between Nursing Institutions and Dialysis Facilities
Eric Weinhandl, PhD, MS
- 10:00 Adjourn

[02G] SLIDE FORUM II**Basic Science****8:00-10:00am**

- 8:00 Associations of Single Nucleotide Polymorphisms (SNPs) in the Energy Homeostasis-associated Gene (ENHO) with Dyslipidemia in Hemodialysis (HD) Patients - *Alicja E. Grzegorzewska, MD, PhD*
- 8:15 Role of Nrf2 System in Peritoneal Mesothelial Cells
Ikuko Yabana, MD, PhD
- 8:30 Micro RNA 499 Gene Expression in Patients on Hemodailysis with Cardiovascular Complications
Haitham Ezzat, MD

- 8:45 Pharmacokinetics of Triferic Administered IV and via Dialysate - *Raymond Pratt, MD*
- 9:00 What are the Potential Benefits of NF- Inhibition in Human Peritoneal Mesothelial Cells in Conditions of Peritoenal Dialysis
Andrzej Breborowicz, MD, PhD
- 9:15 Pharmacokinetics (PK) of Triferic Administered IV to Health Volunteers: Modeling Diurnal Iron and Additivity of Triferic Iron - *Raymond Pratt, MD*
- 9:30 Effect of Intravenous Iron Dextran Versus Iron Sucrose on Oxidative Burst Activity of Neutrophils in Hemodialysis Patients - *Iman Sarhan, MD*
- 9:45 Peritoneal Dialysis Fluids Block Heat Shock Factor 1 - A Novel Pathomechanism? - *Rebecca Herzog, MSc*
- 10:00 Adjourn

[03G] SLIDE FORUM III**Clinical Experiences****8:00-10:00am**

- 8:00 A Mayo Clinic Thirteen-Year Retrospective Study of the Syndrome of Rapid Onset ESRD Among Renal Transplant Recipients, 2001-2013
Macaulay Onuigbo, MD MSc MBA
- 8:15 Sleep Disorders in Hemodialysis Patients: Does RKF Matter? - *Haitham Ezzat, MD*
- 8:30 Study of Relation of Serum Inorganic Iodine Level to Thyroid Diseases in Prevalent Hemodialysis Patients - *Mohamed Ibrahim, MD, PhD*
- 8:45 Hemodialysis Patients Have Variable Recovery Times - *Antonia Harford, MD*
- 9:00 A Sustainable Intradialytic Training Program using Elastic Resistance Bands - *Paul Bennett, RN PhD*
- 9:15 Can Octogenarians Make It on Peritoneal Dialysis?
Laura Troidle
- 9:30 Game-Based Non-Weight Bearing Exercise to Improve Motor Performance in Diabetic Patients Undergoing Hemodialysis - *He Zhou, PhD*
- 9:45 Intra-dialytic Intracranial Pressure Monitoring in a Patient with Idopathic Intracranial Hypertension and Dialysis Disequilibrium Syndrome
Rauri Clark, MBChB
- 10:00 Adjourn

[04G] SLIDE FORUM IV**Access****10:45am - 12:00pm**

- 10:45 Clinical Outcomes Associated with Peritoneal Dialysis Catheter Placement by Interventional Radiology in a Tertiary Center - *Julie Dupont, NP*
- 11:00 Dialysis Center Driven Use of the VWING to Address Cannulation Difficulties and Avoid Infiltrations - *Travis Choszczyk*
- 11:15 Early Intervention for Catheter Malfunction Enabled by Remote Patient Management (RPM) via Cloud-based Connectivity Platform I Automated Peritoneal Dialysis (APD)
Carol Ownby, RN
- 11:30 Using the Buttonhole Technique to Cannulate Arterio Venous Grafts: A Single Centre Experience
Nicholas Sangala, MBBS, BSc, MRCP (Neph), FFICM
- 11:45 Incisional Hernia Due to Internal Wound Dehiscence after Peritoneal Dialysis Catheter Placement in a Patient on Sirolimus
Anupkumar Shetty, MD
- 12:00 Lunch

[05G] SLIDE FORUM V**AKI/RRF****10:45am - 11:45am**

- 10:45 Intra-operative Hypotension is a Neglected but Preventable Causative Factor in Hospital-Acquired Acute Kidney Injury - *Macaulay Onuigbo, MD MSc MBA*
- 11:00 Study of Factors Associated with Acute Kidney Injury in Patients with Cirrhosis - *Kishan Lal Gupta, MD, DM*
- 11:15 Does Residual Kidney Function Decline and Intradialytic Hypotension have a Synergistic Association with Mortality? - *Jason Chou, MD*
- 11:30 Trends in Residual Kidney Function for Incident Hemodialysis Patients based on Intradialytic Hypotension and Baseline Kru - *Jason Chou, MD*
- 11:45 Lunch

[06G] SLIDE FORUM VI

Dialysis Systems

10:45am - 12:00pm

- 10:45 Control of Amount of Albumin Leakage by Changing Technical Specifications of Dialyzers
Narumi Tomisawa, PhD
- 11:00 BPA Levels After Dialysis with the Fresenius F160NR and a Non-BPA-containing Dialyzer, the Nipro ELISIO-15H - *Andre Kaplan, MD*
- 11:15 Redox Nano-particle for Peritoneal Dialysis Solution - *Aki Hirayama, MD, PhD*
- 11:30 Flexible Dialysis Prescription Using a New Novel Hemodialysis Device Designed for Self-care HD
Luis Alvarez, MD
- 11:45 Human Factors Testing Results for a Novel Hemodialysis System (SC+) Designed for Ease of Use Across All Care Settings and for Operation by Patients and Healthcare Professionals
Peter Hoyer, RN, MBA
- 12:00 Lunch

[07G] SLIDE FORUM VII

Home Modalities

10:45am - 12:00pm

- 10:45 Holistic Approach to Care Produces Promising Results in Home Program - *Kimberly Hendricks, BSN, RN, LSS-BB, BC-HTP*
- 11:00 Home Hemodialysis (HHD) Patient Exits Associate with Higher Pre-exit Health Care Practitioner Interactions and Post Program Exit Mortality
Nikhil Shah, MBBS, DNB
- 11:15 European Experience with NxStage System One for Home Hemodialysis Across Diverse Body Mass Indices - *Maxence Fichoux*
- 11:30 Blood Pressure Control on More Frequent Home Hemodialysis - *Michael Kraus, MD*
- 11:45 Ultrafiltration Rates with More Frequent Home Hemodialysis - *Eric Weinhandl, PhD, MS*
- 12:00 Lunch

[08G] SLIDE FORUM VIII

Inflammation, Infection

10:45am - 12:15pm

- 10:45 Effectiveness of UV Light in the Disinfection of Peritoneal Dialysis Catheter Connections
Julia Rasooly, MS
- 11:00 Micro RNA499 Gene Expression in Patients on Different Dialysis Membranes and Its Relation to Cardiovascular Diseases - *Magdy ElSharkawy, MD, PhD*
- 11:15 The Effect of HIV Infection On Staphylococcus Aureus Nasal Carriage and Incidence of Staphylococcus Peritonitis and Catheter Related Infections Among Patients Undergoing Peritoneal Dialysis - *Kwazi Celani Zwakele Ndlovu, MbChB, FCP*
- 11:30 Effect of Bicarbonate/lactate-buffered Peritoneal Dialysis (PD) Solution on Serum Ferritin Levels in Japanese PD Patients - *Kohkichi Morimoto, MD*
- 11:45 Effects of Alanyl-glutamine in Clinical Peritoneal Dialysis Detected by a Novel High Performance Proteomics Biomarker Approach
Klaus Kratochwill, PhD
- 12:00 Utility of Abdominal Imaging in Peritoneal Dialysis Patients Presenting with Peritonitis - *Emilie Trinh, MD*
- 12:15 Lunch

[09G] SLIDE FORUM IX

Metabolism, CKD-MBD

10:45am - 12:15pm

- 10:45 Bone Histology in Hepatitis C Virus Positive Hemodialysis Patients - *Magdy ElSharkawy, MD, PhD*
- 11:00 FGF23 and Malnutrition in Maintenance Hemodialysis Patients - *Haitham Ezzat, MD*
- 11:15 Hip Structure Analysis is Extremely Useful as a Way to Evaluate the Bone Strength Changes after Eldecacitol Administration - *Megumi Sato, MD*
- 11:30 Impact of Impairment of Instrumental Activities of Daily Living on the Nutritional Status of Dialysis Patients - *John Larkin, MS*
- 11:45 Are Preptin and CTRP1 New Bone Metabolic Markers in Hemodialysis Patients?
Krzysztof Pawlaczyk, MD, PhD
- 12:00 Calciphylaxis After Parathyroidectomy
Sathish Karmegam, MD
- 12:15 Lunch



Nursing and Health Related Program

[05A] PD Nursing Clinical Topics II

8:00-10:00am

Presider: Sharon Chinnock, BSN, RN, CPDN

- 8:00 Volume Management - *Sagar Nigwekar, MD*
- 8:40 Understanding Tidal Peritoneal Dialysis and Clinical Application - *Jeannine Farina, MSN, RN, CNN*
- 9:10 Unusual Clinical Patient Issues: Innovative Nursing Interventions - *Maria Luongo, MSN, RN*
- 9:45 Discussion
- 10:00 Break

[06A] Integrated: QAPI and QIP: Integrating the QIP into Your Facility's QAPI Program

Presented in Cooperation with the National Renal Administration Association (NRAA)

8:00 -10:00am

Presider: Helen Currier, BSN, RN

- 8:00 ESRD Quality Incentive Program - *Debbie Cote, MSN, RN, CNN, NE-BC*
- 8:40 Quality Assessment and Performance Improvement - *Karen Kelley, MHA, BSN, RN, CNN*
- 9:20 Are Your Stars Aligned? The Dialysis Five Star Program - *Katrina Russell, RN*
- 9:50 Discussion
- 10:00 Break

[07A] Integrated: Advance Care Planning in CKD/ESRD

8:00-10:00am

Presider: Sandra Corrigan, MSN, FNP-BC, CNN

- 8:00 Management of the Frail Older Patients: What Are the Outcomes - *Edwina Brown, MD*
- 8:40 Advance Care Planning: When to Start the Talk - *Denise Eilers, BSN, RN; Nielte Gedney*
- 9:10 Palliative Care and ESRD - *TBA*
- 9:50 Discussion
- 10:00 Break

[08A] Integrated: Joint Physician and Nursing Session – Anemia Management Update

8:00-10:00am

Presider: Barbara Breckler, BSN, RN

- 8:00 Patient-centered Approach: Setting Priorities for Patients New to Dialysis: What Can We Learn from Song - *John Agar, MD, BS, FRACP, FRCP(Lond)*
- 8:35 Twice Weekly Hemodialysis and Residual Kidney Function - *Kamyar Kalantar-Zadeh, MD*
- 9:10 Have Nutrition Recommendations Kept Pace with Advances in Dialysis Technology? - *Linda McCann, RD, CSR*
- 9:45 Discussion
- 10:00 Break

[15A] Plenary Session: America's Addiction to Opioids - What Health Professionals Need to Know

10:45am-12:00pm

Presider: Lesley Dinwiddie, MSN, RN, FNP, CNNe

Sean Patrick Nordt is a board-certified Emergency Physician, dual-boarded Toxicologist, and a Pharmacist. He is currently an Associate Professor of Clinical Emergency Medicine at the Keck School of Medicine, University of Southern California. He is a lecturer in Pharmacology at Keck School of Medicine. He has over 40 original publications on emergency medicine and toxicology related topics with multiple research studies on snake and spider envenomation. He has authored multiple book chapters and is a monthly contributor to Emergency Medicine Review and Perspective (EM-RAP). He lectures throughout the United States and internationally on toxicology topics. He is also a reviewer for approximately 10 peer reviewed journals. Dr. Nordt has won teaching awards from several residency programs. He is a former Associate Director of the California Poison Control System-San Diego and was an Assistant Clinical Professor of Medicine at UCSD and also Assistant Clinical Professor of Pharmacy at UCSF. He has served on the Board of Director of the American Academy of Clinical Toxicology.

HD Sessions

[02C] Integrated: Common Clinical Issues in Dialysis

8:00-10:00

Presider: Madhukar Misra, MD

- 8:00 The Rationale Behind an Incremental Start to Dialysis - *Kamyar Kalantar-Zadeh, MD*
- 8:25 Thyroid Abnormalities in Dialysis Patients - Current Concepts in Management - *Connie Rhee, MD*
- 8:50 Managing Dyslipidemia on Dialysis: Is It Different? - *Hamid Moradi, MD*
- 9:15 Managing the Pregnant Dialysis Patient - State of the Art - *Madeleine Pahl, MD*
- 9:40 Discussion
- 10:00 Break

[12C] Integrated HD & PD Debate

10:45am-12:00pm

Presider: Ramesh Khanna, MD

- 10:45 Nutritional Vitamin D Should Be Offered to All CKD/ESRD Patients with Hypovitaminosis D - *David Goldsmith, MD*
- 11:15 Offering Nutritional Vitamin D to All CKD/ESRD Patients with Hypovitaminosis D is Not Based on Scientific Evidence - *Rajiv Agarwal, MD*
- 11:45 Rebuttals
- 12:00 Adjourn

Symposium on Pediatric Dialysis

[03D] Session I - My Favorite Paper

9:00am -10:00am

Presiding: Steve Alexander, MD; Jessica Geer, MSN, C-PNP,
CNN-NP

9:00 Clinical Nephrology - *Ali Mirza Onder, MD*

9:15 Pediatric Nursing - *Valerie Parker, RN*

9:30 AKI/CRRT - *Scott Sutherland, MD*

9:45 Pediatric Dialysis Nutrition – *Kirsten Thompson*

10:00 Break

[04D] Nutrition Symposium 4

8:00-10:00am

Presider: Rosanne Wloschuk, RD; Nonnie Polderman, RD
Nutrition Management of Infants with LUTO
Marisa Juarez, MPH, RD, LD

[14D] Session II

10:45 - 12:00pm

Presider: Theresa Mottes, RN

10:45 Ethical Issues in the Pediatric Dialysis Program
Aviva Godberg, MD

12:00 Adjourn



Posters

Posters are listed alphabetically in sections by author's last name.

ACCESS

- 1 Buried Peritoneal Dialysis Catheter Inserted Percutaneously Using Seldinger Technique with Fluoroscopy "The Best of All Worlds" *Rauri Clark, MBChB*
- 2 Current Status of Hemodialysis Access in Regular Hemodialysis Patients - *Magdy ElSharkawy, MD, PhD*
- 3 Drain Pain - *Michelle Gdowski, RN*
- 4 Vascular Access at Initiation of Dialysis *David Gilbertson, PhD*
- 5 Effect of In-hospital Vascular Access Education On Access Placement Prior to Discharge in Patients Starting Dialysis in the Hospital: a Quality Improvement Project - *Frank Liu, MD*
- 6 Evaluation of the Functions of the Temporary Catheter with Three Tip Types (with various tip types) *Tomonari Ogawa, MD, PhD*
- 7 Early Postoperative Complications of Peritoneal Dialysis Catheter Surgery Conducted by Nephrologists: An Eight-year Single-Center Experience - *Kiyomi Osako, MD*

ACUTE RENAL FAILURE

- 8 Essential Cryoglobulinemia with Cryoagglutinins *Vivek Bose, BS*
- 9 Incidence and Outcomes of Acute Kidney Injury in Patients with Hepatocellular Carcinoma after Liver Transplantation - *Xiaohong Chen, MD*
- 10 Validation of 4 Prediction Scores for Cardiac Surgery Associated Acute Kidney Injury in Chinese Patients *Wuhua Jiang, MD*
- 11 The Effect of Preoperative Coronary Angiography on Acute Renal Injury after Cardiac Surgery - *Yu Jiawei, MD*
- 12 Acute Kidney Injury Complicating a Rare Incidence of Transurethral Foley Catheterization Causing Distal Right Ipsilateral Ureteric Obstruction and Contralateral left Ureteric Obstruction *Michael Rentzepis, MD*

- 13 Dramatic Recovery from Nephrotic Syndrome With Dialysis-dependent Acute Renal Failure by Immunosuppressive Therapy and Thymectomy in a Man With Lupus Nephritis: a Case Report *Keigo Tomita, MD*
- 14 Urinary TIMP-2 and IGFBP7 For The Prediction Of Acute Kidney Injury Following Cardiac Surgery In A Chinese Population - *Yimei Wang, MD*
- 15 Instant Central Venous Pressure in ICU Admission is a Useful Predictor for Cardiac Surgery Associated AKI *Jiarui Xu, MD*
- 16 Role of Elevated Red Cell Distribution Width On Acute Kidney Injury Patients after Cardiac Surgery *Zhouping Zou, MD*

CLINICAL EXPERIENCES

- 17 Increased IOP During Hemodialysis, Rare Condition, Serious Complication - *Rula Abdulrahman, MD*
- 18 A Curious Case of Stubbornly Recurring Hyperkalemia in an ESRD Patient Following Surgical Minimally Invasive Bioprosthetic Aortic Valve Replacement Could the New Potassium Binder, Patiomer, Have Been Useful Here? - *Nneoma AGBASI, RMN MSc PGDip*
- 19 Longitudinal Data of Peritoneal Membrane Function Based on Two-in-one Modified PET - *Olga Balafa, MD, PhD*
- 20 Predictors of Emergency Medical Services Usage by Dialysis Patients - *John Bartolacci, BSc*
- 21 Death and Hemodialysis Withdrawal in Incident Dialysis Patients - *Joy CY Chen, MD*
- 22 Association of Cardiac Valvular Calcification With All-cause Mortality in Incident Hemodialysis Patients *Yun Cheng, MD*
- 23 Massive Diffuse Alveolar Haemorrhage in a Hemodialysis Patient with ESRD Secondary to IgA Nephropathy: A Unique Case Report of a Rare Pulmonary Renal Syndrome with Response to Plasmapheresis & Mycophenolate Mofetil *Rauri Clark, MBChB*
- 24 No Limit Mindset-Choosing a Caregiver for HHD *Amanda Dionne, BSN, RN*
- 25 Short Patient and Technique Survival Following First Peritonitis in Peritoneal Dialysis Patients. Does Timing of First Peritonitis Matter? - *Wael El-Reshaid, MD, FASN*

- 26 Effect of Dialysate Temperature on Removal of Small Sized Toxins in Hemodialysis Patients *Haitham Ezzat, MD*
- 26 Association Between Cardiac Arrhythmias and Residual Kidney Function In Hemodialysis Patients - *Haitham Ezzat, MD*
- 27 Outcomes Following Hip Fracture Repairs in Dialysis-dependent Patients - Comparison to a Matched Cohort - *Wigdan Farah, MBBS*
- 28 Pilot Study: Non-adherence and Managing Life on Hemodialysis - *Kathleen Fulmer, RN, MSN, FNP*
- 29 Ferric Pyrophosphate Citrate (Triferic): One Month Intraperitoneal Toxicology and Toxicokinetic Study - *Ajay Gupta, MD*
- 30 Recovery of Kidney Function in Established Hemodialysis Patients: No Longer the Exception to the Rule? - *Elizabeth Lindley, PhD*
- 31 Higher ECF/BW was Related to Systolic Blood Pressure but not Diastolic Blood Pressure in Maintenance Hemodialysis Patients - *Zhouhua Liu, MD*
- 32 Estimated Glomerular Filtration Rate of Initiation of Dialysis is Related to 1 Year All-cause Mortality and Survival in Patients with Chronic Glomerulonephritis in Maintenance Dialysis Patients - *Wenlv Lv, MD*
- 33 A Cross-Sectional Analysis of Time Versus Erythropoietin Dosage: An Hour Extension of Hemodialysis Results in a 2,000 Unit per Week Reduction - *Atsuhiko Maeda, MD*
- 34 Real World Efficacy of Antiviral Therapies in Patients with Hepatitis C and End Stage Renal Disease Requiring Dialysis - *Jean McAfee, MSN*
- 35 Kidney Transplant Experience at Garki Hospital, Abuja, Nigeria, 2013-2016 - *Elijah Miner, MD*
- 36 Raptured Renal Artery Pseudoaneurysm in Peritoneal Dialysis Patients: A Case Report - *Takafumi Nakashima, MD*
- 37 Urgent Start Peritoneal Dialysis Protocol Using Manual Exchanges - *Mihran Naljayani, MD*
- 38 Dynamic Monitoring of NT-proBNP Level is a Powerful Predictor of Mortality and Cardiovascular Outcome in Hemodialysis Patients - *Yuxin Nie, MD*
- 39 An Examination of the Transition from Renal Transplant to PD in Patients Previously On PD *Marcia Oliveira, MD*

- 40 Remote Patient Monitoring (RPM) in Automated Peritoneal Dialysis (APD) Improves Patient Adherence
Carol Ownby, RN
- 41 Long-term Prognosis of Patients on Peritoneal Dialysis Who Were Treated by Re-embedding Catheter Technique - *Tsutomu Sakurada, MD*
- 42 The Prevalence of Hepatitis B Among Hemodialysis Patients in Egypt - *Iman Sarhan, MD*
- 43 Overhydration As a Modifiable Cardiovascular and All-Cause Mortality Risk Factor in Hemodialysis Patients - *Krzysztof Schwermer, MD*
- 44 Transitional Start Dialysis: From Concept to Reality
Prayus Tailor, MD
- 45 Prognostic Factors on Withdrawal from Peritoneal Dialysis: A Retrospective Cohort Study at Two Centers in Japan - *Yasuhiro Taki, MD*
- 46 Increased Serum Lactate in Peritoneal Dialysis Patients Presenting with Intercurrent Illness
Emilie Trinh, MD
- 47 Role of Red Blood Cell Distribution Width (RDW) in Chinese Hemodialysis Patients and Its Related Factors
Li Wang, MD
- 48 Successful Quick Start Peritoneal Dialysis Birmingham, Alabama - *Cecelia Weatherford, RN*
- 49 Post-Dialysis Recovery Time in the Frequent Hemodialysis Network - *Eric Weinhandl, PhD, MS*
- 50 Monocyte/lymphocyte Ratio as a Better Predictor of Cardiovascular and All-cause Mortality in Hemodialysis Patients: A Prospective Cohort Study
Fangfang Xiang, MD
- 51 Association Between Pre- and Post-dialysis Serum Electrolyte Concentrations and Blood Pressure Levels in Maintenance Hemodialysis Patients - *Jinbo Yu, MD*

COST CONTAINMENT

- 52 Thinking Outside The Box: HHD Group Training
Georgina Adkins, ADN, RN
- 53 K@Home: The Forgotten Option - *Debbie Allen, BSN, RN, CNN*
- 54 Short-time Exercise Therapy Under Hemodialysis Treatment Improves the Ventilation Equivalent of Carbon Dioxide in End-Stage Renal Disease Patients
Junichi Makino, MD
- 55 The Impact of Treatment Modality on Employment and the Economic Benefit Above the Cost of Providing Direct Treatment - *John Sullivan, PhD*
- 56 Short-time Exercise Therapy induces an Increase in Muscle Mass in Patients Under Hemodialysis Treatment - *Tatsunori Tachibe, RN*

DIALYSIS SYSTEMS

- 57 PD Cyclor with 2-Way Remote Management Technology Reveals Patient Adherence Patterns to Dialysis - *Catherine Firanek, BSN, MBA*
- 58 Management of Metformin-Associated Lactic Acidosis (MALA) with Sustained Low Efficiency Dialysis (SLED) - *Wayne Latack, MD*
- 59 Evaluation of Solute Clearance in Intermittent Infusion Hemodiafiltration (I-HDF) - *Michio Mineshima, PhD*
- 60 A Clinical Study Comparing the Basic Performance and Blood Compatibility Characteristics of Nipro ELISIO-H, Gambro Polyflux Revaclear, and Fresenius Optiflux Dialyzers: A Preliminary Analysis
Madhukar Misra, MD
- 61 Outcome of Embedded PD Catheters: One Center Experiences - *Ritchie Nabong-Salem, RN*
- 62 Assessment of the Safety, Efficacy and Usability of the Quanta SC+ Haemodialysis System - *Hardip Nagra, PhD*
- 63 Combination Therapy with PD+HD from the Initiation of Renal Replacement Therapy Preserves the Residual Renal Function and Serum Albumin - *Atsushi Ueda, MD, PhD*
- 64 Verification of Physicochemical Structures of Dialysis Membrane Using Reversal Dialysis Technique
Akihiro Yamashita, PhD

EDUCATION

- 65 Peritoneal Dialysis Centre of Practice - Sharing Our Success - *Judith Flaherty, RN, CNeph*
- 66 Guru and Newbie Groups as a Way to Foster Mentorship and Cohesion at an Urban Peritoneal Dialysis Unit - *Lisa Lillebuen, BScN, CNeph*
- 67 Low Access to Renal Transplantation in Unplanned Dialysis Start Patients is a Concern
Anna Machowska, MSC
- 68 Novice to Expert in Incenter Hemodialysis
Primrose Mharapara, NP
- 69 How to Capture Home Therapy Patients with TOPs
Ginger Neese, RN
- 70 High Fidelity Simulation: Innovation in Dialysis Emergency Training - *Jarrin Penny, RN, BSN, CNeph, CDE*
- 71 Education of PD Patients in New England
Laura Troidle, PA
- 72 Increasing the Transition of In Center Hemodialysis Patients into the Home Program Through the Treatment Options Program (TOPs) - *Kelly Walker, RN*

- 73 The Association Between Patient Activation and Self-care Practices in Patients with Co-morbid Diabetes and Chronic Kidney Disease - *Edward Zimbudzi, BS, RN, MIH*

INFECTION

- 74 Antibiotic Prophylaxis in Peritoneal Dialysis Patients: An Evidence-Based Review - *Miten Dhruve, MD*
- 75 Incidence and Risk Factors for HCV and HBV seroconversion in End Stage Renal Failure Patients on Maintenance Hemodialysis
Kishan Lal Gupta, MD, DM
- 76 A Case of Helicobacter Cinaedi Cellulitis and Bacteremia in Patient with End-stage Renal Disease Receiving Maintenance Hemodialysis
Makoto Hirakawa, MD, PhD
- 77 Advances in Peritonitis Root Cause Analysis
Amy Sholes, RN

METABOLISM, CKD-MBD

- 78 A Service Review to Assess if Innovative Intensive Phosphate Dietary Education Can Help Reduce Phosphate Levels to the Recommended Range in a Haemodialysis Population - *Eileen Duff*
- 79 Effect of Ferric Citrate on Serum Phosphate Control in Patients on Peritoneal Dialysis : Real-world Data
Debra Hain, ANP/GNP
- 80 Alanyl-Glutamine Addition to Biocompatible Peritoneal Dialysis Fluid Modulates IL-1 and IL-6 Signaling in Peritoneal Effluent Cells
Rebecca Herzog, MSC
- 81 Plasma Levels of Triglyceride-rich Lipoprotein Remnants Were High and the Triglyceride-rich Lipoprotein/triglyceride-rich Lipoprotein Remnants Ratio was Low in Hemodialysis Patients
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- The Fundamentals of Dialysis in Children (March 11) up to 8.25 hours
- A Comprehensive Course in Hemodialysis (March 11) up to 8.25 hours
- Home Hemodialysis Symposium (March 11) up to 8.5 hours
- Peritoneal Dialysis Management: Clinical Aspects (March 11) up to 8.5 hours

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- A Comprehensive Course in Hemodialysis (March 11) up to 8.16 hours
- Home Hemodialysis Symposium (March 11) up to 8.41 hours
- Peritoneal Dialysis Management: Clinical Aspects (March 11) up to 8.5 hours

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