



Designed for health professionals: physicians, fellows, nurses, dietitians and social workers

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ABSTRACT DEADLINE: October 1, 2013



Please visit our website
medicine.missouri.edu/dialysis

for instructions and online submission. Paper forms are also available for you to download.

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THE CONFERENCE

will be held Saturday, February 8 through Tuesday, February 11, 2014 at the Georgia World Congress Center in Atlanta, Georgia. Information about conference registration will be provided in this brochure. Information concerning conference housing as well as registration can be found at our website: medicine.missouri.edu/dialysis

CONTENTS

Course Description/Objectives	4
Conference Deadlines & Reminders	4
Pre-Conference Sessions	
Saturday, February 8	
The Fundamentals of Dialysis in Children	5, 6
Peritoneal Dialysis in North America	6
A Comprehensive Course in Hemodialysis	6, 7
Home Hemodialysis Fundamentals and Symposium	7, 8
ADC Technician Program	8, 9
Welcome and Awards	9
Preliminary Program	
Sunday, February 9 • Day 1	
General Session	10
Integrated Sessions	10, 11
HD Fundamentals and Advances Sessions	11, 12
PD Fundamentals and Advances Sessions	12, 13
25th Annual Symposium on Pediatric Dialysis	13, 14
Monday, February 10 • Day 2	
Fellows Forum	14
Nursing Keynote Presentation	14
Integrated Sessions	14, 15
HD Fundamentals and Advances Sessions	15, 16
PD Fundamentals and Advances Sessions	16, 17
25th Annual Symposium on Pediatric Dialysis	17, 18
Tuesday, February 11 • Day 3	
Integrated Sessions	18, 19
HD Fundamentals and Advances Sessions	19
PD Fundamentals and Advances Sessions	19, 20
25th Annual Symposium on Pediatric Dialysis	20
General Information	21
Abstract Deadline and Submission Instructions	21
Fellows' Scholarship Information	22
Registration Form	23

In an effort to 'go green', our primary source of publicity will be via email correspondence with the most current information available on our website: medicine.missouri.edu/dialysis. Therefore, it is critical for us to have a current email address for our participants. Please update your email by sending a message to: dialysis@health.missouri.edu.

COURSE DESCRIPTION

The Annual Dialysis Conference: the Thirty-fourth Annual Conference on Dialysis, and Twenty-fifth Annual Symposium on Pediatric Dialysis are presented by the University of Missouri School of Medicine, Department of Internal Medicine, Division of Nephrology; Continuing Medical Education; 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

Participants will be able to:

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.

The Annual Dialysis Conference has been endorsed by the following organizations:

- American Association of Kidney Patients
- American Kidney Fund
- American Society of Nephrology
- Board of Nephrology Examiners Nursing Technology
- Dialysis Outcomes and Practice Patterns Study (DOPPS)
- Dialysis Patient Citizens
- European Renal Association
European Dialysis and Transplant Association
- International Society for Hemodialysis
- International Society for Peritoneal Dialysis
- International Society of Nephrology
- Medical Education Institute
- National Kidney Foundation
- National Renal Administrators Association
- Renal Physicians Association
- University of Michigan Kidney Epidemiology and Cost Center

For more information on our listed endorsers, please visit our website medicine.missouri.edu/dialysis



Conference Deadlines and Reminders

✓ Abstract Submission Deadline: October 1, 2013

- Online Submission: medicine.missouri.edu/dialysis
Instructions & Submission Form available as pdf files to download and print also available on the website.

✓ Conference Registration

- Early registration fee ends December 12, 2013 (midnight deadline)
- Regular registration ends January 30, 2014 (midnight deadline)
- January 31: all registrants will pay the on-site fee

✓ Housing Submission Deadline:

Exhibitors: December 23, 2013

Attendees: January 1, 2014

- Hotel information and online reservations: medicine.missouri.edu/dialysis
- Reserve a room in the ADC hotel block and have a chance to win an iPad Mini
- Questions concerning conference housing?
Phone- (855)201-2609
Email- dialysisconf@eventsphere.com

✓ Please update your email address by sending an email to: dialysis@health.missouri.edu



Pre-Conference Sessions

SATURDAY • FEBRUARY 8, 2014

The Fundamentals of Dialysis in Children

8:00am-5:00pm

Presented in Cooperation with the American Society of Pediatric Nephrology

The care of children receiving chronic dialysis is a challenging, multi-disciplinary enterprise. The Fundamentals of Dialysis in Children is a day-long course designed to provide a complete review of the major issues involved in the management of pediatric hemodialysis and peritoneal dialysis patients. Taught by a faculty of international experts in pediatric dialysis care, The Fundamentals of Dialysis in Children is the only course of its kind currently available. While the course is presented at the level of the beginning pediatric dialysis physician-in-training, it will be of value to pediatric and adult nephrology fellows, pediatric and adult nephrologists, pediatric and adult dialysis nurses, allied personnel and all others who care for children in dialysis facilities.

Travel Grants for Fellows

Fellows are invited to submit 1 to 3 page case summaries describing problem pediatric peritoneal dialysis or hemodialysis cases. \$500 travel grants will be awarded to Fellows who submit cases chosen for presentation during The Fundamentals of Dialysis in Children course. In addition, all Fellows who submit cases will have registration fees waived for both the Fundamentals course and the main Dialysis Conference that follows.

Cases should be chosen to illustrate and emphasize important aspects of the management of pediatric dialysis patients especially as they differ from adult patients. Case summaries describing unusual or atypical patients may also be submitted if they serve to call attention to an event or circumstance that may be encountered in the care of pediatric dialysis patients. Finally, cases that seem likely to “stump the consultants” will be given additional consideration. Winning Fellows will be invited to present their cases during the “Fellows’ Case Forum” session during the Fundamentals course. Members of the Fundamentals faculty who have not seen the case summaries will serve as the panel of consultants. Cases should be organized so that they lead to one or more management questions that can be posed to the consultants and the audience.

Case summaries should be submitted as an electronic file attached to an e-mail. Please submit to both of the following e-mail addresses: ksands@stanford.edu (Kimberly Sands) and John.Mahan@nationwidechildrens.org (John Mahan, MD).

The deadline for receipt of case summaries is December 6, 2013. Winners will be notified in Mid-December. All who submit case summaries will be promptly notified by electronic

mail that their cases have been received. For urgent questions, please email or call Kimberly Sands at (650)723-7903 or ksands@stanford.edu. *Please do not send case summaries to the main conference office at the University of Missouri.*

8:00 Welcome - Steven Alexander, MD

Session I

Bradley Warady, MD; Helen Currier, BSN, RN, Presiding

8:10-10:20am

8:10 Peritoneal and Vascular Access: The Basics

Mary L. Brandt, MD

8:50 The Physiology of Dialysis - *Jordan Symons, MD*

9:20 PD Prescription and Adequacy - *Steven Alexander, MD*

9:50 HD Prescription and Adequacy - *Stuart Goldstein, MD*

10:20 Break

Session II

Franz Schaefer, MD; Nonnie Polderman, RD, Presiding

10:40-11:50am

10:40 Nutrition Guidelines for Children on Dialysis: A

Case-based Approach - *Rosanne Woloschuk, RD*

11:20 Growth and Growth Hormone Therapy

John Mahan, MD

11:50 Luncheon

Session III – Simultaneous Luncheon Sessions

Fellows’ Case Conference: Stump the Consultants

John Mahan, MD, Presiding

12:00-1:30pm

The Consultants: Stuart Goldstein, MD; Joanne Bargman, MD; Dan Feig, MD, PhD; Jordan Symons, MD; Mark Joseph, MD

Pediatric Dietitians’ Breakout Session

Nonnie Polderman, RD; Rosanne Woloschuk, RD, Presiding

12:00-1:30pm

Three Case Studies

- Infant- *Janice Jones, RD*
- Child- *Jamie Murfee, RD*
- Adolescent- *Sara Erickson, RD*

Pediatric Nursing Breakout Session

Theresa Mottes, RN, Presiding

12:30-1:30pm

12:30 Hypertension - *Eileen Brewer, MD*

1:30 Break

Continued on following page

Session IV

Alicia Neu, MD; Linda Jones, MHA, BSN, Presiding

1:45-3:15pm

- 1:45 Quality Assessment Performance Improvement (QAPI) in the Pediatric Dialysis Program
Amy Nau, MSN, MBA, RN
- 2:15 Diagnosis and Treatment of Renal Anemia
Bradley Warady, MD
- 2:45 Renal Bone Disease - *Kate Wesseling-Perry, MD*
- 3:15 Break

Session V

Steven Alexander, MD; Jessica Geer, MSN, C-PNP, Presiding

3:30-5:00pm

- 3:30 Major Infectious Complications Seen in Children on Dialysis - *Alicia Neu, MD*
- 4:00 Cardiovascular Complications in Dialyzed Children
Franz Schaefer, MD
- 4:30 Continuous Renal Replacement Therapy: The Basics
Jordan Symons, MD
- 5:00 Adjourn
- 5:15 Awards Ceremony
- 5:30 Reception begins in Exhibit Hall

Peritoneal Dialysis in North America: Challenges and Opportunities

8:30am-4:30pm

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

The second annual symposium presented by the North American Chapter (NAC) of the ISPD will present four different issues related to the practice of PD in the United States and Canada. The first session, "Peritonitis – Still With Us" will focus on the management of difficult cases of peritonitis. This session will be followed by three lectures related to peritoneal membrane failure, including encapsulating peritoneal sclerosis. After lunch we will discuss whether the metabolic risk of PD is overblown and will have a debate about whether systemic glucose loading in PD leads to harmful downstream events. The final session will be an open-ended discussion about the state of practice of home dialysis in Canada and the United States and whether the current models of incentives really work.

Greetings from the ISPD

- 8:30 Welcome by the current president of NAC
Peter Blake, MD
- 8:35 Welcome by the current president of ISPD
Joanne Bargman, MD

Session I: Peritonitis - Still With Us

Joanne Bargman, MD, Presiding

8:40-10:00am

- 8:40 Relapse, Recurrent and Repeat Peritonitis: What Do They Mean and How Do We Manage Them?
Eric Wallace, MD

- 9:00 Enteric and Fungal Peritonitis - *Thomas Golper, MD*
- 9:20 Immediate and Long-Term Systemic Risk of PD Peritonitis - *Rajnish Mehrotra, MD*
- 9:40 Best Demonstrated Practices to Reduce the Incidence of Peritonitis - *Joanne Bargman, MD*
- 10:00 Break

Session II: Peritoneal Membrane Failure**10:15am-12:00pm**

- 10:15 Pathobiology of Peritoneal Membrane Failure
Michael Flessner, MD, PhD
- 10:50 Can We Predict Those at Risk of Developing EPS?
Raymond Krediet, MD, PhD
- 11:25 Management of Membrane Failure and EPS
Isaac Teitelbaum, MD
- 12:00 Luncheon

Session III: The Metabolic Risk of Peritoneal Dialysis - What is the Evidence?**1:00-3:00pm****Debate: Systemic Glucose Loading Leads to Harmful Downstream Events****1:00-2:00pm**

- PRO: *Peter Blake, MD*
- CON: *John Burkart, MD*

Glucose-Sparing Regimens after IMPENDIA**2:00-3:00pm**

- Do the Risks Outweigh the Benefits? - *Anjali Saxena, MD*
 - Do Statins Reduce CV Risk in PD Patients? - *Rob Quinn*
- 3:00 Break

Session IV: Dialysis Care Models in Canada and the US: How Will These Affect HD Practice Today and in the Future?

Rajnish Mehrotra, MD; Peter Blake, MD, Presiding

3:15-4:30pm

Speakers: *Matthew Oliver, MD, MHS; Fredric Finkelstein, MD; Suzanne Watnick*

In Canada, Renal Networks have set specific targets for percentages of patients on home dialysis at 6 months. Certain interventions have been attempted, some of which have been more successful than others.

- 4:30 Adjourn
- 5:15 Awards Ceremony
- 5:30 Reception begins in Exhibit Hall

A Comprehensive Course in Hemodialysis**8:00am-5:00pm**

*Presented in Cooperation with the International Society
for Hemodialysis (ISHD)*

This unique, full day session is specifically designed to cover practical aspects of extracorporeal therapies for those who care for patients in dialysis facilities. The fundamentals are intended for nephrologists in training, practicing nephrologists, and advanced practice nurses. Internationally renowned speakers will provide theoretical background for practical aspects of extracorporeal therapies.

Basic Mechanisms and Emerging Technologies, Essentials of Anticoagulation

Madhukar Misra, MD, Presiding

8:00-11:30am

8:00 Essentials of Dialyzer and Non-Dialyzer Components of Hemodialysis Systems - *Madhukar Misra, MD*
Influence of capillary (hollow fiber) dialyzer design on clearances, ultrafiltration and backfiltration; types of membranes (cellulosic, substituted cellulosic, synthetic) and their properties; permeability to water and molecules of various sizes; Delivery of blood to the dialyzer: inflow tubing, pump, negative pressure monitor, infusion line; outflow tubing, bubble trap, positive pressure monitor; proportioning dialysis solution delivery (proportioning pump systems, heater and temperature control, negative effluent pump, negative pressure control, mixing vessel and de-aerator, blood leak detector).

9:00 Modes of Extracorporeal Therapies for the ESRD Patient: What a Nephrologist Needs to Know
Paul Cockwell, PhD
The lecture will include alternatives techniques to conventional maintenance HD: Hemodiafiltration (HDF) and Hemofiltration (HF), reviewing the techniques and setup for HDF and HF. What differences are between pre-dilution and post dilution fluid replacement methods? What size molecules are efficiently removed with each modality? How to choose 'filters' for these therapies? What is the evidence behind the use of HDF over HD?

9:45 Discussion

10:00 Break

10:15 Available Anticoagulants: Their Optimal Use On and Off Hemodialysis - *Andrew Davenport, MD*
Brief history of anticoagulation during hemodialysis, heparins (unfractionated, low molecular weight), systemic and local anticoagulation, direct thrombin inhibitors (hirudins, argatroban), citrate (in-line and in dialysate), Citrasate, fibrinolytics, warfarin, and others.

11:15 Discussion

11:30 Luncheon

Adequacy and Anemia

Zbylut Twardowski, MD, PhD, Presiding

12:15-3:00pm

12:15 Nephroquiz - *John Daugirdas, MD*
An interactive Q & A session highlighting practical aspects of hemodialysis with a special focus on adequacy.

1:00 Differences in Prescription Between Conventional and Alternative Hemodialysis Schedules: The Basics
John Agar, MBBS
Alternative regimens include short-daily HD and nocturnal HD. Both regimens can be performed at home or in the hospital setting. A prescription for alternative dialysis is very different when compared with conventional HD. This talk will address differences in dialysate concentrations, blood and dialysate flow

rates, ultrafiltration rates, vascular access issues and adequacy of HD between these different HD schedules.

1:45 Discussion

2:00 Anemia Management in Hemodialysis: A Practical and Evidence Based Approach - *Daniel Coyne, MD*
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, erythropoiesis stimulating agents administration as well as avoiding transfusions. More importantly 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 Discussion

3:00 Break

Mineral Bone Disease and Water Treatment

Kurtis Tarwater, MD, Presiding

3:15-5:00pm

3:15 Managing Mineral Bone Disease in HD Patients
Myles Wolf, MD

This talk will review the rationale behind the optimal use of phosphorus binders, prescribing the right dialysate Ca and Mg, use of Vitamin D analogues vs. calcimimetics, role of ergocalciferol in management of BMD etc.

4:00 Essentials of Water Treatment - *Suhail Ahmad, MD*
Importance of water quality and standards; contaminants: inorganic, organic, micro-organisms; 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.

4:45 Discussion

5:00 Adjourn

5:15 Awards Ceremony

5:30 Reception begins in Exhibit Hall

Home Hemodialysis Fundamentals

8:00am-5:00 pm

Presented in Cooperation with the International Society for Hemodialysis (ISHD)

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 elements of effective Home Hemodialysis.

This full day pre-session will provide an overview of the fundamental elements essential to successfully develop and maintain a home hemodialysis program for new, as well as for existing or expanding programs. The session will also allow

Continued on following page

interactive discussion with speakers and experts in the field.

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

**8:00 Welcome - Christopher Blagg, MD;
Leonor Ponferrada, BSN, RN**

Session I

Christopher Blagg, MD, Presiding

8:05-10:30am

- 8:05 When and Where It All Began - *Christopher Blagg, MD*
- 8:15 The Role of Patient Education in Promoting Home Dialysis - *Thomas Golper, MD*
- 8:45 Optimal Time and Frequency of Home Hemodialysis
John Agar, MBBS
- 9:15 Home Hemodialysis Prescriptions and Dialysis Adequacy- *Joel Glickman, MD*
- 9:45 Vascular Access for Home Hemodialysis
Surendra Shenoy, MD
- 10:15 Discussion
- 10:30 Break

Session II

Michelle Carver, BSN, RN, Presiding

10:45am-12:00pm

- 10:45 Management of Anemia - *Christopher Chan, MD*
- 11:15 Renal Bone Disease Management - *Brent Miller, MD*
- 11:45 Discussion
- 12:00 Luncheon

Session III

Simultaneous Session: Physicians Breakout Session

Thomas Golper, MD, Presiding

12:30-2:00pm

Panelists: *Robert Pauly, MD; Joel Glickman, MD, Andreas Pierratos, MD, Brent Miller, MD, Surendra Shenoy, MD*

Topics of Discussion:

- Home HD Prescription Dilemmas
- Managing Access Complications Preventing Drop-out
- Severe Adverse Events in Home Hemodialysis

2:00 Break

Simultaneous Session: Nursing Breakout Session

Lisa Koester, MSN, RN, Presiding

12:30-2:00pm

Panelists: *Michelle Carver, BSN, RN; Gordon Fullmer, BS; Dori Schatell, MS; Sylvia Donato-Moore, BSN, RN*

Topics of Discussion:

- Optimal Home Dialysis Training
- Care Partner Role
- Training Patients to Self-cannulate
- Patient Follow-up

2:00 Break

Session IV

Improving Retention and Preventing Dropout

Robert Lockridge, MD, Presiding

2:15-3:45pm

- 2:15 Preventing Clinical Complications
Robert Lockridge, MD
- 2:45 Alleviating the Caregiver Burden - *Gordon Fullmer, BS*
- 3:15 Providing Respite Care - *Lisa Koester, MSN, RN*
- 3:45 Break

Session V

Brent Miller, MD, Presiding

4:00-5:00pm

- 4:00 Implementing Clinical Practice Guidelines for Home Hemodialysis - *Robert Pauly, MD*
- 4:30 Looking Forward: The Future of Home Hemodialysis
Christopher Chan, MD
- 5:00 Adjourn
- 5:15 Awards Ceremony
- 5:30 Reception begins in Exhibit Hall

ADC Technician Program

8:00am-5:00pm

Presented in cooperation with the Dogwood Chapter of the American Nephrology Nurses Association (ANNA)

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

8:00 Welcome - Shirley Farrah, PhD, RN-BC

Session I

Lillian Pryor, MS, RN, Presiding

8:00-10:00am

- 8:00 The Certified Dialysis Technician: Performing at a Higher Level of Accountability in the Workplace
Danilo Concepcion, CBNT, CCHT-A
- 8:45 Frequently Asked Questions about Certification
Forest Rawls, Jr., BS, CCHT-A, CHT
- 9:15 Water Standards for Hemodialysis - *James Davis*
- 9:45 Discussion
- 10:00 Break

Session II

Roberta Simons, BSN, RN, Presiding

10:15am-12:15pm

- 10:15 Chlorine and Chloramine: A Matter of Life and Death
Mikki Ward, RN
- 10:45 Infection Control in Dialysis: Exposure Risks and Isolation Practices - *Matt Arduino, MS, DrPH*
- 11:45 Observation and Physical Measurements: Why Is this Important During Dialysis Treatments?
Gail Wick, BSN, RN
- 12:15 Luncheon

Session III

Forest Rawls, Jr., BS, CCHT-A, CHT, Presiding

1:00-2:30pm

- 1:00 Vascular Access: Back to Basics - *Lesley Dinwiddie, MSN, RN*
- 2:00 Fluid Management in Dialysis Patients
Lisa Koester, MSN, RN
- 2:30 Break

Session IV

Erma Boykin, MSN, MBA, HCM, RN, Presiding

2:45-5:00pm

- 2:45 Dialysis Emergencies: Prevention and Management
Karen Kelley, MHA, BSN, RN
- 3:15 Patient Centered Care: Your Role in Dialysis
Glenda Payne, MSN, RN
- 4:15 Effective Communication and Respect of Professional Boundaries in the Workplace - *Leanne Peace, MSW*
- 4:45 Summary, Discussion and Evaluations
Leonor Ponferrada, BSN, RN
- 5:00 Adjourn
- 5:15 Awards Ceremony
- 5:30 Reception begins in Exhibit Hall

The ADC Technician Program requires a separate registration

Online: medicine.missouri.edu/dialysis; Phone: 573-882-4105

We are inviting ALL nephrology nurses with no more than 12 months of experience in the field of dialysis to submit an application for a travel grant.

Recipients of the travel grant will receive waived registration to one of the Saturday pre-conferences of their choice and will be reimbursed for travel expenses up to \$1000. In order to be considered for selection, you must submit the following:

1. A one-page résumé
2. One letter of recommendation from your immediate supervisor
3. A one-page letter of support from your program director or nurse manager
4. A brief statement as to how your attendance at the pre-conference will directly benefit patient care

Submit required documents to Allison Rentfro:

Email: dialysis@health.missouri.edu

OR mail: University of Missouri

Office of Continuing Medical Education
c/o Allison Rentfro
2401 Lemone Indust Blvd; DC345.00
Columbia, MO 65212

All applications must be received no later than Tuesday, December 3, 2013. Notification of acceptance will be made after January 1, 2014.

This opportunity was made possible through the financial support of Baxter International, Inc.

WELCOME AND AWARDS CEREMONY

Saturday • February 8, 2014

5:15-6:15pm

Light Reception

*Karl D. Nolph, MD;**Leonor Ponferrada, BSN, RN, Presiding*

- 5:15 Welcome - *Karl Nolph, MD*
- 5:20 Lifetime Achievement Award in HD for Eli Friedman, MD
Presented by Madhukar Misra, MD
- 5:25 2014 ISHD Belding H. Scribner Trail Blazer Award in HD TBA
Presented by Madhukar Misra, MD
- 5:30 Lifetime Achievement Award in PD for John Burkart, MD
Presented by Ramesh Khanna, MD
- 5:35 Barbara Prowant Lifetime Achievement Award in Nephrology Nursing for Ana Elizabeth Figueiredo, MSc, RN
Presented by Leonor Ponferrada, BSN, RN
- 5:40 Best PD Abstract
Presented by Joanne Bargman, MD
- Best HD Abstract
Presented by Madhukar Misra, MD
- Best PD Nursing Abstract
Presented by Gillian Brunier, RN (EC), MScN, CNeph(c)
- Best HD Nursing Abstract
Presented by Leonor Ponferrada, BSN, RN
- Best Pediatric Abstract
Presented by Steven Alexander, MD
- 5:55 Update on next ISPD Congress
Joanne Bargman, MD; Rafael Selgas, MD, PhD
- 6:05 Update on next ISHD Congress
Madhukar Misra, MD
- 6:15 Light Reception following the ceremony located in the Exhibit Hall



Preliminary Program

FEBRUARY 9 - 11, 2014

Sunday • February 9, 2014

GENERAL SESSION

Karl Nolph, MD; Leonor Ponferrada, BSN, RN, Presiding
9:00-10:00am

- 9:00 Welcome - *Karl Nolph, MD; Leonor Ponferrada, BSN, RN*
- 9:10 **Keynote Address: Starting Dialysis; When, How and Whether** - *John Agar, MBBS*
- 9:35 **Keynote Address: Stephen Vas Memorial Lectureship: Have Guidelines Made Nephrologists Redundant in Dialysis Units?** - *John Burkart, MD*
- 10:00 Break

INTEGRATED SESSION PROGRAM

Late Morning Sessions 10:45am-12:15pm

Patient Survival Issues [10A]

Christopher Blagg, MD, Presiding

10:45am-12:15pm

- 10:45 "Can Health Care Systems Afford Dialysis for Those Disabled and/or Older Than 85?" - *Eli Friedman, MD*
- 11:15 Social Influences on Dialysis Patient Survivals
Carl Kjellstrand, MD
- 11:45 Should Patients Be Told About Survival and Quality of Life Expectations for All Choices of Dialysis Therapy? - *Joanne Bargman, MD*
- 12:15 Luncheon

Quality Improvement for ESRD: Challenges, Methods and Solutions [11A]

(Presented in Cooperation with The University of Michigan Kidney Epidemiology and Cost Center (UM KECC))

Rajiv Saran, MD, MS, MBBS, Presiding

10:45am-12:15pm

- 10:45 Whodunnit? Should Patient Outcomes Be Attributed to the Nephrologist, Facility or Chain?
Richard Hirth, PhD
- 11:10 Statistical Challenges and Approaches for the Dialysis "Quality Measure" Development - *Yi Li, PhD*
- 11:35 It Is Time to Choose "Time" for Real Quality Improvement - *Rajiv Saran, MD, MS, MBBS*
- 12:00 Discussion
- 12:15 Luncheon

Nursing and Health-related Program:

Clinical Topics I [12A]

Karen Schardin, BSN, RN, Presiding

10:45am-12:15pm

- 10:45 How Patients May Be Utilized to Support Other Patients: The Life Plan - *Vanessa Evans, BA, MA*
- 11:15 Transition Planning for the Next Modality - *Dana Clay*
- 11:30 The Spectrum of Care Giver Responsibilities
Gordon Fullmer, BS
- 12:00 Discussion
- 12:15 Luncheon

Afternoon Sessions 2:00-4:00pm

Basic Science Frontiers in PD and HD [20A]

Rafael Selgas, MD, PhD;

Raymond Krediet, MD, PhD, Presiding

2:00-4:00pm

- 2:00 New and Comprehensive View of the Peritoneal Response to Dialysis and Dialysis Components
Rafael Selgas, MD, PhD
- 2:30 Update on Clinical Studies of the Endothelial Glycocalyx in PD and HD Patients
Raymond Krediet, MD, PhD
- 3:00 Results with Tamoxifen in Preventing Encapsulating Peritoneal Sclerosis - *Rafael Selgas, MD, PhD*
- 3:30 What Do Serum Albumin and Hemoglobin Really Tell Us in HD and PD Patients? How Do We Correct for Volume Control? - *Raymond Krediet, MD, PhD*
- 4:00 Break

Special Workshop: Managing Dialysis Patients in Remote Areas via Telemedicine; Personal Experiences with a Demonstration [21A]

2:00-4:00pm

Jack Moncrief, MD

Special Workshop: Meet the Expert - An Opportunity for Conversation with Zbylut Twardowski, MD, PhD Who Has over 50 Years of Personal Experience with Dialysis [22A]

2:00-4:00pm

Zbylut Twardowski, MD, PhD

Nursing and Health-related Program:**Clinical Topics II [23A]****Linda McCann, RD, Presiding****2:00-4:00pm**

- 2:00 Health-related Quality-It's Not Just for Social Workers Any More: How Every Member of the Interdisciplinary Team Can Use HRQOL Scores to Impact Patient Care
Michelle Richardson, PharmD
- 2:45 Bundling Medications: Implications for Dietitians and Social Workers - *Linda McCann, RD; Meghan Hoefs, MSW*
- 3:15 Disaster/Emergency Preparedness: Emphasizing the Nutrition Component - *Karen Wiesen, MS, RD*
- 3:45 Discussion
- 4:00 Break

Late Afternoon Sessions 4:45-6:00pm**Clinical Topics [40A]****Rajnish Mehrotra, MD; Joanne Bargman, MD, Presiding****4:45-6:00pm**

- 4:45 Control of Chronic Metabolic Acidosis in Chronic Dialysis Patients – Comparison of PD and HD
Rajnish Mehrotra, MD
- 5:15 The Use of Diuretics in Dialysis Patients - Indications, Risks, Best Drug Choices and Proper Doses
Joanne Bargman, MD
- 5:45 Discussion
- 6:00 Adjourn

CKD and ESRD: Emerging Concepts [41A]**Chris McIntyre, MD, MBBS, Presiding****4:45-6:00pm**

- 4:45 Risk Prediction in CKD: The Essentials
Carmine Zoccali, MD
- 5:05 To Start (Dialysis) or Not: Balancing the Risks Versus Benefits - *Chris McIntyre, MD, MBBS*
- 5:25 Challenging the So-called "Standard of Care!" The concept of Incremental HD
Kamyar Kalantar Zadeh, MD, PhD, MPH
- 6:00 Adjourn

Nursing and Health-related Program: Professional Issues in Nephrology [42A]*(Presented in Collaboration with the American Nephrology Nurses Association (ANNA))***Loretta Jackson Brown, PhD(c), RN, Presiding****4:45-6:00pm**

The overall goal for this session is to use baseball to illustrate that all nurses can be All-Star players on the healthcare team. Like baseball, we never know what outfield the ball may be batted to. Like baseball, we know that if we are fit for the task we are better able to catch the ball and/or bat the ball for a homerun and help our team achieve success. Perhaps opening with the question: If you were choosing team members for your team in your organization, who would the best team players? Assuming that people have the right technical skills for the work to be done, what other factors would you use to select your team members?

4:45 Transcending Healthcare Chaos by Playing Ball
Rowena Elliott, PhD, RN

5:15 Making Your Nursing Career Anything But Routine
Loretta Jackson Brown, PhD(c), RN

6:00 Adjourn

HD FUNDAMENTALS & ADVANCES PROGRAM**Late Morning Sessions 10:45am-12:15pm****Mini-session on Vascular Access: Joint Session for Physicians and Nurses Part I [10B]****Surendra Shenoy, MD; Deborah Brouwer, RN, Presiding**

- 10:45 Catheter Designs and Indications - *Michael Tal, MD*
- 11:15 Dialysis Catheter Insertion Technique and Catheter Dysfunction - *Surendra Shenoy, MD*
- 11:45 Review of Available Locking Solutions for IV Catheters - *Aris Urbanes, MD*
- 12:15 Luncheon

Nursing and Health-related Program:**HD Clinical Topics I [11B]****Sally Burrows-Hudson, MSN, RN, Presiding****10:45am-12:15pm**

- 10:45 Really Changing Patients' Lives: Moving Beyond Kt/V and Other Metrics - *Thomas Parker III, MD*
- 11:30 Quality Incentive Program (QIP): Have We Identified the Right Clinical Measures? - *Glenda Payne, MSN, RN*
- 12:00 Discussion
- 12:15 Luncheon

State of the Art in Hemodialysis [12B]**Madhukar Misra, MD, Presiding****10:45am-12:00pm**

- 10:45 Hemodialysis Adequacy in 2014
Bernard Canaud, MD, PhD
- 11:10 Benefits of Cooled Dialysate: An Objective Look
Chris McIntyre, MD, MBBS
- 11:35 Pulmonary Congestion and CV Mortality in ESRD
Carmine Zoccali, MD
- 12:00 Luncheon

Afternoon Sessions 2:00-4:00pm**Features and Results with Home Hemodialysis Machines [20B]****Robert Lockridge, MD, Presiding****2:00-4:00pm**

- 2:00 2008K@Home (Fresenius) - *Mary Showers, BSN, RN*
- 2:20 NxStage Therapy System - *Daniel Call*
- 2:40 Quanta Self Care - *Peter Hoyer, MBA, RN*
- 3:00 Portable Sorbent Machine (Fresenius) - *David Updyke*
- 3:20 Physisia - *Roula Galland*
- 3:40 Summary by Robert Lockridge, MD
- 4:00 Break

Mini-session on Vascular Access: Joint Session for Physicians and Nurses Part II [21B]

Arif Asif, MD; Deborah Brouwer, RN, Presiding

2:00-4:00pm

- 2:00 Prevention and Management of Steal Syndrome in Patients with AV Fistula - *W. Kirt Nichols, MD, MHA*
- 2:25 High AVF Flow: How Should it be Managed? *Arif Asif, MD*
- 2:50 Buttonholes: Friend or Foe? History and Benefits and Technique *Tony Goovaerts, RN*
Problems, Management and Prevention *Janet Holland, MD*
- 3:50 Discussion
- 4:00 Break

Nursing and Health-related Program:

HD Clinical Topics II [22B]

Roberta Simons, BSN, RN, Presiding

2:00-4:00pm

- 2:00 Sodium Prescription in In-center HD and How it Affects the IDWG - *Brigitte Schiller, MD*
- 2:45 Why a Fluid Manager Makes Sense in Your Dialysis Clinic - *TBD*
- 3:15 Can Motivational Interviewing Affect IDWG? *Cynthia Russell, PhD, RN*
- 3:45 Discussion
- 4:00 Break

Late Afternoon Sessions 4:45-6:00pm

Demonstrations: Features and Results with Home Hemodialysis Machines [40B]

Robert Lockridge, MD, Presiding

4:45-6:00pm

Fresenius, NxStage, and Physidia

Optimizing Dialysis Practice for Improving Patient Survival on HD [41B]

Suhail Ahmad, MD; Bernard Canaud, MD, PhD, Presiding

4:45-6:00pm

- 4:45 The Case for Novel Membranes - *Andrew Davenport, MD*
- 5:05 Ultrapure Water is Key in Determining Outcomes *Suhail Ahmad, MD*
- 5:25 Hemodiafiltration is the Future *Paul Cockwell, MD, PhD*
- 6:00 Adjourn

Mini-session on Vascular Access: Demonstration of Physical Assessment and Evaluation of the Hemodialysis Access Part III [42B]

Deborah Brouwer, RN, Presiding

4:45-6:00pm

Panel: Surendra Shenoy, MD; Arif Asif, MD; Aris Urbanes, MD

This session will feature live demonstration with patient models covering the following topics:

- Physical Examination for Access Planning
- Preparing for Access Placement: Vessel Mapping
- Physical Examination of an Existing Dialysis Access
- Use of Ultrasound in Evaluating a Functioning Dialysis Access

Nursing and Health-related Program: Panel Presentation Basic Cardiovascular Assessment and Fluid Management [43B]

Presider: TBD

4:45-6:00pm

Panel: Lisa Koester, MSN, RN, Karen Wiesen, MS, RD, Richard Amerling, MD

Cardiovascular disease is the leading killer for both men and women among all racial and ethnic groups in the U.S. In dialysis patients, hypertension and fluid overload are believed to be significant factors contributing to their cardiovascular problems.

This session will help you develop skills in gaining a thorough understanding of your dialysis patient's cardiovascular condition which will be a significant help in the dialysis Interdisciplinary team efforts in adjusting fluid status and cardiac management.

PD FUNDAMENTALS & ADVANCES PROGRAM

Late Morning Sessions 10:45am-12:15pm

PD in Special Circumstances [10C]

Michael Flessner, MD, PhD, Presiding

10:45am-12:15pm

- 10:45 Urgent Start PD - *Anjali Saxena, MD*
- 11:15 PD in the Post-surgical Patient - *Pranay Kathuria, MD*
- 11:45 Role of Intra-abdominal Pressure on PD Clearances and Ultrafiltration; Clinical Implications *Mike Flessner, MD, PhD*
- 12:15 Luncheon

Nursing and Health-related Program: PD Nursing Fundamentals I [11C]

Donna Maaz, BSN, RN

10:45am-12:15pm

- 10:45 Basic and Advanced Peritoneal Membrane Physiology- *Steven Guest, MD*
- 11:30 PET and Membrane Classification - *Maria Luongo, MSN, RN*
- 11:55 What is the Right Prescription? Case Presentations and Interactive Discussion - *Maria Luongo, MSN, RN; Steven Guest, MD*
- 12:15 Luncheon

Nursing and Health-related Program: PD Nursing Clinical Topics I [12C]

Judith Bernardini, BSN, RN, Presiding

10:45am-12:15pm

- 10:45 Assessment of Body Volume and Body Composition in PD Patients - *Ana Elizabeth Figuerido, MSc, RN*
- 11:15 PD Adequacy: Clinical Pearls - *Gillian Brunier, RN (EC), MScN, CNeph(c)*
- 11:45 Discussion
- 12:15 Luncheon

Afternoon Sessions 2:00-4:00pm**Peritonitis [20C]****William Salzer, MD, Presiding****2:00-4:00pm**

- 2:00 Peritonitis as a Cause of Technique Failure: Prevention Strategies - *Kunal Chaudhary, MD*
- 2:30 Peritonitis from Atypical Organisms - *William Salzer, MD*
- 3:00 Exit-site and Tunnel Infections: Prevention and Treatment - *Preethi Yerram, MD*
- 3:30 Indications and Timing of Catheter Removal
William Salzer, MD
- 4:00 Break

Nursing and Health-related Program:**PD Nursing Fundamentals II****PD Catheters and Catheter Care [21C]****Kathy Oliver, BSN, RN, Presiding****2:00-4:00pm**

- 2:00 Choosing the Most Appropriate PD Catheter and Exit Site: Stencil-based Pre-operative Mapping
John Crabtree, MD
- 2:45 Care of the PD Catheter: Post Implantation Period
Debra Appleton, RN, MN, CNeph(c)
- 3:15 Chronic Catheter and Exit-site Care
Joanna Neumann, RN
- 3:45 Discussion
- 4:00 Break

Nursing and Health-related Program:**PD Nursing Clinical Topics II****Unplanned Dialysis Initiation: Urgent Start PD [22C]****Cheryl Groenhoff, MSN, MBA, RN, Presiding****2:00-4:00pm**

- 2:00 Urgent PD vs. IPD - *Thomas Watson, MD*
- 2:45 How to Develop a Program - *Cassandra Denney, RN*
- 3:15 Education and Support of Patients Who Had Acute Start PD - *Barbara Valle, BSN, RN*
- 3:45 Discussion
- 4:00 Break

Late Afternoon Sessions 4:45-6:00pm**Peritoneal Dialysis: Clinical Issues I [40C]****Fredric Finkelstein, MD, Presiding****4:45-6:00pm**

- 4:45 PD Outcomes with Biocompatible Compared with Standard PD Solutions - *Isaac Teitelbaum, MD*
- 5:15 Recruiting and Retaining PD: What is the Nephrologist's Role? - *Fred Finkelstein, MD*
- 5:45 Discussion
- 6:00 Adjourn

Nursing and Health-related Program:**PD Nursing Fundamentals III [41C]****Sherry Chinnock, BSN, RN, Presiding****4:45-6:00pm**

- 4:45 PD Catheter Dysfunction: Early Recognition and Management - *Lisa Ales, MSN, NP-C, FNP-BC*

- 5:15 Preventing Catheter-related Infections

Judith Bernardini, BSN, RN

- 5:45 Discussion

- 6:00 Adjourn

Nursing and Health-related Program: PD Nursing Clinical Topics III [42C]**Barbara Valle, BSN, RN, Presiding****4:45-6:00pm**

- 4:45 Measuring and Improving Patient Experience in Dialysis - *Michelle Richardson, PharmD*
- 5:30 How to Develop and Implement QAPI in a PD Program - *Peggy DePascal, RN*
- 6:00 Adjourn

25TH ANNUAL PEDIATRIC DIALYSIS SYMPOSIUM**Late Morning Sessions 10:45am-12:15pm****Session I [10D]****Bradley Warady, MD; Helen Currier, BSN, RN, Presiding****10:45am-12:15pm**

- 10:45 Welcome - *Steven Alexander, MD*
- 10:50 Keynote - The Bone, Kidney, & Cardiovascular Triangle - *Myles Wolf, MD*
- 11:45 Best Abstract #1
- 12:00 Best Abstract #2
- 12:15 Luncheon

Pediatric Luncheon Breakout Sessions**12:15-1:30pm****Faculty Guided Tours of the Pediatric Posters****1:30-2:00pm**

All Pediatrics posters will be displayed Sunday, February 9 through Tuesday, February 11 located outside the Pediatric Sessions room.

Afternoon Session 2:00-4:00pm**Symposium on Acute Kidney Injury in Children [20D]****Steven Alexander, MD; Jessica Geer, MSN, C-PNP, Presiding****2:00-4:00pm**

- 2:00 AKI in the Newborn: Challenges in Diagnosis and Management - *David Askenazi, MD*
- 2:35 State of the Art; Renal Angina: The Case for Biomarkers in the Diagnosis of AKI in Adults and Children
Stuart Goldstein, MD
- 3:10 Challenges in the Management of the Pediatric AKI Patient: A Simulation Exercise - *Theresa Mottes, RN*
Presenting the Video Simulations
(Videos of simulations depicting difficult MD, RN and RD decisions in AKI management using CRRT, IHD and PD)
Panelists: *Suzanne White, BSN, RN; Stuart Goldstein, MD; David Askenazi, MD; Jamie Murfee, MS, RD, LD*
- 4:00 Break

Pediatric Nutrition Symposium Session I [21D]**2:00-4:00pm****Mary Ann Nightingale, RD; Jacob Taylor, MS, RD, LD**

Hot Topics: nPNA and Assessing Nutritional Adequacy in PD; Dietary Uric Acid

Late Afternoon Sessions 4:45-6:00pm

Hot Topics I [40D]

Franz Schaefer, MD, Presiding

4:45-6:00pm

- 4:45 Adaptive PD - *Michel Fischbach, MD, PhD*
- 5:10 Morphology and Physiology of the Interstitium
Michael Flessner, MD, PhD
- 5:35 "Omics" of the Peritoneum - *Christoph Aufricht, MD*
- 6:00 Adjourn

Pediatric Nursing Symposium Session I [41D]

Suzanne White, BSN, RN, Presiding

4:45-6:00pm

- 4:45 Getting to Bucket Lists - *Sam Perna, MD*
- 5:15 A Parent's Perspective - *Cindy Lillard*
- 5:35 Caregiver Wellness - *Lou Lacey, LPC*
- 6:00 Adjourn

Pediatric Nutrition Symposium Session II [42D]

4:45-6:00pm

Eileen Brewer

Got a Diagnosis?...What's the Nutrition Care Plan?

Monday • February 10, 2014

NURSING KEYNOTE

Barbara Prowant Lectureship [10E]

Igniting Evidence-Based Practice in Nursing and Healthcare: Key Strategies for Success

Speaker: Bernadette Melnyk, PhD, RN, CPNP/PMHNP, FNAP, FAAN

10:45am-12:15pm

Health care organizations as well as federal agencies and policy-making bodies are now emphasizing the importance of evidence-based practice (EBP). Health care that is evidence-based and conducted in a caring context as well as an organizational culture and ecosystem leads to better clinical decisions and patient outcomes. Join Dr. Bernadette Melnyk in her keynote presentation and gain knowledge and skills in the EBP process that goes beyond the status quo.

Dr. Melnyk is the Dean of the College of Nursing and Associate Vice President for Health Promotion and Chief Wellness Officer at The Ohio State University. She is a Fellow in the American Academy of Nursing, The American Academy of Nurse Practitioners and she is a distinguished practitioner in the National Academies of Practice. She is a nationally/internationally recognized expert in evidence-based practice and she has worked with numerous healthcare systems throughout the nation and globe to advance and sustain evidence-based practice.

INFECTION PREVENTION AND SAFETY IN DIALYSIS SYMPOSIUM

Joint Symposium for Physicians & Nurses

(Developed in Collaboration with the Centers for Disease Control and Prevention (CDC))

Infection Prevention and Safety in Dialysis [01E]

Loretta Jackson-Brown, PhD(c), RN, Presiding

8:00-10:00am

- 8:00 National Healthcare Safety Network Update:
Vascular Access Infections - *Priti Patel, MD*
- 8:40 Strategies to Prevent Vascular Access Infections
Virginia Bren, MPH, RN, CIC; Karen Kelley, MHA, BSN, RN
- 9:50 Discussion
- 10:00 Break

Kurtis Tarwater, MD, Presiding [20E]

2:00-4:00pm

- 2:00 Antimicrobial Use in Dialysis - *Erika D'Agata, MD, MPH*
- 2:40 Pneumococcal Vaccine Recommendations for High Risk Adults - *Tamara Pilishvili, MPH*
- 3:20 Role of the Environment in Disease Transmission
Matt Arduino, MS, DrPH
- 3:50 Discussion
- 4:00 Break

Hepatitis C Virus Infection:

Outbreaks, Screening, and Prevention [40E]

Glenda Payne, MSN, RN, Presiding

4:45-6:00pm

This session will describe problems identified during HCV infection outbreaks in US dialysis centers. Speakers will present screening programs, outline current infection control and prevention recommendations and discuss management strategies.

Speakers: Nicola Thompson, PhD; Duc Nguyen, MD

FELLOWS FORUM [01F]

Jack Moncrief, MD, Presiding

8:00am-12:00pm

- 8:00 Status of Interventional Nephrology in Nephrology Training - *Arif Asif, MD*

INTEGRATED SESSION PROGRAM

Early Morning Sessions 8:00am-10:00am

Nursing and Health-related Program: Patient Education [01A]

Leanne Peace, MSW, Presiding

8:00-10:00am

- 8:00 Patient Education in CKD and ESRD: Merging the Left and Right Brain - *Andreas Pierratos, MD*
- 8:30 New Online Modality Choice Decision Aid for Stages 4-5 CKD - *Dori Schatell, MS*
- 9:15 The Role of Health Literacy as a Potential Barrier to Self-Management - *Kerri Cavanaugh, MD, MHS*
- 9:45 Discussion
- 10:00 Break

Nursing and Health-related Program: Clinical Topics III [02A]

Roberta Simons, BSN, RN, Presiding

8:00-10:00am

- 8:00 Chronic Kidney Disease: 2012 KDIGO Definition and Classification and Clinical Care Implications
Mary Schira, PhD, RN
- 8:45 Deciphering CKD – MBD - *Alicia Neu, MD*
- 9:15 Who's Managing Who: Anemia Management in Today's Dialysis Environment
Sheila Doss-McQuitty, MBA, BSN, RN
- 9:45 Discussion
- 10:00 Break

Late Morning Sessions 10:45am-12:15pm

The Future of RRT [15A]

Zbyslut Twardowski, MD, PhD, Presiding

10:45am-12:15pm

- 10:45 Where Are We with the Implantable Artificial Kidney?
William Fissell, MD
- 11:15 Status of the Wearable Artificial Kidney - *Victor Gura, MD*
- 11:45 Bio Artificial Kidney: Current Status and Future Promise - *David Humes, MD*
- 12:15 Adjourn

Afternoon Sessions 2:00-4:00pm

Nursing and Health-related Program:

Abstract Boot Camp [25A]

2:00-4:00pm

Speaker: *Cynthia Russell, PhD, RN*

Panelists: *Mary Schira, PhD, RN; Leslie Dinwiddie, MS, RN; Jeannine Farina, MSN, RN; Helen Currier, BSN, RN*

When you listen to a presentation, do you sometimes think "I could do a presentation like that! I wish I had submitted an abstract to this conference!" This is your opportunity to make that dream into reality for next year's conference. We will provide background information on developing an abstract. Experts will then guide you through the process of writing your abstract. You will leave this session with an abstract draft that will be nearly ready for submission to ADC or other professional meetings in 2015.

Late Afternoon Sessions 4:45-6:00pm

Clinical Topics [45A]

John Burkart, MD; Peter Blake, MD, Presiding

4:45-6:00pm

- 4:45 "PD First" has Been Widely Encouraged, Why isn't PD Growing Faster? - *John Burkart, MD*
- 5:15 The Risks Associated with Permcaths are Overblown
Peter Blake, MD
- 5:45 Discussion
- 6:00 Adjourn

Special Workshop: Sharing a Moment in History (The Birth of CAPD) [46A]

4:45-6:00pm

Jack Moncrief, MD

Extracorporeal Therapy for Non-renal Indications [47A]

Rod Kenley, MS, Presiding

4:45-6:00pm

- 4:45 Extracorporeal Blood Purification (EBP) for Treating Infectious Diseases, Sepsis, Bioterror Attacks and Cancer - Aethlon - *Rod Kenley, MS*
- 5:10 Peritoneal Lavage-based Therapeutic Hypothermia for Infarct Reduction-Velomedix - *John A. McPherson, MD*
- 5:35 Use of Extracorporeal Blood Purification (EBP) in the Military for Burn Victims - *Kevin Chung, MD*
- 6:00 Adjourn

Workshop on Assessment of Nutrition Status: Subjective Global Assessment (SGA)

Joint Session for Nurses and Dietitians [48A]

Lisa Gutekunst, MSEd, RD, Presiding

4:45-6:00pm

Speaker: *Linda McCann, RD*

Subjective Global Assessment is a simple bedside method of assessing the risk of malnutrition and identifying those who would benefit from nutritional support. "Its validity for this purpose has been demonstrated in a variety of conditions including surgical patients, those with cancer, on renal dialysis and in the ICU."- Dr. Khurshed Jeejeebhoy

This session will review the principles and practical aspects of SGA. A hands-on workshop will provide instruction and practice for performing the physical exam as part of the SGA.

HD FUNDAMENTALS & ADVANCES PROGRAM

Early Morning Sessions 8:00am-10:00am

Home Hemodialysis I: Joint Session for Physicians and Nurses [01B]

Christopher Blagg, MD, Presiding

8:00-10:00am

- 8:00 40 Years of Home Hemodialysis Experience in Belgium: What Can We Learn From Them?
Tony Goovaerts, RN
- 8:30 Home Hemodialysis in Rural Communities
Les Spry, MD
- 9:00 Dialysis At Home: A Virtual Hemodialysis Satellite
Andreas Pierratos, MD
- 9:40 Discussion
- 10:00 Break

Late Morning Sessions 10:45am-12:15pm

Home Hemodialysis II: Joint Session for Physicians and Nurses [15B]

Andreas Pierratos, MD, Presiding

10:45am-12:15pm

- 10:45 Dancing with Dialysis: One Step Forward, Two Steps Back - *John Agar, MBBS*
- 11:30 Severe Adverse Events in Home HD: Incorporating a Quality Management Plan - *Robert Pauly, MD*
- 12:00 Discussion
- 12:15 Luncheon

Afternoon Sessions 2:00-4:00pm

The Dialysis Outcomes and Practice Patterns Study (DOPPS) Program: Recent Findings and Next Steps [25B]**Francesca Tentori, MD, MS;****Rajiv Saran, MD, MS, MBBS, Presiding****2:00-4:00pm**

- 2:00 Introduction and DOPPS Overview
Francesca Tentori, MD, MS
- 2:10 DOPPS Practice Monitor: Trends in US Dialysis and International Comparisons - *Rachel Fissell*
- 2:35 HD Session Length and Ultrafiltration Rate: Should DOPPS Findings Influence US Practice?
Rajiv Saran, MD, MS, MBBS
- 3:00 A Novel Collaboration with ISPD to Improve PD Research and Outcomes - *Roger Greenwood*
- 3:25 Empowering Patients on Choices for Renal Replacement Therapy: A New Study of Patient Reported Outcomes Related to Modality Choice
Francesca Tentori, MD, MS
- 3:50 Discussion
- 4:00 Break

A Clinical Forum on AKI (Basics and Advances) [26B]**Andrew Davenport, MD, Presiding****2:00-4:00pm**

- 2:00 Does AKI Really Lead to CKD? - *Kamyar Kalantar Zadeh, MD, PhD, MPH*
- 2:25 Managing Acid Base Disorders on CRRT
Bernard Canaud, MD, PhD
- 2:50 AKI and Myeloma: Do High Cut Off Membranes Really Help? - *Paul Cockwell, MD, PhD*
- 3:15 Dialysis Dosing in AKI: What Is Important to Know?
John Daugirdas, MD
- 3:40 Discussion
- 4:00 Break

AV Fistula Complications [27B]**Zbylut Twardowski, MD, PhD, Presiding****2:00-4:00pm**

- 2:00 Fistula Related Heart Failure in Dialysis and Transplant Patients: Case Report - *Kunal Malhotra, MD*
- 2:25 High Fistula Blood Flow is Toxic; Why Do We Create Toxic Fistulas? - *Richard Amerling, MD*
- 2:50 Various Methods of Toxic Fistula Treatment
W. Kirt Nichols, MD, MHA
- 3:20 How to Create AVF to Prevent Fistula Toxicity?
Haimont Wasse, MPH
- 3:40 Discussion
- 4:00 Break

Home Hemodialysis III [28B]**Karen Schardin, BSN, RN, Presiding****2:00-4:00pm**

- 2:00 Patient Retention: A Key to a Successful Home Program - *Keith Lester, BA, MA*
- 2:30 Making the Most of Home Visits: Key Elements
Sylvia Donato-Moore, BSN, RN
- 3:00 Overcoming the Biggest Barrier to Home Hemodialysis: Self-cannulation - *Lisa Koester, MSN, RN*

- 3:25 Utilizing Technology to Monitor Patient Outcomes
Michelle Carver, BSN, RN
- 3:50 Discussion
- 4:00 Break

Late Afternoon Sessions 4:45-6:00pm

Sodium as a Major Uremic Toxin [45B]**Richard Amerling, MD, Presiding****4:45-6:00pm**

- 4:45 Volume Overload Explains Associations Between Low Albumin and Hb with Excess Mortality
Richard Amerling, MD
- 5:05 Principal Benefit of Daily Dialysis is Better Volume Control - *Roger Greenwood*
- 5:25 Short Dialysis is Lethal - *Robert Lockridge, MD*
- 5:45 Discussion
- 6:00 Adjourn

Home Hemodialysis IV:**Joint Session for Physicians and Nurses****Panel Discussion: Effective Management of the Home****Hemodialysis Program [46B]****Brent Miller, MD, Presiding****4:45-6:00pm**

Panelists: *Thomas Golper, MD; Michelle Carver, BSN, RN; Sylvia Donato-Moore, BSN, RN, Wayne Evancoe*

This session will address all aspects of a Home Hemodialysis Program clinical operation including design and utilization of physical space, patient training, patient management issues after training, staffing, and reimbursement of home HD treatments.

 PD FUNDAMENTALS & ADVANCES PROGRAM

Early Morning Sessions 8:00am-10:00am

Nursing and Health-related Program:**PD Nursing Fundamentals IV****Peritonitis [01C]****Debra Appleton, RN, MN, CNeph(c), Presiding****8:00-10:00am**

- 8:00 Peritonitis: A Basic Approach to Pathophysiology, Diagnosis, and Nursing Management
Elizabeth Kelman, MEd, ACNP
- 8:40 PD Catheter Biofilm: What It Is and How Do You Get Rid of It - *Aris Urbanes, MD*
- 9:10 Review of Peritonitis Causative Organisms and ISPD Treatment Guidelines - *Lisa Ales, MSN, NP-C, FNP-BC*
- 9:40 Peritonitis Management Challenges: Guidelines and Adaptations - *Elizabeth Kelman, MEd, ACNP*
- 10:00 Break

Nursing and Health-related Program: PD Nursing Clinical Topics IV [02C]**Kathy Oliver, RN, Presiding****8:00-10:00am**

- 8:00 Fluid Management: Maximizing Ultrafiltration in PD
Ann Mancini, MSN, FNP, RN
- 8:30 Indications for Tidal and Low Reserve Volume PD
Jeannine Farina, MSN, RN

- 9:00 Managing Long Dwell for Maximum Effect in APD
Pamela Wegienka, BSN, RN
- 9:30 Prescription and Patient Management Dilemmas:
Real Patient Scenarios - *Kathy Oliver, RN*
- 10:00 Break

Afternoon Sessions 2:00-4:00pm

PD Physiology [25C]

Bengt Rippe, MD, PhD, Presiding

2:00-4:00pm

- 2:00 Ultrafiltration Characteristics of Glucose Polymers
with Low Polydispersity - *Bengt Rippe, MD, PhD*
- 2:30 Functional Alterations in PD Membrane over Time
Michael Flessner, MD, PhD
- 3:00 Novel Solutions for PD - *Isaac Teitelbaum, MD*
- 3:30 Hyper-branched Polyglycerol as an Osmotic Agent in
PD - *Bengt Rippe, MD, PhD*
- 4:00 Break

Nursing and Health-related Program:

PD Nursing Fundamentals V

Tips for the New PD Nurse [26C]

Joanna Neumann, RN, Presiding

2:00-4:00pm

- 2:00 Effective MD/Nurse Communication
Maria Luongo, MSN, RN
- 2:30 Scheduling Effective and Efficient Clinic Visits
Joanna Neumann, RN
- 3:00 Tracking Patient Treatments and Outcomes
Eileen Yanchewski
- 3:30 Managing Your Time Effectively
Jennifer O'Connor, BSN, RN
- 4:00 Break

Nursing and Health-related Program:

PD Nursing Clinical Topics V [27C]

Gillian Brunier, RN (EC), MScN, CNeph(c), Presiding

2:00-4:00pm

- 2:00 To Do or Not To Do: Catheter Removal in Severe
Peritonitis and Exit-site Infections
Judith Bernardini, BSN, RN
- 2:30 Encapsulating Peritoneal Sclerosis: Impact on Life on
PD - *Elizabeth Kelman, MEd, ACNP*
- 3:10 Dilemmas in Calciphylaxis Management in PD
Patients - *Sagar Nigwekar, MD, MMSc*
- 3:50 Discussion
- 4:00 Break

Late Afternoon Sessions 4:45-6:00pm

PD Outcomes [45C]

Wolfgang Winkelmayer, MD, Presiding

4:45-6:00pm

- 4:45 Is PD in the Pre-transplant Period Associated with
Better Outcomes after Transplantation Compared to
HD? - *Wolfgang Winkelmayer, MD*
- 5:15 Sodium and Volume Control in PD Patients
Fredric Finkelstein, MD
- 5:45 Discussion
- 6:00 Adjourn

Special Workshop: PD Prescription Writing [46C]

4:45-6:00pm

Ramesh Khanna, MD

Nursing and Health-related Program:

PD Nursing Fundamentals VI [47C]

Peggy DePascal, RN, Presiding

4:45-6:00pm

- 4:45 Staff Assisted PD Programs - *Debra Appleton, RN, MN, CNeph(c)*
- 5:15 Key Elements in Developing and Maintaining Skills
and Competencies in Acute and Extended Care
Facilities - *Jeannine Farina, MSN, RN*
- 5:45 Discussion
- 6:00 Adjourn

Nursing and Health-related Program: PD Nursing Clinical Topics VI [48C]

**Learn From Your Colleagues Panel Discussion: Practical
Solutions to Practical Problems in PD**

Michelle Hoffman, BSN, RN, Presiding

4:45-6:00pm

Panelists: *Joanne Bargman, MD, Maria Luongo, MSN, RN, Karen Wiesen, MS, RD, Joanna Neumann, RN, John Crabtree, 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
- Trouble Shooting
- Patient Management Issues

25TH ANNUAL PEDIATRIC DIALYSIS SYMPOSIUM

Early Morning Sessions 8:00am-10:00am

Symposium on More Frequent Hemodialysis [01D]

Bradley Warady, MD; Linda Jones MHA, BSN, Presiding

8:00-10:00am

- 8:00 Why 3x Week HD Provides Inadequate Dialysis for
Children - *Michel Fischbach, MD, PhD*
- 8:25 Current Worldwide Status of More Frequent HD in
Children: A Report from the International Pediatric
Dialysis Network - *Franz Schaefer, MD*
- 8:50 Cost Effective Strategies for Implementation of More
Frequent HD in a Pediatric Dialysis Program: In-center
Days; In-center Nights; HHD - *Helen Currier, BSN, RN*
- 9:20 Psychological Impact of More Frequent HD on Children
with ESRD Trying to Live Normal Lives
Rebecca Johnson, PhD
- 9:45 Free Communication III
- 10:00 Break

Late Morning Sessions 10:45am-12:15pm

Nursing Keynote [10E]

10:45am-12:15pm

See page 14 for more information

Hot Topics II: The Heart During Hemodialysis [15D]**Mark Joseph, MD, Presiding****10:45am-12:15pm**

- 10:45 Myocardial Stunning During HD
Christopher McIntyre, MD, MBBS
- 11:10 FGF23 and the Heart - *Kate Wesseling-Perry, MD*
- 11:35 Volume Management and Dialysis: How Aggressive Should We Be? - *Arjun Sinha, MD*
- 12:00 Free Communication IV
- 12:15 Luncheon

Pediatric Nutrition Symposium Session III [16D]**Phosphorus****10:45am-12:15pm****Lisa Gutekunst, MS, RD****Barriers to Phosphorus Management: It's Not Always the Patient's Fault****Pediatric Luncheon Breakout Sessions****12:15-1:30pm****Faculty Guided Tours of the Pediatric Posters****1:30-2:00pm**

All Pediatrics posters will be displayed Sunday, February 9 through Tuesday, February 11 located outside the Pediatric Sessions room.

Afternoon Session 2:00-4:00pm**Symposium: Clinical Challenges in Pediatric Dialysis: Case-based Presentations [25D]****Alicia Neu, MD; Amy Nau, MSN, MBA, RN, Presiding****2:00-4:00pm**

- 2:00 Pulmonary Hypertension: A "Silent" Clinical Challenge in Hemodialysis - *Arjun Sinha, MD*
- 2:25 Prevention and Management of Catheter Related Bacteremia - *Jessica Geer, MSN, C-PNP*
- 2:50 Ultrafiltration Failure: The Role of the PET
Franz Schaefer, MD
- 3:15 Depression: An Under-appreciated Complication of Chronic Dialysis in Children and Their Families
Rebecca Johnson, PhD
- 3:45 Free Communication V
- 4:00 Break

Pediatric Nutrition Symposium Session IV [26D]**PD and It's Nutritional Considerations****2:00-4:00pm****Mark Joseph, MD; Janice Jones, RD****Late Afternoon Session 4:45-6:00pm****Pediatric Dialysis Nursing Symposium:****Quality Dialysis Care [45D]****Bradley Warady, MD; Amy Nau, MSN, MBA, RN, Presiding****4:45-6:00pm**

- 4:45 An Operational Definition of Quality Dialysis Care
Helen Currier, BSN, RN
- 5:25 What Does Quality Mean to Patients and Their Families - *Cindy Lillard*
- 6:00 Adjourn

Tuesday • February 11, 2014**INTEGRATED SESSION PROGRAM****Early Morning Sessions 8:00am-10:00am****Debates and Lectures on Clinical Topics [05A]****John Van Stone, MD; Rajnish Mehrotra, MD, Presiding****8:00-10:00am****Debate 1: IV Iron Infusion to Reach a Target Saturation of 30-50% is:**

- 8:00 Associated with Toxicity in Dialysis Patients
John Van Stone, MD
- 8:10 Safe and is an Evidence Based Recommendation
Thomas Golper, MD
- 8:20 Discussion

Debate 2: In Regards to Measuring Serum PTH in Dialysis Patients:

- 8:30 Why Bother to Measure It? - *Peter Blake, MD*
- 8:40 PTH is a Gold Standard for Assessing Renal Osteodystrophy - *Rajnish Mehrotra, MD*
- 8:50 Discussion
- 9:00 "Can the Bowel Function as a Kidney?" - *Eli Friedman, MD*
- 9:30 Prevention of Cardiovascular Disease in Dialysis Patients - *Kul Aggarwal, MD*
- 10:00 Break

Nursing and Health-related Program: Clinical and Administrative Issues [06A]**CMS and Provider Collaboration to Improve Patient Outcome Through the Survey Process***(Presented in cooperation with the Renal Administrators Association (NRAA))***Glenda Payne, MSN, RN, Presiding****8:00-10:00am**

- 8:00 What to Expect During the Survey - *Debbie Cote, MSN, RN*
- 8:20 The Interdisciplinary Team's Role in the Survey Process - *Katrina Russell, RN*
- 8:40 The Medical Director's Role - *Thomas Golper, MD*
- 9:00 The Surveyor's Perspective - *Teri Spencer, RN*
- 9:20 Case Presentation and Interactive Discussion
- 10:00 Break

Late Morning Sessions 10:45am-12:15pm**Topics Important to the Success and Future of Dialysis [17A]****Rajnish Mehrotra, MD, Presiding****10:45am-12:15pm**

- 10:45 Assessing Myocardial Injury and Viability in Dialysis Patients - *Kul Aggarwal, MD*
- 11:15 Whither Lab Grown Kidneys and Other Futuristic Approaches to Renal Replacement Therapy
Eli Friedman, MD
- 11:45 The Future of Dialysis Therapy - What It Probably Will Be and What It Should Be - *Carl Kjellstrand, MD*
- 12:15 Adjourn

Clinical Quandaries in Dialysis [18A]**Paul Cockwell, MD, PhD, Presiding****10:45am-12:00pm**

- 10:45 Is There a Role for Parathyroidectomy in the Current Age of Calcimimetic Therapy for Secondary Hyperparathyroidism in ESRD Patients? *Myles Wolf, MD*
- 11:05 Hepcidin: Clinical Utility as a Diagnostic Tool and Therapeutic Target - *Daniel Coyne, MD*
- 11:25 Restless Legs Syndrome, Pruritus or Hiccoughs are Markers for Inadequate Dialysis? - *Kurtis Tarwater, MD*
- 11:45 Discussion
- 12:00 Adjourn

**Nursing and Health-related Program: Plenary Session
Doing What You Want to Do with the Rest of Your Life [19A]****Leanne Peace, MSW, Presiding****10:45am-12:15pm****Speaker: Leslie Dinwiddie, MS, RN**

As nephrology care givers, we are acutely aware that our work is focused toward maximizing our dialysis patients' quality and quantity of life and hopefully we are able help them realize important life goals and dreams. BUT WHAT ABOUT US? Do we have a "bucket list" of goals and dreams important to us? If so, do we have a realistic plan to make it happen? Please join Lesley Dinwiddie in this interactive session as she offers subjective experience and objective data on how we, as healthcare professionals, can nurture ourselves to achieve our lifetime goals.

HD FUNDAMENTALS & ADVANCES PROGRAM**Early Morning Sessions 8:00am-10:00am****Hemodialysis in the Elderly: Challenges and Opportunities [05B]****Madhukar Misra, MD, Presiding****8:00-10:00am**

- 8:00 What Are My Options? 'Educating the Elderly with ESRD' - *Rebecca Schmidt, DO*
- 8:25 Hemodialysis in the Elderly: The Pros and Cons *Madhukar Misra, MD*
- 8:50 Strategies to Improve Nutrition in the Elderly HD Patients - *Kamyar Kalantar-Zadeh, MD, PhD, MPH*
- 9:15 Suboptimal Initiation of HD in the Elderly and Transition to the Community - *Preethi Yerram, MD*
- 9:40 Discussion
- 10:00 Break

Nursing and Health-related Program:**HD Clinical Topics III [06B]****Linda McCann, RD, Presiding****8:00-10:00am**

- 8:00 Phosphorus Additives - *Lisa Gutekunst, MEd, RD*
- 8:30 Challenges for Bone and Mineral Disease in CKD: FGF-23 and More - *Daniel Coyne, MD*
- 9:20 Calcification + Anaphylaxis ≠ Calciphylaxis *Sagar Nigwekar, MD, MMSc*
- 9:50 Discussion
- 10:00 Break

Late Morning Sessions 10:45am-12:15pm**Vascular Access Care - What Are Patients Really Doing?:
Joint Session for Physicians and Nurses [17B]****Alan Collins, MD, Presiding****10:45am-12:00pm**

- 10:45 Presenting Results of a Multi-center HHD Patient and Clinician VA Survey - *Les Spry, MD*
- 11:05 What's Next: Implications for Clinical Practice Guidelines - *Rowena Elliott, PhD, RN*
- 11:20 Introducing a New VA Surveillance Registry *Joel Glickman, MD*
- 11:45 Discussion
- 12:00 Adjourn

PD FUNDAMENTALS & ADVANCES PROGRAM**Early Morning Sessions 8:00am-10:00am****Peritoneal Dialysis: Clinical Issues II [05C]****Pranay Kathuria, MD, Presiding****8:00-10:00am**

- 8:00 Factors Related to Lower Mortality with PD Compared to HD in the First 2 Years of Dialysis Therapy *Wolfgang Winkelmayer, MD*
- 8:30 Preventing PD Dropout - *Steven Guest, MD*
- 9:00 HTN Control in PD Patients - *Pranay Kathuria, MD*
- 9:30 Impact of Bundling on PD - *John Burkart, MD*
- 10:00 Break

Nursing and Health-related Program:**PD Nursing Fundamentals VII****Patient Education [06C]****Kathy Oliver, BSN, RN, Presiding****8:00-10:00am**

- 8:00 Therapeutic Education Program: Integrating Health Literacy Concepts with the Science of Nosology *Kim Schroeder, BSN, RN*
- 8:30 Patient Training: Data from BRAZPD *Ana Elizabeth Figuerido, MSc, RN*
- 9:00 Patient Training: Developing a Curriculum *Judith Bernardini, BSN, RN*
- 9:30 Top Ten Tips for Effective Patient Education Materials *Dori Schatell, MS*
- 10:00 Break

Nursing and Health-related Program:**PD Nursing Clinical Topics VII****Preventing Dropout and End of Life Management [07C]****Maria Luongo, MSN, RN, Presiding****8:00-10:00am**

- 8:00 Protecting the Peritoneal Membrane: Nursing Roles *Gillian Brunier, RN (EC), MScN, CNeph(c)*
- 8:30 Clinical, Patient and System Factors: Prevention Strategies - *Kunal Chaudhary, MD*
- 9:00 Maintaining Adequate Nutrition *Lisa Gutekunst, MEd, RD*
- 9:30 The Palliative Option: A Discussion of End of Life Issues and Management - *Elizabeth Kellman, MEd, ACNP*
- 10:00 Break

Late Morning Sessions 10:45am-12:00pm**Peritoneal Dialysis: Clinical Issues III [15C]****Steven Guest, MD, Presiding****10:45am-12:15pm**

- 10:45 Vascular and Arterial Calcification in PD Patients
Steven Guest, MD
- 11:15 Improving the Nutritional Status of the PD Patient
Joshua Botdorf, DO
- 11:45 PD in Immediate Post Transplant Period
Aleksandra Kukla, MD
- 12:15 Adjourn

25TH ANNUAL PEDIATRIC DIALYSIS SYMPOSIUM**Early Morning Sessions 8:00am-10:00am****Symposium: Stop Poisoning Our Patients! [05D]****Rosanne Woloschuk, RD; Alicia Neu, MD, Presiding****8:00-10:00am**

- 8:00 The Curse of Hidden Phosphorus
Marissa Juarez, MPH, RD, LD
- 8:25 Sodium and Fluid: The Assassins! - *Tom Parker III, MD*
- 8:50 Dietary Fructose and Primary Hypertension: The Uric Acid Connection? - *Dan Feig, MD, PhD*
- 9:15 Health Literacy and Numeracy: What Do They Mean and Why Do They Matter? - *Kerri Cavanaugh, MD, MHS*
- 9:45 Free Communication VI
- 10:00 Break

Late Morning Sessions 10:45-12:00pm**My Favorite Paper of 2013 [17D]****Steven Alexander, MD; Linda Jones, MHA, BSN, Presiding****10:45am-12:00pm**

- 10:45 My Favorite Pediatric Dialysis Nursing Paper
Jessica Geer, MSN, C-PNP
- 11:00 My Favorite CRRT Paper - *David Askenazi, MD*
- 11:15 My Favorite Pediatric Nutrition Paper
Nonnie Polderman, RD
- 11:30 My Favorite Basic Science/Physiology Paper
Dan Feig, MD, PhD
- 11:45 My Favorite Dialysis Clinical Paper - *Mark Joseph, MD*
- 12:00 Adjourn

SPEAKER/SESSION HANDOUTS

Handouts will be available as pdf files on our website as they are received. The CME Office is only able to provide handouts that are received from speakers. (Not all speakers submit handouts prior to the conference.)

Note: Speakers and topics are subject to change without notice.

CONFERENCE CHAIR

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Leonor Ponferrada, BSN, BSHM, RN, CNN, Education Coordinator, Dialysis Clinic, Inc.; Division of Nephrology, University of Missouri School of Medicine, Columbia, Missouri

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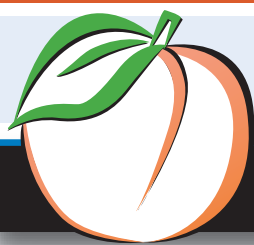
Steven R. Alexander, MD, Professor of Pediatrics, Chief, Pediatric Nephrology, Stanford University School of Medicine, Stanford, California
Helen Currier, BSN, RN, CNN, CENP Director, Renal Services, Pheresis, and Vascular Access team, Texas Children's Hospital, Houston, Texas
Bradley Warady, MD, Professor of Pediatrics, Children's Mercy Hospital and Clinics, Kansas City, Missouri

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General Information

34TH ANNUAL DIALYSIS CONFERENCE

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 the following hours of AMA PRA Category 1 Credit(s)[™]:

- 34th Annual Dialysis Conference (Feb. 9-11) up to 19.25 hours
- Fundamentals of Dialysis in Children (Feb. 8) up to 8 hours
- Comprehensive Course in Hemodialysis (Feb. 8) up to 7.75 hours
- Home Hemodialysis Fundamentals & Symposium (Feb. 8) up to 7.75 hours
- Peritoneal Dialysis in North America (Feb. 8) up to 6.5

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

NURSES

University of Missouri Sinclair School of Nursing is an approved provider of continuing nursing education by the Missouri Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Contact Hours will be awarded for the following offerings:

- 34th Annual Dialysis Conference (Feb. 9-11) up to 19.33 hours
- Fundamentals of Dialysis in Children (Feb. 8) up to 7.83 hours
- Comprehensive Course in Hemodialysis (Feb. 8) up to 7.75 hours
- Home Hemodialysis Fundamentals and Symposium (Feb. 8) up to 7.75 hours
- Peritoneal Dialysis in North America (Feb. 8) up to 6.33 hours
- Technician Program (Feb. 8) up to 7.75 hours

MONA Provider Approval Number 716-XII.

SOCIAL WORKERS:

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

- 34th Annual Dialysis Conference (Feb. 9-11) up to 16 hours
- Fundamentals of Dialysis in Children (Feb. 8) up to 7.5 hours
- Comprehensive Course in Hemodialysis (Feb. 8) up to 7.5 hours
- Home Hemodialysis Fundamentals & Symposium (Feb. 8) up to 9 hours
- Peritoneal Dialysis in North America (Feb. 8) up to 6.5

DIETITIANS:

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

Certificates: A certificate of completion can be downloaded and printed at the time you do your online evaluation.

CONFERENCE LOCATION & HOTEL INFORMATION

The conference will be held at the Georgia World Convention Center in Atlanta, Georgia. For more information on Hotel accommodations go to our website: medicine.missouri.edu/dialysis

REGISTRATION

There are significant savings for early conference registrants. For those registering by December 12, 2013 (midnight deadline), there will be a reduced fee of \$499 US dollars. After the December 12, 2013 deadline the fee will be \$650. From January 31, 2014 and through the conference dates the fee will be \$750 for all registrants. The registration fee includes the cost of the conference, welcome reception, continental breakfasts, coffee breaks, luncheons, the HD & PD abstract books: *Advances in Peritoneal Dialysis* Vol. 28, the proceedings issue of *Hemodialysis International* Vol. 16, and access to speaker handouts online. Fees may be paid by check, cash or credit card (on your credit card statement, conference fees will show as being paid to the University of Missouri). You may register by calling (573) 882-4105; by FAXing your registration form to [573] 882-5666 or by submitting your application online via our website som.missouri.edu/dialysis. We do not send confirmation that your fax was received. Please check your own transmission report.

ISPD, ISHD, and ISN members receive a \$10 discount for the conference only during the dates of February 9-11.

If you register without paying, you are responsible for payment whether or not you attend the conference.

International Registrants - Please Note: All checks must be drawn on US banks to avoid additional charges. We do not accept wire transfers.

Refunds - Full refund of fees, less \$100 USD processing charge per registrant, will be made if notice of cancellation is received by January 10, 2014. From January 11-24, half of the registration fee will be refunded. No refunds will be made after January 24. All cancellations must be in writing and may be emailed to dialysis@health.missouri.edu.

ABSTRACTS

We invite abstracts describing new research clinical experiences, case studies and quality improvement and education projects on PD and HD. Submissions will be considered for presentation during the Slide and Poster Sessions. Please use the abstract form and guidelines, and identify your submission as PD, HD or PD&HD. Proposals must be submitted by October 1, 2013. Acceptance does not waive the conference fee.

Online Submission: medicine.missouri.edu/dialysis
Instructions & Submission Form available as pdf files to download and print also available on the website.

AWARDS

Outstanding PD & Nursing Awards - The first author of the outstanding PD abstract and PD nursing abstract submitted to the Annual Dialysis Conference will each receive a plaque and a travel grant from the International Society for Peritoneal Dialysis. The awards will be presented on Saturday, February 8, 2014, during the Welcome Reception.

Outstanding Hemodialysis & Nursing Awards - The first author of the outstanding HD abstract and HD nursing abstract submitted to the Annual Dialysis Conference will each receive a plaque and a travel grant from the International Society for Hemodialysis. The awards will be presented on Saturday, February 8, 2014, during the Welcome Reception.

Pediatric Dialysis Awards - We invite abstracts describing new research on any aspect of dialysis in pediatric patients. All pediatric abstracts not selected for the Pediatric Symposium will be considered for presentation during Free Communications or Poster Sessions. A travel grant will be presented to the best pediatric abstract first-authored and presented by a physician; an additional travel grant will be presented for the best pediatric abstract first-authored and presented by a non-physician.

ABSTRACT & MANUSCRIPT PUBLICATIONS

All fully paid registrants will receive a copy of the journal *Peritoneal Dialysis International*, containing the peritoneal dialysis related abstracts from the conference; A copy of *Advances in Peritoneal Dialysis*, containing peer reviewed selected papers on peritoneal dialysis from the conference; and copies of *Hemodialysis International*, containing the hemodialysis abstracts from the conference and the proceeding issue, containing peer reviewed selected papers on hemodialysis.

Detailed descriptions of *Advances in Peritoneal Dialysis* and *Hemodialysis International* including editor information and how to order previous volumes can be found on our website: medicine.missouri.edu/dialysis

GRANTS/SCHOLARSHIPS

Nephrology Nurse Travel Grant - Nephrology Nurses with no more than 12 months of experience in the field of dialysis are invited to submit an application for a travel grant. Recipients of the travel grant will receive waived registration to one of the Saturday pre-conferences of their choice and will be reimbursed for travel expenses up to \$1000.

In order to be considered for selection, you must submit the following: a one-page résumé; one letter of recommendation from your immediate supervisor; a one-page letter of support from your program director or nurse manager; and a brief statement as to how your attendance at the pre-conference will directly benefit patient care.

Submit required documents to Allison Rentfro:

Email: dialysis@health.missouri.edu

OR mail: University of Missouri
Office of Continuing Medical Education
c/o Allison Rentfro
2401 Lemone Indust Blvd; DC345.00
Columbia, MO 65212

All applications must be received no later than Tuesday, Dec. 3, 2013. Notification of acceptance will be made after Jan. 1, 2014.

Adult Fellows' Scholarship - Fellows training in adult training programs are asked to submit a 1-3 page case summary of a challenging or unusual dialysis or transplant experience. Cases should preferably be organized in a manner to entice audience interaction. Selected cases will be presented in the Fellows Forum Session during the ADC. Fellows whose cases are selected for presentation are eligible for consideration for a waiver of all registration fees to all programs, pending availability of funds. Fellows submitting cases must include a brief letter from their Program Director verifying their fellowship status. **The deadline for case summary submission is December 6, 2013.**

Fellows submitting abstracts (as first author) to the adult slide forums or poster sessions are eligible for consideration for a waiver of all registration fees to all programs, pending availability of funds. **The deadline for the Fellow abstract submission is the same as for all abstract submissions (October 1, 2013).** Fellows submitting abstracts must notify us of the abstract submission and request to be included in the Fellows' Scholarship by sending a brief letter from their Program Director verifying fellowship status and identifying their abstract.

Adult Case summaries, Program Director letters and abstract information (if applicable) should be submitted to:

Claire Oser
Division of Nephrology
Clinical Education & Support Building
1 Hospital Drive, CE422
University of Missouri
Columbia, MO 65212
Phone: (573) 882-7992 Fax: (573) 884-4820
Email: oserc@health.missouri.edu

Pediatric Fellows' Scholarship - Pediatric Nephrology Fellows are invited to submit 1 to 3 page case summaries describing problem PD, HD or CRRT cases. Scholarships consisting of \$500 travel grants will be awarded to Fellows whose cases are chosen for presentation. In addition, pending availability of funds, all Fellows submitting case summaries, whether selected for presentation or not, will have registration fees waived for both the Fundamentals courses and the main Dialysis Conference that follows. Fellows training in a pediatric training program are asked to submit Pediatric HD, PD or CRRT cases to the Pediatric Dialysis Fundamentals Course.

Cases should be organization so that they lead to one or more management questions that can be posed to the consultants and the audience. **The deadline for case summary submission is December 6, 2013.**

Pediatric Fellows submitting abstracts (as first author) to pediatric slide forums or poster sessions are eligible for consideration for a waiver of all registration fees to all programs, pending availability of funds.

Case summaries should be submitted to the following:

Kimberly Sands and John Mahan, MD
Email: ksands@stanford.edu
John.Mahan@nationwidechildrens.org

For urgent questions, please call Kimberly Sands at (650)723-7903