Quality Improvement

SCOPE Dialysis Collaborative

A large-scale collaborative for children’s hospitals to improve outcomes, care and value for children on dialysis.

The Standardizing Care to Improve Outcomes in Pediatric End Stage Renal Disease (SCOPE) collaborative prevents infections in pediatric peritoneal dialysis and hemodialysis patients using large-scale collaboration to identify and spread effective interventions across pediatric care settings.

FOCUS

**Peritoneal Dialysis (PD)** | Preventing infections in PD patients reduces hospitalizations and allows patients to continue home-based dialysis and maintain normal school and family activities.

**Hemodialysis (HD)** | Similarly, preventing infections in HD patients reduces hospitalizations and the need for additional invasive procedures. SCOPE is also contributing to new knowledge about children on dialysis while improving outcomes.

IMPACT

- 389 episodes of peritonitis prevented
- 240 hospitalizations avoided
- Over $7.2 million saved in costs; SCOPE has demonstrated mean cost of hospitalizations for these patients is $30,011
- Peritonitis rate has dropped 38%; 30% reduction in hemodialysis BSI rate for original 15 HD centers
- A total of 41 sites now participate in SCOPE
- High level of scholarly output with 7 publications and 30+ international and national presentations
- 119 physicians have received Maintenance of Certification credit as of Feb. 2017
- Nurses eligible for 64 contact hours

SCOPE is a proud partner of the CDC’s Making Dialysis Safer for Patients Coalition. Putting #DialysisPatientsFirst!

Enroll by June 30 to begin participation in July.
Cherie Thomas | cherie.thomas@childrenshospitals.org | 913-981-4199

THANK YOU
Collaborative leadership is provided by internationally recognized faculty:

**Alicia Neu, MD**
Chief, Pediatric Nephrology, Medical Director, Pediatric Dialysis and Renal Transplantation
Johns Hopkins Children’s Center

**Brad Warady, MD**
Director, Division of Pediatric Nephrology, Director, Dialysis & Transplantation
Children’s Mercy Kansas City

**Nancy McAfee, MN, RN, CNN, MSN**
Pediatric Nephrology Nurse
Seattle Children’s Hospital

**Janet MacDonald, RN, BSN, CDN**
Dialysis Nurse
Boston Children’s Hospital

CHA extends appreciation to these committed clinicians and hospitals.

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NATIONALLY RECOGNIZED

SCOPE is recognized as evidence-based, data driven, effective and methodologically robust by leading national organizations:

- American Board of Pediatrics for MOC.
- American Nurses Credentialing Center (ANCC) for CNE credits.
- Participation in SCOPE earns points in the US News and World Report children’s hospital survey.
- Nephrologists Transforming Dialysis Safety (NTDS), a collaborative effort between the CDC and the American Society of Nephrology (ASN)
- The CDC’s Office of Infectious Diseases

RESEARCH, PUBLISHING AND PRESENTATION OPPORTUNITIES

SCOPE data is generating new knowledge about what works to help prevent dialysis-related infections in children, much of which has been presented at national and international meetings such as the Annual Dialysis Conference and the Pediatric Academic Societies’ meetings, and published in leading journals such as Pediatric Nephrology, Clinical Journal of the American Society of Nephrology, and Kidney International.

See the list of SCOPE presentations and publications at childrenshospitals.org/scope.

BENEFITS OF PARTICIPATING

- Improve safety and quality for patients
- Improve faster and at lower cost than working independently
- Solve small sample size/rare event problems
- Implement what works, reduce trial and error
- Reduce costs by sharing infrastructure, avoid design and development costs
- Clinician buy-in because SCOPE is designed for clinicians, by clinicians
- Meet Joint Commission and CMS QAPI standards
- Improve safety culture
- Expand staff QI know-how and experience

SCOPE’s data services are co-hosted with the North American Pediatric Renal Trials and Collaborative Studies (NAPRTCS) registry for the convenience of participating centers.

More than 40 children’s hospitals are already participating.

Find the list at childrenshospitals.org/SCOPE.

SCOPE OF SERVICES

You gain access to:

- National experts
- Care Bundles
- Data collection forms
- Data submission and reporting system
- Monthly data analysis
- Custom performance report
- Monthly aggregate benchmarking
- Webinars and workshops
- Team practices inventory
- QI methodology training
- Repository of tools and resources
- Collaborative data assets for analysis, research and publication
- Opportunities to share experiences and learn from peers

For enrollment details, contact
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Photo: Michael LeGrand, Wolfson Children’s Hospital, Jacksonville, Florida