

Acute Care Nephrology Fellowship Alumni Bios

2012-2013 Fellowship

Shina Menon, MD

Summary/Research interests

Assistant Professor
University of Washington Department of Pediatrics

Division of Nephrology
Seattle Children's Hospital
Seattle, WA

I lead our Acute Dialysis program. My research interests are AKI and extracorporeal therapies.

Peer reviewed publications/manuscripts

Menon S, Munshi R. **Blood-borne viral infections in pediatric hemodialysis.** *Pediatr Nephrol.* 2018 Jul 21.

Menon S, Goldstein SL, Mottes T, Fei L, Kaddourah A, et al. **Urinary Biomarker Incorporation into the Renal Angina Index Early in ICU Admission Optimizes Acute Kidney Injury Prediction in Critically Ill Children: A Prospective Cohort Study. *Nephrol Dialysis Transplant.* 2016 Feb; 0:1-9.

Kwiatkowski DM, Menon S, Krawczeski CD, Goldstein SL, Morales D, et al. **Improved Outcomes with Peritoneal Dialysis Catheter Placement after Cardiopulmonary Bypass in Infants. *J Thorac Cardiovasc Surg.* 2015 Jan;149(1):230-6.

Menon S, Kirkendall E, Nguyen H, Goldstein SL. **Nephrotoxic Medication Associated Acute Kidney Injury Results in Chronic Kidney Disease after 6 months. *J Pediatr.* 2014 Sep;165(3):522-7.

Sinha A, Menon S, Bagga A. **Nephrotic Syndrome: State of the art.** *Curr Pediatr Rep.* 2015 Mar;3(1):43-61.

Menon S, Valentini RP. **Membranous nephropathy in children: clinical presentation and therapeutic approach.** *Pediatr Nephrol.* 2010 Aug;25(8):1419-28.

Menon S, Valentini RP, Kapur G, Layfield S, Mattoo TK. **Effectiveness of a multidisciplinary clinic in managing children with chronic kidney disease.** *Clin J Am Soc Nephrol.* 2009 Jul;4(7):1170-5.

Arun S, Bhatnagar S, Menon S, Saini S, Hari P, Bagga A. **Efficacy of zinc supplements in reducing relapses in steroid-sensitive nephrotic syndrome.** *Pediatr Nephrol.* 2009 Aug;24(8):1583-6.

Menon S, Zeng X, Valentini R. **Fibrillary glomerulonephritis and renal failure in a child with systemic lupus erythematosus.** *Pediatr Nephrol.* 2009 Aug;24(8):1577-81.

Menon S, Valentini RP, Hidalgo G, Peschansky L, Mattoo TK. **Vitamin D insufficiency and hyperparathyroidism in children with chronic kidney disease.** *Pediatr Nephrol.* 2008 Oct;23(10):1831-6.

Afzal K, Bagga A, Menon S, Hari P, Jordan SC. **Treatment with mycophenolate mofetil and prednisolone for steroid-dependent nephrotic syndrome.** *Pediatr Nephrol.* 2007 Dec;22(12):2059-65.

Bagga A, Menon S, Hari P, Mantan M, Dinda A. **Nephrotic syndrome preceding psoriasis in children.** *Pediatr Nephrol.* 2007 Sep;22(9):1373-6.

Mantan M, Bagga A, Viridi VS, Menon S, Hari P. **Etiology of nephrocalcinosis in northern Indian children.** *Pediatr Nephrol.* 2007 Jun;22(6):829-33.

Menon S, Hari P, Bagga A. **Beneficial effects of rituximab therapy for systemic lupus erythematosus.** *Indian J Pediatr.* 2007 Jan;74(1):79-82.

Bagga A, Bajpai A, Menon S. **Approach to renal tubular disorders.** *Indian J Pediatr.* 2005 Sep;72(9):771-6.

Peer reviewed publication/manuscripts in progress

CHERUB, AWAKEN, Aquadex and NINJA.

Abstracts

Menon S*, Broderick J*, Munshi R, Dill L, DePaoli B, Goldstein SL, Askenazi D. Renal support using Aquadex™: A multicenter retrospective study. Submitted to AKI meeting

Bauer A, Taraseviciute A, Carlin K, Schwartz SM, Smith J, Hingorani S, Menon S. Severe Acute Kidney Injury after Pediatric Hematopoietic Stem Cell Transplantation. Submitted to AKI meeting

Lima L, Menon S, Goldstein SL, Basu, RK. Late Peak Fluid Accumulation Is Associated With Patient Outcome. Submitted to AKI meeting, ASN

Menon S, Wu H, Tarrago R, Yonekawa K. Integrating electronic alerts and clinical decision support systems to improve diagnosis and management of acute kidney injury. Submitted to AKI meeting; accepted at ASN

Stanski N, Menon S, Goldstein SL, Basu RK. Integration of NGAL with Serum Creatinine Predicts Acute Kidney Injury Phenotypes: AKI, ASN, SCCM meeting

Basu RK, Stenson E, Ninemire MR, Menon S, Goldstein SL. Performance of Sequential Biomarkers for Predicting a More Precise AKI Phenotype. Poster presentation at CRRT 2017

Starr M, Boohaker L, Eldredge L, Menon S, Griffin R, Mayock D, Askenazi D, and Hingorani S on behalf of the Neonatal Kidney Collaborative. Factors Associated with Chronic Lung Disease in Prematurely Born Infants: The Role of Acute Kidney Injury. Accepted for platform presentation at CRRT conference 2018

Starr M, Boohaker L, Eldredge L, Menon S, Griffin R, Mayock D, Askenazi D, and Hingorani S on behalf of the Neonatal Kidney Collaborative. Acute Kidney Injury is Associated with Chronic Lung Disease in Late Preterm and Term Infants: Results from the AWAKEN Cohort. Accepted for poster presentation at PAS conference 2018

Presentations

Renal Grand Rounds: Northwest Kidney Center and University of Washington. *Electronic Alerts in AKI*. 5/18/18.

CME for local pediatricians. Wenatchee, WA. *Nephrotic Syndrome*. April 2017.

Oral Presentation: ASN. *Acute Kidney Injury in Children- Evaluation using Renal Angina and Urinary Biomarkers*. 2013.

Platform Presentation: CRRT 2013 conference and Pediatric Academic Societies (PAS) Conference. *Nephrotoxic Medication Associated Acute Kidney Injury leads to Chronic Kidney Disease at 6 months*. 2013.

Annual CME, Apollo Center for Advanced Pediatrics. *Urinary Tract Infections*.

Nephrology Annual CME. Indraprastha Apollo Hospital, New Delhi, India. *Pediatric Renal Transplantation*.

1st Primer in Pediatric Nephrology. Aligarh Muslim University. *Pediatric Hypertension*.

Basic Pediatric Intensive Care Course. Indraprastha Apollo Hospital. *Renal Replacement Therapies*.

CME on Critical Care Nephrology. Asian Congress of Pediatric Nephrology. *Drug Dosing in the ICU and Contrast Nephropathy*. December 2015.

Pedicon 2015. Annual Conference of Indian Academy of Pediatrics. *Hematuria*.

Pedicon 2015. Panelist for discussion on Nephrotic Syndrome.

27th National Conference of Indian Society of Pediatric Nephrology. SMS Medical College Jaipur, India. *CRRT in the ICU*.

2013-2014 Fellowship

Ahmad Kaddourah, MD

Summary/Research interests

From a clinical standpoint, I am interested in acute extracorporeal therapies in critically ill children. This includes, but not limited to; acute HD, acute PD, apheresis procedures, CRRT, MARS, and filtration therapies. My training at CCHMC and CACN enabled me to introduce some of these therapies for the first time to critically ill children in Qatar (pediatric apheresis, CRRT, and MARS). From a research standpoint, I am interested in studying the epidemiologic implications and outcomes of AKI in critically ill children and utilizing novel AKI biomarkers in patients with Cardiorenal syndrome.

Peer reviewed publications/manuscripts

Kaddourah A, Basu RK, MD, Bagshaw SM, Goldstein SL for the AWARE Investigators. **Epidemiology of Acute Kidney Injury in Critically Ill Children and Young Adults. *N Engl J Med.* 2017 Jan 5;376(1):11-20.

Basu RK, Kaddourah A, Goldstein SL for the AWARE study investigators. **Assessment of a renal angina index for prediction of severe acute kidney injury in critically ill children: a multicentre, multinational, prospective observational study. *Lancet Child Adolesc Health.* 2018;2:112–20.

Hamad A, Ismail H, Elasyed M, Kaddourah A, Ahmad H, Ibrahim R, Ali A, Alali F. **The epidemiology of acute peritonitis in end-stage renal disease patients on peritoneal dialysis in Qatar: An 8-year follow-up study.** *Saudi J Kidney Dis Transpl.* 2018 Jan-Feb;29(1):88-94.

Nehus E, Kaddourah A, Bennett M, Pyles O, Devarajan P. **Subclinical Kidney Injury in Children Receiving Nonsteroidal Anti-Inflammatory Drugs After Cardiac Surgery.** *Journal of Pediatrics.* 2017 Jul 13.

Villa CR, Kaddourah A, Mathew J, Ryan TD, Wong BL, Goldstein SL, Jefferies JL. **Identifying evidence of cardio-renal syndrome in patients with Duchenne muscular dystrophy using cystatin C. *Neuromuscul Disord.* 2016 Oct;26(10):637-642.

Kaddourah A, Goldstein S, Basu R, Nehus E, Terrell T, Brunner L, Bennett M, Haffner C, Jefferies L. **Novel Urinary Tubular Injury Markers Reveal an Evidence of Underlying Kidney Injury in Children with Reduced Left Ventricular Systolic Function: A Pilot Study. *Pediatr Nephrol.* 2016 Oct;31(10):1637-45.

Menon S, Goldstein S MD1, Mottes T, Fei L, Kaddourah A, Terrell T, Arnold P, Bennett M, and Basu R. **Urinary Biomarker Incorporation into the Renal Angina Index Early in ICU Admission Optimizes Acute Kidney Injury Prediction in Critically Ill Children: A Prospective Cohort Study. *Nephrol Dial Transplant.* 2016 Apr;31(4):586-94.

Alsaied T, Goldstein S, Kaddourah A, Poynter S. **Thrombocytopenia Associated Multi-Organ Failure Caused by Diabetic Ketoacidosis.** *Pediatrics International.* 2015 Dec 29.

Alshabab L, Alebrahim A, Kaddoura A, Al-Fahoum S. **Congenital adrenal hyperplasia due to 21-hydroxylase deficiency: A five-year retrospective study in the Children's Hospital of Damascus, Syria.** *Qatar Med J.* 2015 Jul 31;2015(1).

Shennar HK, Al-Asmar D, Kaddoura A, Al-Fahoum S. **Diagnosis and clinical features of organic acidemias: A hospital-based study in a single center in Damascus, Syria.** *Qatar Med J.* 2015 Jul 4;2015(1).

Kaddourah A, Goldstein SL, Lipshultz SE, Wilkinson JD, Sleeper LA, Lu M, Colan SD, Towbin JA, Aydin SI, Rossano J, Everitt MD, Gossett JG, Rusconi P, Kantor PF, Singh RK, Jefferies JL. **Prevalence, predictors, and outcomes of cardiorenal syndrome in children with dilated cardiomyopathy: a report from the Pediatric Cardiomyopathy Registry.** *Pediatr Nephrol.* 2015 Dec;30(12):2177-88.

Basu RK, Kaddourah A, Terrell T, Mottes T, Arnold P, Jacobs J, Andringa J, Armor M, Hayden L, Goldstein SL. **Assessment of Worldwide Acute Kidney Injury, Renal Angina and Epidemiology in Critically Ill Children (AWARE): A Prospective Study to Improve Diagnostic Precision.** *J Clin Trials.* 2015;5(3).

Basu RK, Kaddourah A, Terrell T, Mottes T, Arnold P, Jacobs J, Andringa J, Goldstein SL and Prospective Pediatric AKI Research Group (ppAKI). **Assessment of Worldwide Acute Kidney Injury, Renal Angina and Epidemiology in critically ill children (AWARE): study protocol for a prospective observational study.** *BMC Nephrol.* 2015 Feb 26;16:24.

Kaddourah A, Uthup S, Madueme P, O'Rourke M, Hooper DK, Taylor MD, Colan SD, Jefferies JL, Rao MB, Goebel J. **Prevalence and predictors of aortic dilation as a novel cardiovascular complication in children with end-stage renal disease.** *Clin Nephrol.* 2015 May;83(5):262-71.

Kaddourah A, Goldstein SL. **Renal replacement therapy in neonates.** *ClinPerinatol.* 2014 Sep;41(3):517-27.

BOOK CHAPTERS

Kaddourah A, Goldstein SL. *"Childhood Cardiorenal Syndrome"* chapter. **Heart Failure in the Child and Young Adult: From Bench to Bedside. 1st edition. ELSEVIER, 2018, pp. 413–424.

Peer reviewed publication/manuscripts in progress

Kaddourah A, Basu RK, Goldstein SL, Sutherland SM. **Comprehensive Ascertainment of Acute Kidney Injury Requires Assessment of Serum Creatinine and Urine Output in Critically Ill Children.**

Ayalon I, Woo JG, Basu RK, Kaddourah A, Goldstein SL, Kaplan JM. **Increased Mortality in Underweight but not Obese Critically Ill Patients – A Secondary Analysis of the AWARE Study.**

Abstracts

PLATFORM ABSTRACT PRESENTATIONS

Kaddourah A, Basu R, Goldstein S, and Sutherland S on behalf of the AWARE study group. **Oliguria is Independently Associated with Increased Mortality Risk Amongst Critically Ill Children with Acute Kidney Injury**

This abstract was chosen to be presented orally in the ASN Kidney Week 2015 Annual Meeting, San Diego, CA (November, 2016).

Kaddourah A, Basu R, and Goldstein S on behalf of the AWARE study group. **The Epidemiology and Outcome of Worldwide Acute Kidney Injury in Critically Ill Children: A Prospective Multinational Study**

This abstract was chosen to be presented orally in the ASN Kidney Week 2015 Annual Meeting, San Diego, CA (November, 2015).

Kaddourah A, Goldstein S, and Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) Is the Best Urinary Biomarker to Detect Cardiorenal Syndrome In Children with Systolic Left Ventricular Dysfunction.**

The abstract was chosen as one of the top abstracts submitted to the 19th International conference on advances in Continuous Renal Replacement Therapy (CRRT) in San Diego, CA (March, 2014).

Kaddourah A, Uthup S, Madueme PC, Hooper DK, Jefferies JL, and Goebel J. **Aortopathy Is a Reversible Disease Following Renal Transplantation in Children with End-Stage Renal Disease**

The abstract was presented in the 7th congress of international pediatric transplantation association (IPTA) in Warsaw, Poland (July, 2013).

Kaddourah A, Goldstein S, and Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) is a Promising Urinary Biomarker to Detect Cardiorenal Syndrome in Children with Dilated Cardiomyopathy (DCM)**

The abstract was chosen as one of the top five abstracts submitted to the 1st International Symposium on Acute Kidney Injury (AKI) in children and the 7th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT) in Cincinnati, OH (September, 2012).

POSTER ABSTRACT PRESENTATIONS

Fouda T, Kaddourah A, Hamad AI, and Al-Ali F. **Glycosylated Hemoglobin A1C As a Predictive Marker of Poor Sleep in End Stage Renal Disease Population.**

Poster presentation for the ASN Kidney Week 2018 Annual Meeting, San Diego, CA (October, 2018).

Basu R, Kaddourah A, and Goldstein S on behalf of "AWARE" study group. **Assessment of the Renal Angina Index for Prediction of Severe Acute Kidney Injury Prediction in Critically Ill Children**

Poster presentation for the ASN Kidney Week 2017 Annual Meeting, New Orleans, LA (November, 2017).

Ayalon I, Woo J, Basu R, Kaddourah A, Goldstein SL, Kaplan J. **Increased Mortality Risk in Underweight not Obese Critically Ill Children**

Poster presentation for the 47th Critical Care Congress - SCCM 2018 (February, 2018).

Moussa T, Baker L, Chehab A, Elbeltagi A, Kaddourah A, Khair A, Mohamed K. **Plasmapheresis for Autoimmune Encephalopathy in Children: A Single Centre Experience**

Poster presentation for the British Pediatric Neurology Association. Cambridge, United Kingdom (January, 2017).

Basu R, Kaddourah A, and Goldstein S on behalf of “AWARE” study group. **The Renal Angina Index Identifies Patients at High-Risk of Acute Kidney Injury. Analysis from AWARE: A Prospective Multinational Study AKI in Critically Ill Children**

Poster presentation for the ASN Kidney Week 2015 Annual Meeting, San Diego, CA (November, 2015).

Kaddourah A, Goldstein S, Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) Is the Best Urinary Biomarker to Detect Cardiorenal Syndrome In Children with Systolic Left Ventricular Dysfunction.**

Presented at 19th International conference on advances in Continuous Renal Replacement Therapy (CRRT) in San Diego, CA (March, 2014).

Kaddourah A, Goldstein SL, Bennet MR, Devarajan P, Jefferies JL. **The Time is Now to Implement Novel Urinary Biomarkers to Identify Cardiorenal Syndrome in Children with Dilated Cardiomyopathy**

The abstract was presented at the American Society of Nephrology (ASN) meeting in Atlanta, GA 2013.

Uthup S, Kaddourah A, Madueme P, Jefferies JL, Rao MB, Goebel J. **Aortopathy: A Novel Cardiovascular Complication in Children with End-Stage Renal Disease**

Poster presentation at the World Congress of Nephrology (WCN) meeting in Hong Kong, China (June, 2013).

Kaddourah A, Goldstein S, Jefferies JL. **The Prevalence, Outcomes, and the Predictors of Cardio-Renal Syndrome in Children with Dilated cardiomyopathy**

The abstract was presented at the American Society of Nephrology (ASN) and the American Heart Association (AHA) 2012 annual meetings.

Kaddourah A, Goldstein S, Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) is a Promising Urinary Biomarker to Detect Cardiorenal Syndrome in Children with Dilated Cardiomyopathy (DCM)**

The abstract was chosen as one of the top five abstracts submitted to the 1st International Symposium on Acute Kidney Injury (AKI) in children and the 7th International Conference on Pediatric Continuous Renal Replacement Therapy (pCRRT) in Cincinnati, OH (September, 2012). The poster was presented at the American Society of Nephrology (ASN) and the American Heart Association (AHA) 2012 annual meetings as well.

Presentations

INVITED PRESENTATIONS

Epidemiology of Acute Kidney Injury in Critically Ill Children and Young Adults. American Society of Pediatric Nephrology Annual Meeting in San Francisco, Ca. May, 2017.

Updates on Atypical Hemolytic Uremic Syndrome. The 2nd JAHRA International Pediatrics Conference. Kuwait City, Kuwait. May, 2017.

Childhood Hypertension for General Practitioners. The 2nd JAHRA International Pediatrics Conference. Kuwait City, Kuwait. May, 2017.

Qatar Experience with Atypical Hemolytic Uremic Syndrome. 1st Middle East TMA Clinical Excellence Forum. Dubai, United Arab of Emirates. March, 2017.

Fluid Management in Critically Ill Child. Grand Rounds of Department of Pediatrics at Sidra Medical and Research Center. May, 2015.

Renal Replacement Therapy in the cardiovascular ICU – Early or not at all?. The 24th annual course on Congenital Heart Disease in the Adult, Cincinnati, Ohio. June, 2014.

Cardiorenal Syndrome, A Tale of Two Organs. Cincinnati Children’s Fellows Cross-Talk, Cincinnati, Ohio. May, 2014.

Childhood Cardiorenal Syndrome. University of Florida Educational Meeting, Gainesville, Florida. August, 2013.

INVITED CHAIRING SCIENTIFIC SESSIONS

Sep, 7th and 8th, 2015

Acute Key Opinion Leaders Symposium

Beirut, Lebanon

Chaired session “Sepsis Extracorporeal Therapies”

PLATFORM ABSTRACT PRESENTATIONS

Kaddourah A, Basu R, Goldstein S, and Sutherland S on behalf of the AWARE study group. **Oliguria is Independently Associated with Increased Mortality Risk Amongst Critically Ill Children with Acute Kidney Injury**

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Kaddourah A, Basu R, and Goldstein S on behalf of the AWARE study group. **The Epidemiology and Outcome of Worldwide Acute Kidney Injury in Critically Ill Children: A Prospective Multinational Study**

This abstract was chosen to be presented orally in the ASN Kidney Week 2015 Annual Meeting, San Diego, CA (November, 2015).

Kaddourah A, Goldstein S, Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) Is the Best Urinary Biomarker to Detect Cardiorenal Syndrome In Children with Systolic Left Ventricular Dysfunction.**

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Kaddourah A, Uthup S, Madueme PC, Hooper DK, Jefferies JL, Goebel J. **Aortopathy Is a Reversible Disease Following Renal Transplantation in Children with End-Stage Renal Disease**

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Kaddourah A, Goldstein S, Jefferies JL. **Kidney Injury Molecule-1 (KIM-1) is a Promising Urinary Biomarker to Detect Cardiorenal Syndrome in Children with Dilated Cardiomyopathy (DCM)**

The abstract was chosen as one of the top five abstracts submitted to the 1st International Symposium on Acute Kidney Injury (AKI) in children and the 7th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT) in Cincinnati, OH (September, 2012).

2015-2016 Fellowship

Tennille N. Webb, MD

Summary/Research interests

Assistant Professor
Division of Pediatric Nephrology
University of Alabama at Birmingham School of Medicine

I am interested in acute kidney injury (AKI) in the cardiac intensive care unit. My specific focus is on implementing a clinical pathway that will predict patients who will be at high risk for development of AKI post cardiac surgery; therefore, assisting with guidance on who will require peritoneal dialysis catheter placement intraoperatively at the time of cardiac surgery in comparison to those who will not.

Peer reviewed publications/manuscripts

Webb TN, Goldstein SL. **Congenital heart surgery and acute kidney injury. *Curr Opin Anaesthesiol.* 2017 Feb;30(1):105-112.

Webb TN, Carrisoza-Gaytán R, Montalbetti N, Rued AC, Roy A, Socovich AM, Subramanya AR, Satlin LM, Kleyman TR, Carattino MD. **Cell Specific Regulation of L-WNK1 by Dietary K+.** *Am J Physiol Renal Physiol.* 2016 Jan;310(1):F15-26.

Webb TN, Griffiths H, Miyashita Y, Bhatt R, Jaffe R, Moritz M, Hofer J, Swiatecka-Urban A. **Atypical hemolytic uremic syndrome and chronic ulcerative colitis treated with Eculizumab.** *International Journal of Medical and Pharmaceutical Case Reports.* 2015 June;4(5):105-112.

Webb TN, Ramratnam M, Evans RW, Orchard T, Pacella J, Erkan, E. **Atherosclerotic renal artery stenosis as a cause for hypertension in an adolescent patient.** *Pediatr Nephrol.* 2014 Aug;29(8):1457-60.

Webb TN, Shatat IF, Miyashita Y. **Therapy of Acute Hypertension in Hospitalized Children and Adolescents.** *Curr Hypertens Rep.* 2014 Apr;16(4):425.

Webb TN. **Urachal Cyst Presenting as an Abdominal Abscess.** *Pediatr Rev.* 2013;34(5):235-241.

Webb T, Gulley S, Pruitt F, Esdaile AR, Sharma SK, Cox JE, Smith GF, Sayegh AI. **Cholecystokinin-8 increases Fos-like immunoreactivity in myenteric neurons of the duodenum and jejunum more after intraperitoneal than after intravenous injection.** *Neurosci Lett.* 2005;389(3):157-62.

Webb T, Gulley S, Esdaile AR, Pruitt F, Sharma SK, Williams CS, Sayegh AI. **Effects of cholecystokinin-receptor antagonists on Fos-like immunoreactivity stimulated by sulfated cholecystokinin-8 in neurons of the myenteric plexus and hindbrain of rats.** *Am J Vet Res.* 2005;66(8):1308-13.

Peer reviewed publication/manuscripts in progress

Penk J, Gist KM, Wald EL, Kitzmiller L, Webb TN, Li Y, Cooper DS, Goldstein SL, Basu RK. **Furosemide Response Predicts Acute Kidney Injury in Children Following Cardiac Surgery.**

Webb TN, Basu RK, Askenazi DJ. **Diagnosis and Management of Acute Kidney Injury in Critical Illness.** *Pediatric Critical Care – Current Controversies.* Christopher Mastropietro, Kevin Valentine. Springer International Publishing. October 2018.

Presentations

13th Annual Research Day, University of Pittsburgh Department of Medicine, Pittsburgh, PA.
Differential Regulation of K Channels in the Aldosterone Sensitive Distal Nephron by WNK1 Isoforms. May 2015.

Pediatric Academic Societies/American Society of Pediatric Nephrology Annual Meeting, San Diego, CA.
Platform Presentation: *Differential Regulation of K Channels in the Aldosterone Sensitive Distal Nephron by WNK1 Isoforms.* April 2015.

35th Annual Dialysis Conference, New Orleans, LA. *Vitamin C Deficiency and Hyper-Inflammatory Syndrome in a Pediatric Dialysis Patient.* Jan 2015.

American Society of Nephrology (ASN) Kidney Week 2014 Annual Meeting, Philadelphia, PA.
Differential Regulation of K Channels in the Aldosterone Sensitive Distal Nephron by WNK1 Isoforms. Nov 2014.

34th Annual Dialysis Conference, Atlanta, GA. *Colonic Perforation from a Peritoneal Dialysis Catheter.* Feb 2014.

2017-2018, 2018-2019 Fellowship

Jean-Philippe Roy, MD

Summary/Research interests

Clinical Interests:

Pediatric nephrology; acute kidney injury; Apheresis

Research Interests:

Acute kidney injury, quality improvement, biomarkers and

Training:

MD: University of Montreal, Montreal, Quebec, Canada, 2012.

Residency:

General Pediatric/Pediatric Nephrology, Sainte-Justine University Hospital Center, Montreal, Quebec, Canada.

Certification:

General Pediatric (FRCPC - 2016 / ABP certified 2016); Pediatric Nephrology (FRCPC 2017).

Peer reviewed publication/manuscripts in progress

Roy JP, Goldstein S. **Improvement of the Renal Angina Index Clinical Application Through Multiple Baseline Creatinine estimation Methods.**

Roy JP, Schuh M, Goldstein S. **Under-Recognition of Neonatal Acute Kidney Injury and Lack of Follow-up.**

Presentations

Lecture given to CCHMC's nephrology fellow on the Renal Angina Index automated algorithm in the PICU and its complementary use with biomarker

Lecture given to CCHMC's nephrology fellow on Functional Renal Reserve Testing by oral protein load and its potential clinical application

**Related to CACN Research.