Date of Preparation:

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Signature

GAURAV KAPUR, M.D.
CLINICIAN EDUCATOR

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EDUCATION	**DATES**
Doctor of Medicine (MD), Pediatrics, University of Delhi, India	02/22/2003
Bachelor of Medicine & Bachelor of Surgery, Maulana Azad Medical College, University of Delhi, Delhi, India	03/01/1998
High School Diploma, Ramjas School, New Delhi, India	1986-1992

POSTGRADUATE TRAINING	
Resident, Pediatrics, Children's Hospital of Michigan, Michigan, Detroit	2006-2008
Fellow, Pediatric Nephrology, Children's Hospital of Michigan, Detroit	2003-2006
Resident, Pediatrics, Lady Hardinge Medical College, Kalawati Saran Children's Hospital, Delhi, India	1999-2002
Junior Resident, Lok Nayak Jai Prakash Narayan Hospital, Delhi, India	1998
Intern, Maulana Azad Medical College & Associated Hospitals, Delhi, India	1997

FACULTY APPOINTMENTS	
Professor, Pediatrics; Clinician Educator, Central Michigan university	05/2020 - Present
Associate Professor, Pediatrics; Clinician Educator, Wayne State University	04/2014 -04/2020
Assistant Professor, Pediatrics; Clinician Educator, Wayne State University	04/2012-04/2014
Assistant Professor, FTA Pediatrics, Clinician Educator, Wayne State University	2009-2012

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS	
Director, Pediatric Dialysis Program, Children's Hospital of Michigan	08/2012 -Present
Associate Director, Dialysis Program, Children's Hospital of Michigan	2011 – 07/2012
Associate Director, Pediatric Nephrology Fellowship Training Program, Children's Hospital of Michigan	2011 – 02/2013
Attending Pediatric Nephrologist, Children's Hospital of Michigan	2008 - Present

MAJOR PROFESSIONAL SOCIETIES

American Society of Nephrology	2018 - Present
International Pediatric Nephrology Association	2016 - Present
North American Pediatric Renal Trials and Collaborative Studies	2012 - Present
American Society of Pediatric Nephrology	2008 - Present
American Academy of Pediatrics	2008 - Present
Midwest Pediatric Nephrology Consortium	2004 - Present

MEDICAL LICENSURE

Michigan state license; Board of Medicine;	04/2005 -01/2021
Michigan state license; Board of Pharmacy, Controlled Substance	04/2005 -01/2021

BOARD CERTIFICATION

American Board of Pediatrics, sub board of Pediatric Nephrology Certificate	03/2010 -12/2020
American Board of Pediatrics;	10/2008 -12/2020
Certified by the Educational Commission for Foreign Medical Graduates	Indefinite
Diplomate of National Board, Pediatrics	

HONORS/AWARDS

Excellence in Teaching awards, Wayne State University	10/2018
Physician Difference Maker Award	04/2018
2nd Place, Ignite to Innovate, Wayne State University *Cardio Sound Blood Pressure Meter*	
Certificate of Appreciation, American Academy of Pediatrics *For contributions as a member of editorial board and nephrology content expert to PREP Pediatrics, a continuing medical education program of American Academy of Pediatrics*	06/2018
Hour Detroit magazine's List of Top Docs	2018, 17, 16
Letter of appreciation from American Academy of Pediatrics for contributions to PREP pediatrics	2015
Mom-Approved DOC by Metro Parent *(#1 parenting magazine in south eastern MI*)	2014
Nominated for the Wayne State School of Medicine college teaching award by the Department of Pediatrics, Children's Hospital of Michigan	2013
Nominated for the Wayne State School of Medicine college teaching award by the Department of Pediatrics, Children's Hospital of Michigan	2012
Elected by peers for inclusion in Detroit Super Doctors	2012, 2011
Certificate of merit for Support and Mentorship of pediatric resident research, Department of Pediatrics, Children's Hospital of Michigan	2009
Resident Prize Award for outstanding research poster presentation at 6th Annual Research Day, Michigan State University	2007
Wolf W. Zuelzer Fellow Research Award for outstanding research during fellowship, Children's Hospital of Michigan	2006

Dr.Vijay Kumar Gujral Award for the best resident in Pediatrics, Lady Hardinge Medical College & Kalawati Saran Children's Hospital	2001

SERVICE

Wayne State University

MedHealth Summit, breakout session hosted by Wayne State University for medical students and focusing on entrepreneurial journey, insights and lessons learned in bringing company's technology to marketplace and question and answer with students	04/2019
Innovation Honors Program; worked with PhD in Physiology (Peter Levanovich) wherein students work with real technologies in a case study manner to develop a business plan	01/2018 -09/2018
Wayne State University New Faculty Search Panel *University policy requiring the committee interviews potential new faculty members. Apart from help with faculty recruitment the committee is intended to provide an opportunity for underrepresented minorities to have a better chance of being hired*	04/2017 – Present

Wayne State University – Department of Pediatrics

Judged presentations for Wolff Zuelzer award at Children's Hospital of Michigan	2019, 2013
Pediatric Resident Interviews	2018-2016, 2014
Judged presentations for Sheldon Brenner award at Children's Hospital of Michigan	2012
Chief Resident Interviews	2011
Annual Review of Pediatric Residency Training Program *ACGME and Internal review of the Pediatric Nephrology Fellowship. Helped in completing the paperwork for the ACGME review, and development of the institutional policies, goals and objectives for the fellowship training. The pediatric nephrology fellowship received approval for 5 years following the ACGME review.*	2010, 2008
Pediatric Resident Interviews	2008-2011

Wayne State University – Children's Research Center of Michigan

Junior Faculty Research Initiative *Initiative to promote and increase research participation among junior faculty at Children's Hospital of Michigan. To this effect participated in meeting with the departmental chair, junior faculty and involved in the selection and interview of candidates for the position of Research Assistant for junior faculty*	2012 - 2015

Affiliate Medical Organizations; Children's Hospital of Michigan

Global and Local Health Innovation Conference, chaired a session on Ignite to Innovate where presenters showcased innovative research to solve global and urban health problems	04/2019
Scholastic Oversight Committee, Pediatric Gastroenterology Fellowship, Children's Hospital of Michigan	2016 - Present
Clinical Competency Committee, Pediatric Nephrology Fellowship , Children's Hospital of Michigan	2015 - Present
Pediatric Nephrology Fellowship program evaluation committee, Children's Hospital of Michigan	2015 - Present
Chair, Pediatric Dialysis Quality Assurance & Performance Improvement (QAPI) Program, Children's Hospital of Michigan	2012 - Present
Supervised introduction of Electronic Medical Records for outpatients in the Division of Pediatric Nephrology, Children's Hospital of Michigan	2012
Supervisory role for the introduction of Electronic Medical Records for inpatients in the Division of Pediatric Nephrology, Children's Hospital of Michigan	2010
Supervising Ambulatory Blood Pressure Monitoring Program for patients	2009 - Present
Children's Hospital Infection Control Committee	2009 - Present
Pediatric Education Committee Member	2008 - Present

Professional

National

American Society of Pediatric Nephrology Member Education Committee	2015 - Present
American Society of Pediatric Nephrology Communications Task Force	2014 - Present
American Academy of Pediatrics Barnett Award Committee	2014 - 2017
Chaired a session on Clinical and Translational Research at the annual American Society of Pediatric Nephrology Meeting / Pediatric Academic Society meeting	2013
Reviewed abstracts submitted for presentation at the 2013 annual American Society of Pediatric Nephrology Meeting / Pediatric Academic Society meeting	2012-2015
Program Committee for the annual American Society of Pediatric Nephrology Meeting / Pediatric Academic Society meeting	2012 - 2014

Regional / Local

Medical Review Committee, Midwest Kidney Network (ESRD Network 11)	11/2016 - Present
Co-Chair Hypertension Sub-Committee, Midwest Pediatric Nephrology Consortium	2012 - 2015

Community

Kidney Camp Participant; on site physician for children with renal disorders including dialysis and transplant patients	07/2018, 2016
Second Dialysis Art Show	2016
Kidney Camp Participant; on site physician for children with renal disorders including dialysis and transplant patients	07/2014

First Dialysis Art Show 2015
Family Advocacy Initiative, Children's Hospital of Michigan 2012 - 2017
Kidney Camp Participant; on site physician for children with renal disorders including dialysis and transplant patients 07/2012
Kidney Camp Participant; on site physician for children with renal disorders including dialysis and transplant patients 07/2011

Consulting Service
Ultomiris aHUS Medical Advisory Board 08/2019
Role; Consultant
Sponsoring organization; Alexion, New York

Scholarly Service
Editorial Board, Frontiers in Pediatrics
Chief Section Editor of Pediatric hypertension, Journal of Clinical Pediatric Nephrology 2013 - 2017
Manuscript reviewer (ad hoc)
Endocrinology 2019
Progress in Pediatric Cardiology 2018
Pediatrics in Review 2017
PLOS one 2017
Journal of American Society of Hypertension 2016
Orphanet Journal of Rare Diseases 2016
Frontiers in Pediatrics 2016 - Present
International Journal of Nephrology and renovascular disease 2015 - Present
Kidney and Blood Pressure Research 2013
Pediatrics 2008 - Present
Pediatric Nephrology 2008 - Present
Journal of Clinical Hypertension 2008 - Present

Other Scholarly Service
National
PREP Self-Assessment Subspecialty Pediatric Nephrology Editorial Board 2018 - Present
PREP Self-Assessment Editorial Board (American Academy of Pediatrics) 2012 - 2018

Other Service
Institutional Clinical Service – Children's Hospital of Michigan
Dialysis; 2012 - Present
- Provide medical direction and leadership for the Dialysis Program.
- Work with CHM administration to ensure compliance with all dialysis program regulatory requirements.
- In conjunction with hospital management, define treatment protocols and treatment standards for outpatient dialysis patients

Clinical practice; 2008 - Present
- Attending inpatient nephrologist: 3 months a year
- Attending Outpatient Nephrologist: 2-3 clinics per week

TEACHING

Wayne State University – Medical Students, Pediatrics rotation 2008 - Present
Children Hospital of Michigan – Pediatric Residency, Post-graduation 2008 - Present
Children's Hospital of Michigan – Pediatric Nephrology, Fellowship 2008 - Present

Teaching in clinical settings and clinical training programs is different from central campus. The teaching groups are small with trainees rotating through different specialties at frequent intervals. I actively participate in teaching in both inpatient and outpatient settings. Teaching activities include small group discussion, clinical instructions, lectures and case presentations. Feedback on teaching is given via end of rotation evaluation by medical students, pediatric residents and pediatric nephrology fellows

Research Mentorship

Completion of research project is a requisite for completion of training requirements for certification in pediatric nephrology. Research mentorship involves, project development, IRB application, data collection, analysis and presentation via poster or manuscript publication

Pediatric Nephrology Fellows

1. **Dr. Wael Abukwaik ;** Research project; *Clinical profile of children incidentally found to have advanced renal failure* **Poster Presentation # 2** — 2017 - Present
2. Dr. Prabesh Bajracharya; Research project; *Thrombotic Microangiopathy Associated with Hemolytic Uremic syndrome: A single Center 10 year Experience* **Publication # 13 under Reports of Original Work, Publication # 42 under Review Articles & Poster Presentation # 10** — 2012 - 2016
3. Dr. Mauricio Romero; **Publication # 42, 43 under Review Articles, Poster Presentation # 14** — 2011 - 2014
4. Dr. Murty Adabala; Research project; *Immuknow (Cylex) in pediatric Renal Transplant Patients,* **Poster publish # 6, 12 & Poster Presentation # 12** — 2009 - 2012
5. Dr.Rossana Baracco; Research project; *Validating a Computer Generated Food Frequency Questionnaire in Pediatric Hypertensive Patients* **Publication # 38 under Case Report, Publication # 18 Reports of original work, # 46 under Review Articles and Poster Published # 7** — 2007 - 2010
6. Dr.Sermin Saadeh; Research project; *Nephrolithiasis in children,* **Poster Presentation # 14** Research project; *Prednisone Dosing in Treatment of Nephrotic Syndrome, Weight- Versus Body Surface Area-Based, Is There a Difference in Outcome?***, Publication # 23 under Reports of Original Work, Poster Presentation # 17** — 2006 -2009

Pediatric Residents

1. Dr. Jacob Kolker — 2019 - Present
   Research Project; Complications and outcomes in developmentally delayed patients regarding renal replacement therapy
2. Dr. Reut Pagi — 2016 - 2017
   Research project; Characteristics of Permanent Vascular Access in Young Children (≤12yo) on Chronic Hemodialysis
   Poster Presentation # 3
3. Dr. Sarah Tahseen
   Research project; Prevalence of microalbuminuria in Sickle cell patients undergoing chronic blood transfusions. A prospective study examining the impact of desfirasirox on microalbuminuria
4. Dr. Rossana Baracco — 2008 - 2009
   Research project; *Workup of Secondary Hypertension in Asymptomatic Apparently Healthy Children Referred to an Outpatient Pediatric Nephrology Clinic"*
   Publication # 20 under Reports of Original Work, Poster Presentation # 23
5. Dr. Nikita Raje; Research project titled *"RPLE in children"* — 2008 - 2009

Medical Students

1. Geoffrey Cheng; Research Project on atypical Hemolytic Uremic Syndrome — 2017 - 2018
   Publication # 7 under Reports of Original Work, Poster Presentation # 3
2. Amin Farokhrani; Research Rotation under my supervision — 02/2013 -03/2013

High School Student

1. Nathan Vengalil; Summer Research in CRCM Laboratory under my supervision — 2010

Academic Mentorship

Faculty mentor to one pediatric resident a year; Provide counseling during pediatric residency training program, review of Pediatric Board prep scores, study plan for Pediatric Boards

1. Dr. Frank Zhu — 2013
2. Dr. Prashant Aggarwal — 2012
3. Dr. Rahul Budde — 2011
4. Dr. Amit Patange — 2010

Essays/Theses/Dissertations Directed

Dissertation Committee Member and Research Advisor to Linda Sawyer for her Ph.D., Nutrition & Food Science — 2014 - 2017
Project Title: Effects of dietary intake of antioxidants and omega-3 fatty acids on free radical production in children at various stages of chronic kidney disease

Course or curriculum development

Pediatrics Review and Education Program (PREP)- Self Assessment for the PREP program for Pediatric Nephrology CME by the American Academy of Pediatrics — 2018 – present

American Society of Pediatric Nephrology Board Review Course Editorial Board — 2017, 2019
The ASPN Pediatric Nephrology Board Review Course is designed to concentrate on content needed to prepare for the ABP Pediatric Nephrology Board Certification and Re-Certification exams. As part of the Editorial Board, assigned a topic to review for the live presentation and content specifications. In addition, review and reformat question bank in your topic area.

Pediatrics Review and Education Program (PREP)- Self Assessment for the PREP program for CME by the American Academy of Pediatrics — 2012 - 2018
This is a coordinated continuing medical education program and aims at providing continuous professional development. PREP self-assessment has a circulation of nearly 33,000 physicians annually and >50% of the AAP members use it for their lifelong learning and Maintenance of Certification requirements and PREP subspeciality is used by over 10,000 pediatric subspecialists and training fellows to help meet their professional development and educational needs.

Associate Director, Pediatric Nephrology Fellowship Training Program, Children's Hospital of Michigan; — 2011 – 02/2013

Development of 24 hour Ambulatory Blood Pressure Monitoring teaching program for pediatric nephrology fellows — 01/2010 – 6/2010
24 hour ambulatory blood pressure monitoring is the current standard of care for children with elevated blood pressure. Developed protocols for monitoring, interpretation and then discussed the same with pediatric nephrology fellows for implementation.

Development of Ultrasound training program for pediatric nephrology fellowship program — 2009

GRANTS, CONTRACTS, AND OTHER FUNDING

Active Other Grants and Contracts

Non Invasive Blood Pressure Monitoring
Role: Principal Investigator
Funding Source: Michigan Translational Research and Commercialization (M-TRAC) Program
Total Direct Costs : $78,060
11/2016 - 2019

Previously funded Grants and Contracts
Childhood Adversity and Risk for Pre-Hypertension
Role; Principal Investigator
Funding Source: Blue Cross Blue Shield of Michigan
Total Cost awarded: $74,259
Total Direct Costs: $50,092.58
09/2015 - 2018

Ambulatory systemic blood pressure telemonitoring
Role; Principal Investigator
Funding Source: WSU Technology Development Incubator
Total Cost awarded: $15000
2013 - 2016

Ambulatory systemic blood pressure telemonitoring
Role; Principal Investigator
Funding Source: Children's Research Center of Michigan
Total Cost awarded: $15000
2013 - 2016

Treatment of Hypertension in children - the role of alternate therapies
Role; Principal Investigator
Funding Source: Children's Hospital of Michigan Foundation
Total Cost awarded: $54870.79
2013-2015

Prevalence of microalbuminuria in Sickle cell patients undergoing chronic blood transfusions. A prospective study examining the impact of desfirasirox on microalbuminuria
Role; Faculty Mentor for trainee research
Funding Source: Sarniak Grant for Pediatric Fellows at Children's Hospital of Michigan
Total Cost awarded: $1000
2012 - 2013

Evaluating Vitamin D status in Pediatric Hypertensive patients
Role; Principal Investigator
Funding Source: Junior Faculty Research Grant, Children's Hospital of Michigan
Amount: $15000
2012 -2016

Patient Reported Outcomes Measurement Information System (PROMIS) Network Study Protocol; Validation of PROMIS Pediatric Banks with Incident Nephrotic Syndrome
Role; Regional sub-site Principal Investigator
Funding Source: National Institute of Health
Total Cost awarded to date: $2555
2010 - 2015

Validating a Computer Generated Food Frequency Questionnaire in Pediatric hypertensive patients
Role; Faculty Mentor for trainee research
Funding Source: Sarniak Grant for Pediatric Fellows at Children's Hospital of Michigan
Total Cost awarded: $1310
2009 - 2012

Health and Literacy in Child and Adult Assessment: Expanded Testing of the Pediatric PROMIS (Patient Reported Outcomes Measurement Information System) Tool
Role; Regional sub-site Principal Investigator
Funding Source: National Institute of Health
Total Funding: Total Funding $750,000; Kidney Cohort Study $80,000
Costs Awarded for Sub-Contract: $ 3,444
2009 - 2010

Previously submitted, not funded Grants and Contracts
Ambulatory Blood Pressure Telemonitoring
Role; Principal Investigator
Funding Source: Children's Research Center of Michigan
Total Funding Applied for: $ 68000
2016

Antioxidant effects of whole grape powder on inflammation and oxidative stress in children on hemodialysis (2014)
Role; Principal Investigator and Faculty Mentor
Funding Source: California Grape Commission
Total Funding Applied for: $ 30,000

NAPRTCS Registry (2013)
Role; Principal Investigator
Funding Source: North American Pediatrics Renal Transplant Case Study
Total Funding Applied for: $ 32,400

Identification of renal stem cells from human fetal kidneys (2009)
Role; Principal Investigator
Funding Source: Children's Research Center of Michigan
Total Funding Applied for: $ 25000

CLINICAL TRIALS ACTIVITIES
Pending
A Phase 3, Randomized, Open-Label, Multicenter Study to Evaluate the Safety (Compared to Iron Sucrose), Efficacy and Pharmacokinetics of Ferumoxytol for the Treatment of Iron Deficiency Anemia (IDA) in Pediatric Subjects with Chronic Kidney Disease
Role; Regional sub-site Principal Investigator
Funding Source: Amag Pharmaceuticals

Active
A phase 3, open-label, multicenter study of ALXN1210 in children and adolescents with atypical hemolytic-uremic syndrome (aHUS)
Role; Regional sub-site Principal Investigator
Funding Source: Alexion Pharmaceuticals
2018 – Ongoing
Total Costs; $ 56,145.67

Completed
An Observational, Non-Interventional Multi-Center, Multi-National Study of Patients with Atypical Hemolytic Uremic Syndrome (aHUS registry)
Role; Regional sub-site Principal Investigator
Funding Source: Alexion Pharmaceuticals
2015 – 2018
Total Costs; $ 5565

A Randomized Open Label, Controlled Study to assess the efficacy and safety of Cinacelcet HCl in Pediatric Subjects with secondary Hyperparathyroidism and Chronic Kidney Disease Receiving Dialysis
Role; Regional sub-site Principal Investigator
Funding Source: Amgen
2015 – 2016
Total costs; $18,955.11

A 2 Week Randomized, Placebo-Controlled, Fixed Dose Period Followed by a 6-Month, Single-Arm, Open-Label, Dose Titration Period Study to Investigate the Efficacy and Safety of Sevelamer Carbonate in Hyperphosphatemic Pediatric Patients with Chronic Kidney Disease.
Role; Site Principal Investigator
Funding Source: Genzyme Corporation and its Affiliates
2012 - 2015
Total Costs: $57,745.52

Patent
Kapur MD G, Wu SF, Lyman WD, Xu Y, Chen L. Method and Apparatus for Determining Blood Pressure on Measured Heart Sounds
Provisional Patent Application # 66174-0034 was filed on February 8, 2017 with the USPTO
Non-Provisional PCT application # 66174-0046 was filed on 02/07/2018 by WSU

PUBLICATIONS

Peer-Reviewed Publications

*** Trainee mentored by G. Kapur • Corresponding / Senior Author**

Original Observations

1. Raina R, Grewal MK, Blackford M, Symons JM, Somers MJG, Licht C, Basu RK, Sethi SK, Chand D, **Kapur G**, McCulloch M, Bagga A, Krishnappa V, Yap HK, Tavares MS, Bunchman T, Bestic M, Warady BA, Ferris MG. Renal Replacement Therapy in the Management of Intoxications in Children: Recommendations from the Pediatric Continuous Renal Replacement Therapy (PCRRT) Workgroup. Pediatr Nephrol. 2019 Aug 24. doi: 10.1007/s00467-019-04319-2. [Epub ahead of print]
   The PCRRT Workgroup is composed of international pediatric nephrology experts representing the treatment of diverse pediatric populations. The experts from the PCRRT Workgroup and various international societies participated in the consensus conference to discuss and provide recommendations on the management of intradialytic hypotension in children. All the panel members were carefully selected by content expertise. Journal Impact Factor: 2.63
2. Towner, E.K., **Kapur G**, Idalski Carcone, A., Ellis, D., Jen, K-L., Naar, S. Physical Activity as a Predictor of Changes in Systolic Blood Pressure in African-American Adolescents Seeking Treatment for Obesity. Journal of Adolescent Health (2019; in press). *https://doi.org/10.1016/j.jadohealth.2019.04.001*
   Kapur G and Towner EK contributed equally to the work. Journal Impact Factor: 3.61
3. **Kapur G•,** Chen L, Xu Y, Cashen K, Clark J, Feng X, Wu SF. Noninvasive Determination of Blood Pressure by Heart Sound Analysis Compared With Intra-Arterial Monitoring in Critically Ill Children—A Pilot Study of a Novel Approach. Peds Crit Care Med *(2019; in press)*
   https://journals.lww.com/pccmjournal/Abstract/onlinefirst/Noninvasive_Determination_of_Blood_Pressure_by.98262.aspx Journal Impact Factor: 3.09
4. Zahr RS*, Yee ME, Weaver J, Twombley K, Matar RB, Aviles d, Sreedharan R, Rheault MN, Malatesta-Muncher R, Stone H, Srivastava T, **Kapur G**, Baddi P*, Volovelsky O, Pelletier J, Gbadegesin R, Seeherunvong W, Patel HP, Greenbaum LA. Kidney biopsy findings in children with sickle cell disease: a Midwest Pediatric Nephrology Consortium study. Pediatr Nephrol. 2019 Apr 3. doi: 10.1007/s00467-019-04237-3.
   First author was a trainee in pediatric nephrology at Emory, Atlanta. Mentored participation for pediatric nephrology fellow Dr. Baddi (at Children's Hospital of Michigan, Detroit). Involved in data collection, data analysis and manuscript preparation. Journal Impact Factor: 2.63
5. Rupesh Raina, Stephanie La, Hershita Raheja, Vinod Krishnappa, Daljit Hothi, Andrew Davenport, Deepa Chand, **Kapur G**, Franz Schaefer, Sidharth Kumar Sethi, Mignon McCulloch, Arvind Bagga, Timothy Bunchman, Brad Warady. Pediatric Intradialytic Hypotension: Recommendations From the Pediatric Continuous Renal Replacement Therapy (PCRRT) Workgroup. Pediatr Nephrol. 2019 May;34(5):925-941.
   The PCRRT Workgroup is composed of international pediatric nephrology experts representing the treatment of diverse pediatric populations. The experts from the PCRRT Workgroup and various international societies participated in the consensus conference to discuss and provide recommendations on the management of intradialytic hypotension in children. All the panel members were carefully selected by content expertise. Journal Impact Factor: 2.63

6. Chen L*, Wu SF, Xu Y, Lyman WD, **Kapur G•**. Blind Separation of Heart Sounds. Journal of Theoretical and Computational Acoustics 2018;26(01):1750035.
   Journal Impact Factor: 0.74.
7. Cheng G*, Ozgonenel B, Bhambhani K, **Kapur G**, Smith RJ, Savaşan S. Recurrent Atypical Hemolytic Uremic Syndrome in Children With Acute Lymphoblastic Leukemia Undergoing Maintenance Chemotherapy. J Pediatr Hematol Oncol. 2018 Oct;40(7):560-562.
   Study design, data analysis and manuscript writing. Journal Impact Factor: 1.1; Citations:2
8. Raina R, Vijayaraghavan P, **Kapur G**, Sethi SK, Krishnappa V, Kumar D, Bunchman TE, Bolen SD, Chand D. Hemodialysis in neonates and infants: A systematic review. Semin Dial. 2018 May;31(3):289-299.
   Study design, data analysis and manuscript writing; Journal Impact Factor: 1.8; Citations:4
9. Chen L, Wu SF, Xu Y, Lyman WD, **Kapur G•**. Calculating Blood Pressure Based on Measured Heart Sounds. Journal of Computational Acoustics 2017;25(3):1750014
   Journal Impact Factor: 0.74; Citations:1
10. Vashishta N*, Surapaneni V, Chawla S, **Kapur G**, Natarajan G. Association among prematurity (< 30 weeks' gestational age), blood pressure, urinary albumin, calcium, and phosphate in early childhood. Pediatr Nephrol. 2017 Jul;32(7):1243-1250
    Study design, data analysis and manuscript writing. Journal Impact Factor: 2.63; Citations:2
11. Jason M. Misurac, Rene G. VanDeVoorde, Mahmoud Kallash, Franca M. Iorember, Kera E. Luckritz, Michelle N. Rheault, Jennifer G. Jetton, Martin A. Turman, **Kapur G**, Katherine E. Twombley, Shireen Hashmat, Donald J. Weaver, Jeffrey D. Leiser, Corina Nailescu. Immunogenicity of augmented compared with standard dose hepatitis B vaccine in pediatric patients on dialysis: A midwest pediatric nephrology consortium study Clin J Am Soc Nephrol. 2017 May 8;12(5):772-778
    First author was a trainee in pediatric nephrology at Iowa. Data collection, data analysis and manuscript preparation. Journal Impact Factor: 5.8 ; Citations:3
12. Selewski DT, Troost JP, Cummings D , Massengill SF, Gbadegesin RA, Greenbaum LA, Shatat IF, Cai Y, **Kapur G**, Hebert D, Somers MJ, Trachtman H, Pais P, Seifert ME, Goebel J, Sethna CB, Mahan JD, Gross HE, Herreshoff E, Liu Y, Carlozzi NE, Reeve BB, DeWalt DA, Gipson DS. Responsiveness of the PROMIS® measures to changes in disease status among pediatric Nephrotic Syndrome patients: a Midwest Pediatric Nephrology Consortium study. Health Qual Life Outcomes. 2017 Aug 23;15(1):166
    Study site PI of multi-center NIH funded study, collected and contributed data of the patients enrolled in the study, participated in data analysis and proof reading the entire paper Impact Factor 2.91; Citations 4
13. Bajracharya, P*, Jain, A., Baracco, R., Mattoo, T. K., **Kapur, G•**. (2016). Atypical hemolytic uremic syndrome: a clinical conundrum. Pediatr Nephrol. 2016 Oct;31(10):1615-24
    Journal Impact Factor: 2.63; Citations: 6
14. Agarwal A, **Kapur G**, Altinok D. Childhood posterior reversible encephalopathy syndrome: Magnetic resonance imaging findings with emphasis on increased leptomeningeal FLAIR signal. Neuroradiol J. 2015 Dec;28(6):638-43
    Scientific content of the paper, Data analysis, manuscript preparation and proof reading the entire paper. Impact Factor 2.7; Citations:15

15. Selewski DT, Troost JP, Massengill SF, Gbadegesin RA, Greenbaum LA, Shatat IF, Cai Y, **Kapur G**, Hebert D, Somers MJ, Trachtman H, Pais P, Seifert ME, Goebel J, Sethna CB, Mahan JD, Gross HE, Herreshoff E, Liu Y, Song PX, Reeve BB, DeWalt DA, Gipson DS. The impact of disease duration on quality of life in children with nephrotic syndrome: a Midwest Pediatric Nephrology Consortium study. Pediatr Nephrol. 2015 Sep;30(9):1467-76
Study site PI of multi-center NIH funded study, collected and contributed data on 27% of the patients enrolled in the study, participated in data analysis and proof reading the entire paper. Journal Impact Factor: 2.85. Citations: 18
16. Romero M*, **Kapur G**, Baracco R, Valentini RP, Mattoo TK, Jain A. Treatment of Hypertension in Children With Catecholamine-Secreting Tumors: A Systematic Approach. J Clin Hypertens (Greenwich). 2015 Sep;17(9):720-5
Scientific content of the paper, Data analysis, manuscript preparation and proof reading the entire paper. First author MR was a pediatric nephrology fellow for the project.
Journal Impact Factor: 2.63; Citations: 8
17. Selewski DT, Massengill SF, Troost JP, Wickman L, Messer KL, Herreshoff E, Bowers C, Ferris ME, Mahan JD, Greenbaum LA, MacHardy J, **Kapur G**, Chand DH, Goebel J, Barletta GM, Geary D, Kershaw DB, Pan CG, Gbadegesin R, Hidalgo G, Lane JC, Leiser JD, Song PX, Thissen D, Liu Y, Gross HE, DeWalt DA, Gipson DS. Gaining the Patient Reported Outcomes Measurement Information System (PROMIS) perspective in chronic kidney disease: a Midwest Pediatric Nephrology Consortium study. Pediatr Nephrol. 2014 Dec;29(12):2347-56.
Study site PI of multi-center NIH funded study, collected and contributed data on 27% of the patients enrolled in the study, participated in data analysis and proof reading the entire paper. Journal Impact Factor: 2.63; Citations: 22
18. Baracco R*, Mattoo T, Jain A, **Kapur G**, Valentini RP. Reducing central venous catheters in chronic hemodialysis-a commitment to arteriovenous fistula creation in children. Pediatr Nephrol. 2014 Oct;29(10):2013-20. *Scientific content of the paper, Data analysis, manuscript preparation and proof reading the entire paper. First author RB was a pediatric nephrology fellow for the project. Journal Impact Factor: 2.63; Citations: 13*
19. Gipson DS, Selewski DT, Massengill SF, Wickman L, Messer KL, Herreshoff E, Bowers C, Ferris ME, Mahan JD, Greenbaum LA, MacHardy J, **Kapur G**, Chand DH, Goebel J, Barletta GM, Geary D, Kershaw DB, Pan CG, Gbadegesin R, Hidalgo G, Lane JC, Leiser JD, Plattner BW, Song PX, Thissen D, Liu Y, Gross HE, DeWalt DA. Gaining the PROMIS perspective from children with nephrotic syndrome: a Midwest pediatric nephrology consortium study. Health Qual Life Outcomes. 2013 Mar 4;11:30.
Study site PI of multi-center NIH funded study, collected and contributed data on 27% of the patients enrolled in the study, participated in data analysis and proof reading the entire paper
Journal Impact Factor: 2.91; Citations:35
20. Baracco R*, **Kapur G•**, Mattoo T, Jain A, Valentini R, Ahmed M, Thomas R. Prediction of primary vs secondary hypertension in children. J Clin Hypertens (Greenwich). 2012 May; 14(5):316-21
RB and GK contributed equally to this manuscript. Journal Impact Factor: 2.63; Citations: 33
21. Lu H, **Kapur G•**, Mattoo TK, Lyman WD. Hypoxia decreases podocyte expression of slit diaphragm proteins. Int J Nephrol Renovasc Dis. 2012; 5: 101-7.
Journal Impact Factor: 2.63; Citations: 13

22. Baracco R*, Saadeh S, Valentini R, **Kapur G**, Jain A, Mattoo TK. Iron deficiency in children with early chronic kidney disease. Pediatr Nephrol. 2011; 26(11):2077-80.
Scientific content of the paper, Data analysis, manuscript preparation and proof reading the entire paper. First author RB was a pediatric nephrology fellow for the project. Journal Impact Factor: 2.63; Citations: 14
23. Saadeh SA*, Baracco R, Jain A, **Kapur G**, Mattoo TK, Valentini RP. Weight or body surface area dosing of steroids in nephrotic syndrome: is there an outcome difference? Pediatr Nephrol. 2011; 26(12):2167-71.
Data analysis, manuscript preparation and proof reading the entire paper. First author SS was a pediatric nephrology fellow for the project.
Journal Impact Factor: 2.63; Citations: 29
24. **Kapur G•**, Ahmed M, Pan C, Mitsnefes M, Chiang M, Mattoo TK. Secondary Hypertension in Overweight and Stage 1 Hypertensive Children: A Midwest Pediatric Nephrology Consortium Report. J Clin Hypertens (Greenwich) 2010; 12:34–39.
PI of a multicenter study conducted at tertiary pediatric nephrology centers.
Journal Impact Factor: 2.63; Citations: 41
25. 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.
First author SM was a pediatric nephrology fellow for the project. Scientific content of the paper, Data analysis, manuscript preparation and proof reading the entire paper.
Journal Impact Factor: 5.8; Citations: 45
26. **Kapur G•**, Valentini RP, Imam AA, Mattoo TK. Treatment of severe edema in children with nephrotic syndrome with diuretics alone--a prospective study. Clin J Am Soc Nephrol. 2009 May; 4 (5):907-13. *Journal Impact Factor: 5.8; Citations: 51*
27. Valentini RP, Mattoo TK, **Kapur G**, Imam A. Membranous glomerulonephritis: treatment response and outcome in children. Pediatr Nephrol. 2009 Feb; 24 (2):301-8.
Scientific content of the paper, data analysis, manuscript preparation and proof reading the entire paper. Journal Impact Factor: 2.63; Citations: 43
28. Fremeaux-Bacchi V, Miller EC, Liszewski MK, Strain L, Blouin J, Brown AL, Moghal N, Kaplan BS, Weiss RA, Lhotta K, **Kapur G**, Mattoo T, Nivet H, Wong W, Gie S,Hurault de Ligny B, Fischbach M, Gupta R, Hauhart R, Meunier V, Loirat C,Dragon-Durey MA, Fridman WH, Janssen BJ, Goodship TH, Atkinson JP. Mutations in complement C3 predispose to development of atypical hemolytic uremic syndrome. Blood. 2008 Dec 15; 112(13):4948-52.
Responsible for identifying 1 of the 14 patients reported in this paper which for the first time established the link between C3 mutation and atypical hemolytic uremic syndrome. The diagnosis of the patient took nearly 2+ years in which i identified the atypical clinical presentation and arranged for the tests to be shipped to UK (Dr. Tim Goodship's labs, as the tests were not done in USA at that time). Contributed the clinical data of the reported patient and proof read the entire manuscript. Journal Impact Factor: 13.1; Citations: 359
29. Ahmed M, Eggleston D, **Kapur G**, Jain A, Valentini RP, Mattoo TK. Dimercaptosuccinic acid (DMSA) renal scan in the evaluation of hypertension in children. Pediatr Nephrol. 2008 Mar; 23(3):435-8.
Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper.; Journal Impact Factor: 2.63; Citations: 31

30. **Kapur G**, Valentini RP, Imam A, Jain A, Mattoo TK. Serum osmolal gap in patients with idiopathic nephrotic syndrome and severe edema. Pediatrics 2007; 119 (6) e1404-1407.
Journal Impact Factor: 5.7; Citations: 5
31. El-Refaey AM, **Kapur G**, Jain A, Hidalgo G, Imam A, Valentini RP, Mattoo TK. Idiopathic collapsing focal segmental glomerulosclerosis in pediatric patients. Pediatr Nephrol. 2007 Mar; 22(3):396-402.
Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper Journal Impact Factor: 2.63; Citations: 13
32. Patwari AK, **Kapur G**, Satyanarayana L, Anand VK, Jain A, Gangil A, Balani B. Catch-up growth in children with late-diagnosed coeliac disease. Br J Nutr. 2005 Sep; 94(3):437-42
The work was completed as part of my dissertation for MD, Pediatrics in India. Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper.
Journal Impact Factor: 3.302; Citations: 42
33. **Kapur G**, Patwari AK, Narayan S, Anand VK. Serum prolactin in celiac disease. J Trop Ped 2004; 50(1): 37-40.
The work was completed as part of my dissertation for MD, Pediatrics in India. Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper.
Journal Impact Factor: 1.3; Citations: 24
34. **Kapur G**, Patwari AK, Narayan S, Anand VK. Iron supplementation in children with celiac disease. Indian J Pediatr. 2003 Dec; 70(12):955-8.
The work was completed as part of my dissertation for MD, Pediatrics in India. Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper.
Journal Impact Factor: 1.05; Citations: 17
35. Patwari AK, Anand VK, **Kapur G**, Narayan S. Clinical and nutritional profile of children with celiac disease; Indian Pediatrics 2003; 40: 337-342.
The work was completed as part of my dissertation for MD, Pediatrics in India. Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper
Journal Impact Factor: 1.14; Citations: 62
36. Patwari AK, Bajaj P, Kashyap R, Anand VK, Gangil A, Jain A, **Kapur G**. Diagnostic modalities for Gastroesophageal reflux. Indian J Pediatr 2002; 69(2): 133-136
Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper.
Journal Impact Factor: 1.05; Citations: 9
37. Patwari AK, Anand VK, Malhotra V, Balani B, Gangil A, Jain A, **Kapur G**. Brush Cytology: An adjunct to Diagnostic Upper GI Endoscopy. Indian J Pediatr 2001; 68(6): 515- 518
Responsible for scientific content, data collection, data analysis, manuscript preparation and proof reading the entire paper. Journal Impact Factor: 1.05; Citations: 9

Case Reports

38. Baracco R*, Ku L, Adabala M, Jain A, Valentini RP, Mattoo TK, **Kapur G•**. An adolescent on peritoneal dialysis with acute encephalopathy: Pediatr Nephrol. 2013 Aug;28(8):1221-5
    Journal Impact Factor: 2.63; Citations: 2
39. **Kapur G**, Valentini RP, Mattoo TK, Warrier I, Imam AA. Ceftriaxone induced hemolysis complicated by acute renal failure. Pediatr Blood Cancer. 2008; 50 (1) 139-142
    Journal Impact Factor: 3.302; Citations: 36
40. Imam AA, Mattoo TK, **Kapur G**, Bloom DA, Valentini RP. Calciphylaxis in pediatric end stage renal disease. Pediatr Nephrol. 2005 Dec; 20(12):1776-80
    Minor role, responsible for manuscript preparation and proof reading the entire paper.
    Journal Impact Factor: 2.63, Citations 15

Review Articles

41. Jain A, Baracco R, **Kapur G•.** Pheochromocytoma and Paraganglioma - an update on diagnosis, evaluation and management. Pediatr Nephrol. 2019 Jan 2. doi: 10.1007/s00467-018-4181-2. [Epub ahead of print]
    Journal Impact Factor: 2.63
42. Bajracharya P*, Romero M*, **Kapur G•**. Epidemiology of Secondary Hypertension in Children. Current Cardiovascular Risk Reports. Curr Cardiovasc Risk Rep (2014) 8:388.
    Citations: 2
43. Romero M*, **Kapur G•**. Hypertension in children post-renal transplant. Journal of Clinical Pediatric Nephrology. Vol 2, No 2 (2014
44. **Kapur G•**, Baracco R. Evaluation of hypertension in children. Current Hypertension Reports. 2013 Oct;15 (5):433-43.
    Journal Impact Factor: 3.23; Citations: 15
45. **Kapur G•**. What do I need to know to start ambulatory blood pressure monitoring for children with hypertension?. Available at **http://www2.aap.org/sections/nephrology/NephrologyNewsletterSpring2013.pdf**
46. Baracco R*, **Kapur G•**. Clinical utility of Valsartan in the treatment of hypertension in children and adolescents. Patient Preference and Adherence, 2011; 5: 149-155.
    Journal Impact Factor: 1.49; Citations:3
47. **Kapur G**, Mattoo TK, Aranda JV. Pharmacogenomics and renal drug disposition in the newborn. Sem Perinatol 2004; 28(2): 132-140.
    Journal Impact Factor: 2.68; Citations 20

Book Chapters

48. **Kapur G•,** Mattoo TK**.** Primary Hypertension in Pediatric Hypertension, 4th edition, eds Flynn JT, Ingelfinger JR and Redwine K, 2016
49. Baracco R**, Kapur G**, Mattoo TK. Tubulointerstitial nephritis in Clinical Pediatric Nephrogy, 4th edition, eds Kher K, Makkar SP, Schapner W. 2015
50. **Kapur G•,** Mattoo TK**.** Primary Hypertension in Pediatric Hypertension, 3rd edition, eds Flynn JT, Ingelfinger JR, Portman RJ . 2014
51. **Kapur G.** IgA nephropathy in Clinicians Manual of Pediatric Nephrology, 1st edition eds Chand DH, Valentini RP.2011
52. **Kapur G.** Alports Syndrome in Clinicians Manual of Pediatric Nephrology, 1st edition, eds Chand DH, Valentini RP.2011

53. **Kapur G,** Mattoo TK. Primary Hypertension in Pediatric Hypertension, 2nd edition, eds Flynn JT, Ingelfinger JR, Portman RJ .2011
54. **Kapur G**, Mattoo TK. Tubulointerstitial nephritis in Clinical Pediatric Nephrogy, 3rd edition, eds Kher K, Makkar SP, Schapner W. 2007
55. **Kapur G**, Mattoo TK. Acute Renal Failure in Current Pediatric Diagnosis and Treatment, 18th edition, Eds Burg FD, Ingelfinger JR, Polin RA, Gershon AA, Saunders, Philadelphia, Pennsylvania, 2006

Published Abstracts

*** Trainee mentored by G. Kapur • Corresponding / Senior Author**

1. Greenbaum LA, Adams B, Cheong HI, Constantinescu AR, Denker AE, Dixon BP, Han KH, Hataya H, **Kapur G**, Kim SH, Mauch T, Ortiz S, Vallee M, Wühl E, Ariceta G. The long-acting complement inhibitor ravulizumab in children with atypical haemolytic uraemic syndrome (interim analysis). Pediatr Nephrol 2019 (18th Congress International Pediatric Nephrology Association, 10/2019)
2. Rupesh Raina, Vinod Krishnappa, Shyam Polaconda, **Kapur G**, Maroun Mhanna, Kristen Kusumi. Effect of elevated systolic blood pressure and pulse pressure on the progression of chronic kidney disease. J Am Soc Nephrol 2018; 29, 719. (American Society of Nephrology, San Diego, 10/ 2018)
3. Pagi R*, **Kapur G•**, Valentini RP, Jain A, Mattoo TK, Baracco R. Characteristics of permanent vascular access in young children (<12 yr) on chronic hemodialysis. J Am Soc Nephrol 2017 Oct; 28. (American Society of Nephrology Meeting, November 2017)
4. L Chen, SF Wu, Y Xu, WD Lyman, **Kapur G**. Estimating blood pressures based on directly measured heart sounds. The Journal of the Acoustical Society of America 139 (4), 2224-2224
5. L Chen, SF Wu, Y Xu, WD Lyman, **Kapur G**. Blind separation of heart sounds. The Journal of the Acoustical Society of America 2015; 137 (4), 2388-2388
6. Adabala M*, Mattoo TK, **Kapur G**, Baracco R, Jain A. Complications associated with failed pediatric renal allograft. J Am Soc Nephrol 2013; 24. (American Society of Nephrology Meeting, November 2013)
7. Baracco R*, Fassinger N, Romero M, Adabala M, Jain A, **Kapur G•**. Validating a computer generated food frequency questionnaire in children with hypertension. J Am Soc Nephrol 2013; 24 (American Society of Nephrology Meeting, November 2013)
8. Romero M*, Baracco R, Jain A, **Kapur G**, Mattoo TK. Do immunosuppressed renal patients with fever need routine hospitalization? J Am Soc Nephrol 2013; 24 (American Society of Nephrology Meeting, November 2013)
9. Romero M*, **Kapur G**, Baracco R, Mattoo TK, Jain A^. Management of hypertension in pediatric pheocheomocytoma / paraganglionoma. J Am Soc Nephrol 2013; 24 (American Society of Nephrology Meeting, November 2013)
10. Bajracharya P*, Baracco R, Jain A, Mattoo TK, **Kapur G•**. Thrombotic Microangiopathy Associated with Hemolytic Uremic syndrome: A single Center 10 year Experience. J Am Soc Nephrol 2013; 24 (American Society of Nephrology Meeting, November 2013)
11. Baracco R, Mattoo TK, Jain A, **Kapur G**, Valentini RP. Reducing central venous catheters in children on chronic hemodialysis. J Am Soc Nephrol 2013; 24 (American Society of Nephrology Meeting, November 2013)
12. Adabala M*; Jain A, **Kapur G**, Baracco R, Kirby JA, Bartow C, Fagoaga OR, Mattoo TK.

Immuknow (Cylex) in pediatric Renal Transplant Patients. Am J Transplant. 2012; 12 (suppl 3) (American Transplant Congress, Boston, June 2012
13. Baracco R*, **Kapur G**, Jain A, Mattoo TK, Valentini RP. Reducing central venous catheters in chronic hemodialysis – a commitment to arteriovenous fistula creation in children – an 11 year single center experience. Perit Dial Int. 2012; 32(Suppl 1) (32nd Annual Dialysis Conference)
14. Saadeh S*, Ferguson B, Baracco R, **Kapur G**, Jain A, Mattoo TK, Valentini RP. Metabolic and Medical Risk Factors in Pediatric Patients with Urolithiasis. J Am Soc Nephrol 2011; 22 (American Society of Nephrology meeting, November 2011)
15. Menon S*, Valentini R, **Kapur G**, Bastian V, Mattoo T. 25 (oh) Vitamin D3 Deficiency in Pediatric Renal Transplant. American Journal of Transplantation 2009; 9, 714
16. Jain A, Ahmed M, **Kapur G**, Valentini RP, Mattoo TK. Hypertension in Infants: A single center experience. J Clinical Hypertension 2007;9 (American Society of Hypertension 2007)
17. Ahmed M, Eggleston D, **Kapur G**, Jain A, Valentini RP, Mattoo TK. Renal ultrasound vs DMSA scan in children with hypertension. J Clinical Hypertension 2007;9 (American Society of Hypertension (ASH) 2007 Meeting)
18. **Kapur G**, Ahmed M, Valentini RP, Imam A, Mattoo TK. Doppler flow studies in the diagnosis of renal artery stenosis. J Am Soc Nephrol 2004;15,205A (American Society of Nephrology meeting, St.Louis, MO, October 2004)

PRESENTATIONS

*** Trainee mentored by G. Kapur • Corresponding / Senior Author**

Poster Presentations (refereed)

1. •Violence exposure in childhood increases risk for hypertension in African American adults. Pediatric Academic Societies Annual Meeting in Toronto, CA, 04/2018
2. *Clinical profile of children incidentally found to have advanced renal failure. Pediatric Academic Societies Annual Meeting in Toronto, CA, 04/2018
3. *Recurrent atypical hemolytic uremic syndrome in children with acute lymphoblastic leukemia undergoing maintenance chemotherapy: a role for 6-mercaptopurine? Poster at 30th annual meeting of the American Society of Pediatric Hematology/Oncology, April 26-29, 2017 Montreal, Quebec, Canada
4. Physical Activity as a Predictor of Changes in Systolic Blood Pressure for African American Adolescents Participating in a Behavioral Weight Control Trial. Poster presented at Obesity Week, November, 2016, New Orleans, Louisiana
5. *Chyloperitoneum in infant on CCPD. Poster session presented at : 36th Annual dialysis conference; 2016 Feb 28-29; Seattle, WA
6. *Is HLA Matchmaker Compatibility a Predictor of Graft Survival Or Acute Rejection in Pediatric Renal Transplants?" #750255 Pediatric Academic Societies Annual Meeting in San Diego, CA 2015
7. *Response of Pediatric Dialysis Patients to Hepatitis B Booster Vaccination: a Midwest Pediatric Nephrology Consortium Study. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), San Diego, 2015
8. •Vitamin D Levels and Ambulatory Blood Pressure Monitoring Indices in Children. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Philadelphia, 2014

9. *Prevalence of Microalbuminuria in Children: Does Prematurity Matter? Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Philadelphia, 2014.
10. *Thrombotic Microangiopathy Associated with Hemolytic Uremic syndrome: A single Center 10 year Experience. American Society of Nephrology, Atlanta, 11/ 2013
11. *Fellows case presentation, 15th International Conference on Dialysis, Advances in Chronic Kidney Disease, Puerto Rico, 2013
12. *Chronic Inflammation in a failed renal transplant. (15th International Conference on Dialysis Advances in CKD conference, Puerto Rico, 2013)
13. *Donor-Specific Antibodies monitoring in Pediatric Renal Transplant Patients. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Boston, 2012
14. *Fellows case presentation at "Stump the consultants" session. Annual Dialysis Conference, San Antonio, TX, 02/2012
15. *Prevalence of Microalbuminuria In Children: Does Prematurity Matter? AAP National Conference, Boston, 2011
16. Patient Reported Outcomes Measurement Information System (PROMIS): Focus on Pediatric Nephrotic Syndrome. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Denver, May 2011.
17. *Prednisone Dosing in Treatment of Nephrotic Syndrome, Weight- Versus Body Surface Area-Based, Is There a Difference in Outcome? Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Vancouver, May 2010
18. •Positive Selection for CD133 Is Not Sufficient To Identify and Isolate Renal Progenitor Cell Populations. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Vancouver, May 2010
19. *Renal and Growth Outcomes in Henoch Schonlein Purpura (HSP) Glomerulonephritis (GN). Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Baltimore, May 2009
20. *25(OH) Vitamin D3 Deficiency in a cohort of pediatric renal transplant patients. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Baltimore, May 2009
21. •Hypoxia increases the expression of TGF-beta 1 and decreases slit diaphragm genes expression on podocytes. Pediatric Academic Society (PAS) meeting, / American Society of Nephrology (ASPN) Baltimore, May 2009
22. *25(OH) Vitamin D3 Deficiency in a cohort of pediatric dialysis patients. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Baltimore, May 2009
23. *Workup for secondary hypertension in healthy children referred to an outpatient pediatric nephrology clinic. Pediatric Academic Society (PAS) meeting / American Society of Nephrology (ASPN), Baltimore, May 2009
24. •Phenotypic characterization of candidate murine renal stem cells. Poster Presentation PAS /ASPN Toronto, May 2007
25. •Overweight and Stage1 HTN in children does not preclude secondary HTN - A Mid-West Pediatric Nephrology Consortium report. PAS /ASPN Toronto, May 2007
26. Hypertension in Infants: A single center experience. American Society of Hypertension 2007
27. Renal Ultrasound versus DMSA scan in children with Hypertension. PAS /ASPN 2007
28. •Phenotypic characterization of candidate murine renal stem cells. PAS /ASPN 2007
29. Membranous glomerulonephritis: Treatment responsiveness and renal outcome in children. PAS / ASPN 2005

30. •Identification of potential renal stem cells from mature rat kidneys. PAS / ASPN 2005
31. •True Hyponatremia in Children with Nephrotic Syndrome. PAS / ASPN 2005
32. •Serum prolactin in children with celiac disease. Asian Conference of Diarrheal diseases & nutrition, 09/2001
33. •Nutritional and hematological profile of children with celiac disease. Asian Conference of Diarrheal diseases & nutrition, 09/2001
34. •Iron deficiency in children with celiac disease on treatment with gluten free diet. Annual Conference of Pediatric Gastroenterology, September 2001.
35. •Serum prolactin in children with celiac disease. Annual Conference of Pediatric Gastroenterology, September 2001.

Invited Lectures/Presentations

International/National
Pathology Case Review by American Society of Pediatric Nephrology;
Topic; Post Streptococcal Glomerulonephritis
Invited speaker at the Pediatric Academic Societies / American Society of Pediatric Nephrology Denver, Colorado*;* April 2011
Topic; Rational Use of Diuretics in the Treatment of Pediatric hypertension

Local/regional
Saturday CME Lecture Series in Pediatric Medicine
Topic; Congenital Anomalies of the Kidney and Urinary Tract; 01/24/2015
Saturday CME Lecture Series in Pediatric Medicine,
Topic; Pediatric Hypertension; 08/23/2014
Nephcure Detroit are lunch and learn event
Topic; FSGS and Nephrotic Syndrome in Children: Diagnosis and Treatment Considerations 05/17/2014
Beaumont Emergency Medicine Lecture Series
Topic: Pediatric Hypertension: 05/08/2014
Hurley Medical Center, Pediatric Residents Noon Conference,
Topic: Congenital Renal Disorders, July 2011
Secondary Hypertension in overweight and stage 1 hypertensive children – a Midwest Pediatric Nephrology Consortium Report, Indiana, October, 2009
Phenotypic characterization of candidate murine renal stem cells, at 6th Annual research day, Department of Pediatrics and Human development, Michigan State University, April 2007
Case presentation; 10 month old infant with thrombotic microangiopathy, anemia, and severe hypertension, at the Midwest Pediatric Nephrology Club Meeting, May 2004

Invited Seminars / Grand rounds
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Hypertension: 03/2019
Pediatric Fellow Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Research, a Clinician-Educator's Perspective : 03/2019

Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Hematuria: 09/26/2017
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Urinalysis: 07/16/2015
Annual Pediatric Board Review Course, Children's Hospital of Michigan
Topic: Pediatric Nephrology for the Boards; 04/14/2015
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Hypertension and HSP: 09/25/2014
Annual Pediatric Board Review Course, Children's Hospital of Michigan
Topic: Pediatric Nephrology for the Boards; 04/2014
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Urinalysis; 08/19/2013
Dialysis Teaching Day, Children's Hospital of Michigan
Topic: Hand Hygiene and Infection control for dialysis; 07/08/2013
Annual Pediatric Board Review Course, Children's Hospital of Michigan
Topic: Pediatric Nephrology for the Boards; 04/2013
Wayne State University College of Nursing; Lecturer
Course / Term NUR 7207: Advanced Practice Nursing with Children
Topic: Nephrology and Hypertension Date: 4/12/2013
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Topic: Urinalysis and Urine Lytes ; 08/16/2012
Pediatric ER Morning Seminar, Children's Hospital of Michigan
Topic; Acute Kidney Injury, 10/2012
Annual Pediatric Board Review Course, Children's Hospital of Michigan
Topic: Pediatric Nephrology for the Boards; 04/2012
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State University
Hypertension in children, December 2011
Wayne State University College of Nursing; Lecturer
Course / Term NUR 7207: Advanced Practice Nursing with Children
Topic: Nephrology and Hypertension Date: 02/2011
Pediatric ER Morning Seminar, Children's Hospital of Michigan
Topic; Urinary Tract Infection; September 2010
Annual Pediatric Board Review Course, Children's Hospital of Michigan
Topic: Pediatric Nephrology for the Boards; 05/2010
Pediatric Resident Nephrology Seminar, Children's Hospital of Michigan, Wayne State
Topic: Acid Base Balance; July 31,2008
Pediatric ER Morning Seminar, Children's Hospital of Michigan
Topic; Urinary Tract Infection; 10/2004
Pediatric ER Morning Seminar, Children's Hospital of Michigan
Topic: Approach to a patient with hematuria and proteinuria;10/2004