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Clinical Professor, Pediatrics - Nephrology

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CLINICAL FOCUS

- Pediatric Nephrology

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Nephrology
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pediatric Nephrology Fellowship (2010) CA
- Medical Education: RG Kar Medical College and Hospital (1994) India
- Residency: Kaiser Permanente Oakland Pediatric Residency (2007) CA
- Internship: Manchester University - St Mary's Hospital (2003) United Kingdom
- Board Certification: Pediatric Nephrology, American Board of Pediatrics (2014)
- Board Certification: Pediatrics, American Board of Pediatrics (2007)
- MRCP, Royal College of Pediatrics and Child Health, London, Pediatrics (1998)

- DCH, Royal College of Pediatrics and Child Health, London , Pediatrics (1997)

Publications

PUBLICATIONS

- **Patterns in Tacrolimus Variability and Association with De Novo Donor-Specific Antibody Formation in Pediatric Kidney Transplant Recipients.** *Clinical journal of the American Society of Nephrology : CJASN*
Piburn, K. H., Sigurjonsdottir, V. K., Indridason, O. S., Maestretti, L., Patton, M. V., McGrath, A., Palsson, R., Gallo, A., Chaudhuri, A., Grimm, P. C.
2022
- **COVID-19 in pediatric kidney transplantation: a follow-up report of the Improving Renal Outcomes Collaborative.** *Pediatric nephrology (Berlin, Germany)*
Varnell, C. J., Harshman, L. A., Liu, C., Smith, L., Al-Akash, S., Barletta, G., Brakeman, P., Chaudhuri, A., Fadakar, P., Galea, L., Garro, R., Gluck, C., Kershaw, et al
2022
- **Evaluating the risk and benefit of once daily delayed release mycophenolate in pediatric kidney transplant recipients**
Maestretti, L., McGrath, A., Fong, A., Brubaker, A., Gallo, A., Grimm, P., Chaudhuri, A.
WILEY.2022
- **Early versus late ureteral stent removal in pediatric kidney transplant recipients**
McGrath, A., Maestretti, L., Samreth, S., Sheth, K., Grimm, P., Chaudhuri, A., Gallo, A.
WILEY.2022
- **High tacrolimus inpatient variability is associated with inferior graft outcomes in pediatric and young adult kidney transplant recipients**
Piburn, K., Maestretti, L., Patton, M. V., McGrath, A., Indridason, O. S., Gallo, A., Chaudhuri, A., Grimm, P. C., Sigurjonsdottir, V. K.
WILEY.2022
- **Increasing and normalizing the discussion of pregnancy prevention for female pediatric kidney transplant recipients on the fetal toxic medication, Mycophenolate**
McGrath, A., Beadles, A., Maestretti, L., Baquir, J., Alonzo, R., Fong, A., Patton, M., Stone, M., Barnes, A., Samreth, S., Grimm, P., Chaudhuri, A.
WILEY.2022
- **Update on COVID-19 vaccination in pediatric solid organ transplant recipients.** *Pediatric transplantation*
Dulek, D. E., Ardura, M. I., Green, M., Michaels, M. G., Chaudhuri, A., Vasquez, L., Danziger-Isakov, L., Posfay-Barbe, K. M., McCulloch, M. I., L'Huillier, A. G., Benden, C.
1800: e14235
- **Low dose rabbit antithymocyte globulin is non-inferior to higher dose in low-risk pediatric kidney transplant recipients.** *Pediatric nephrology (Berlin, Germany)*
Sigurjonsdottir, V. K., Maestretti, L., McGrath, A., Concepcion, W., Gallo, A., Jonsdottir, U., Grimm, P. C., Chaudhuri, A.
1800
- **Complement-Binding Donor-Specific Anti-HLA Antibodies: Biomarker for Immunologic Risk Stratification in Pediatric Kidney Transplantation Recipients** *Transpl Int*,
Sigurjonsdottir, V. K.
2022; 35
- **Postoperative Acute Kidney Injury in Williams Syndrome Compared With Matched Controls.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Yokota, R., Kwiatkowski, D. M., Journel, C., Adamson, G. T., Zucker, E., Suarez, G., Lechich, K. M., Chaudhuri, A., Collins, R. T.
2022
- **Racial Disparities in Pediatric Kidney Transplantation under the New Kidney Allocation System in the United States.** *Clinical journal of the American Society of Nephrology : CJASN*
Krissberg, J., Kaufmann, M., Gupta, A., Bendavid, E., Stedman, M., Cheng, X., Tan, J., Grimm, P., Chaudhuri, A.
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- **SARS-CoV-2 and pediatric solid organ transplantation: Current knowns and unknowns.** *Pediatric transplantation*
L'Huillier, A. G., Danziger-Isakov, L., Chaudhuri, A., Green, M., Michaels, M. G., M Posfay-Barbe, K., van der Linden, D., Verma, A., McCulloch, M., Ardura, M. I.
2021: e13986
- **Consensus Treatment Plans for Severe Pediatric Antineutrophil Cytoplasmic Antibody-Associated Vasculitis.** *Arthritis care & research*
Morishita, K. A., Wagner-Weiner, L., Yen, E. Y., Sivaraman, V., James, K. E., Gerstbacher, D., Szymanski, A. M., O'Neil, K. M., Cabral, D. A., CARRA ANCA-Associated Vasculitis Workgroup, Akamine, K., Alperin, R., Benseler, S., et al
2021
- **COVID-19 in pediatric kidney transplantation: The Improving Renal Outcomes Collaborative.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Varnell, C. n., Harshman, L. A., Smith, L. n., Liu, C. n., Chen, S. n., Al-Akash, S. n., Barletta, G. M., Belsha, C. n., Brakeman, P. n., Chaudhuri, A. n., Fadakar, P. n., Garro, R. n., Gluck, et al
2021
- **Management and prevention of varicella and measles infections in pediatric solid organ transplant candidates and recipients: An IPTA survey of current practice.** *Pediatric transplantation*
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2020: e13830
- **The Improving Renal Outcomes Collaborative: Blood Pressure Measurement in Transplant Recipients.** *Pediatrics*
Seifert, M. E., Dahale, D. S., Kamel, M., Winterberg, P. D., Barletta, G., Belsha, C. W., Chaudhuri, A., Flynn, J. T., Garro, R., George, R. P., Goebel, J. W., Kershaw, D. B., Matossian, et al
2020
- **Ureterostomy as an alternative to ileal conduits in pediatric kidney transplantation.** *Clinical transplantation*
Brubaker, A. L., Wu, H., Lee, A., Vuong, P., Stoltz, D. J., Chaudhuri, A., James, G., Grimm, P. C., Concepcion, W., Gallo, A. E.
2020: e13777
- **Peak blood pressure and prediction of posterior reversible encephalopathy syndrome in children.** *Pediatric nephrology (Berlin, Germany)*
Gall, E. n., Chaudhuri, A. n., South, A. M.
2020
- **Diarrhea in the pediatric solid organ transplantation recipient: A multidisciplinary approach to diagnosis and management.** *Pediatric transplantation*
Chaudhuri, A. n., Goddard, E. A., Green, M. n., Ardura, M. I.
2020: e13886
- **Evaluation and management of elevated blood pressures in hospitalized children** *PEDIATRIC NEPHROLOGY*
Chaudhuri, A., Sutherland, S. M.
2019; 34 (10): 1671-81
- **De novo complement-activating donor-specific antibodies in pediatric renal transplant recipients are highly responsive to therapy**
Sigurjonsdottir, V., Zhang, B. M., Vina, M., Chaudhuri, A., Concepcion, W., Gallo, A., Grimm, P.
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- **Standardizing blood pressure measurement across 17 pediatric transplant centers: The improving renal outcomes collaborative**
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- **Infections among pediatric transplant candidates: An approach to decision-making.** *Pediatric transplantation*
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2019: e13375
- **Evaluation and management of elevated blood pressures in hospitalized children.** *Pediatric nephrology (Berlin, Germany)*
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2018

- **Superior Hypertension Management in Pediatric Kidney Transplant Patients After Native Nephrectomy.** *Transplantation*
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2018; 102 (7): 1172–78
- **DUET: A Phase 2 Study Evaluating the Efficacy and Safety of Sparsentan in Patients with FSGS.** *Journal of the American Society of Nephrology : JASN*
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- **Persistent C4d and antibody-mediated rejection in pediatric renal transplant patients** *PEDIATRIC TRANSPLANTATION*
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- **Superior Long-Term Hypertension Management in Pediatric Kidney Transplant Recipients with Bilateral Native Nephrectomies**
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WILEY.2017: 762–63
- **Cysteamine in renal transplantation: A report of two patients with nephropathic cystinosis and the successful re-initiation of cysteamine therapy during the immediate post-transplant period.** *Pediatric transplantation*
Berryhill, A., Bhamre, S., Chaudhuri, A., Concepcion, W., Grimm, P. C.
2016; 20 (1): 141-145
- **Small pediatric deceased donors for pediatric renal transplant recipients** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Grimm, P., Concepcion, W.
2016; 20 (1): 7-10
- **Pediatric deceased donor renal transplantation: An approach to decision making I. Pediatric kidney allocation in the USA: The old and the new** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Gallo, A., Grimm, P.
2015; 19 (7): 776-784
- **Pediatric deceased donor renal transplantation: An approach to decision making II. Acceptability of a deceased donor kidney for a child, a snap decision at 3 AM** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Gallo, A., Grimm, P.
2015; 19 (7): 785-791
- **Whether or not to accept a deceased donor kidney offer for a pediatric patient** *PEDIATRIC NEPHROLOGY*
Chaudhuri, A., James, G., Grimm, P.
2015; 30 (9): 1529-1536
- **44-h ambulatory blood pressure monitoring: revealing the true burden of hypertension in pediatric hemodialysis patients.** *Pediatric nephrology*
Haskin, O., Wong, C. J., McCabe, L., Begin, B., Sutherland, S. M., Chaudhuri, A.
2015; 30 (4): 653-660
- **Whole-body single-frequency bioimpedance analysis in pediatric hemodialysis patients** *PEDIATRIC NEPHROLOGY*
Oh, G., Wong, C., Begin, B., Salsbery, K., Sutherland, S., Chaudhuri, A.
2014; 29 (8): 1417-1423
- **Immune cell function assay does not identify biopsy-proven pediatric renal allograft rejection or infection.** *Pediatric transplantation*
Ryan, C. M., Chaudhuri, A., Concepcion, W., Grimm, P. C.
2014; 18 (5): 446-452
- **Use of eculizumab and plasma exchange in successful combined liver-kidney transplantation in a case of atypical HUS associated with complement factor H mutation.** *Pediatric nephrology*
Tran, H., Chaudhuri, A., Concepcion, W., Grimm, P. C.
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- **Whole-body single-frequency bioimpedance analysis in pediatric hemodialysis patients.** *Pediatric nephrology (Berlin, Germany)*
Oh, G., Wong, C., Begin, B., Salsbery, K., Sutherland, S., Chaudhuri, A.
2014
- **Pediatric ambulatory blood pressure monitoring: diagnosis of hypertension.** *Pediatric nephrology*
Chaudhuri, A.
2013; 28 (7): 995-999
- **The Clinical Impact of Humoral Immunity in Pediatric Renal Transplantation** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Chaudhuri, A., Ozawa, M., Everly, M. J., Ettenger, R., Dharnidharka, V., Benfield, M., Mathias, R., Portale, A., McDonald, R., Harmon, W., Kershaw, D., Vehaskari, V. M., Kamil, et al
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- **Conversion From Tacrolimus/Mycophenolic Acid to Tacrolimus/Leflunomide to Treat Cutaneous Warts in a Series of Four Pediatric Renal Allograft Recipients** *TRANSPLANTATION*
Lieuco Nguyen, L., McClellan, R. B., Chaudhuri, A., Alexander, S. R., Chen, S. F., Concepcion, W., Grimm, P.
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- **Circulating urokinase receptor as a cause of focal segmental glomerulosclerosis** *NATURE MEDICINE*
Wei, C., El Hindi, S., Li, J., Fornoni, A., Goes, N., Sageshima, J., Maiguel, D., Karumanchi, S. A., Yap, H., Saleem, M., Zhang, Q., Nikolic, B., Chaudhuri, et al
2011; 17 (8): 952-U70
- **Role of Twenty-Four-Hour Ambulatory Blood Pressure Monitoring in Children on Dialysis** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
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2011; 6 (4): 870-876
- **Efficacy and Safety of Thymoglobulin Induction as an Alternative Approach for Steroid-Free Maintenance Immunosuppression in Pediatric Renal Transplantation** *TRANSPLANTATION*
Li, L., Chaudhuri, A., Chen, A., Zhao, X., Bezchinsky, M., Concepcion, W., Salvatierra, O., Sarwal, M. M.
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- **Compartmental Localization and Clinical Relevance of MICA Antibodies After Renal Transplantation** *TRANSPLANTATION*
Li, L., Chen, A., Chaudhuri, A., Kambham, N., Sigdel, T., Chen, R., Sarwal, M. M.
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Chaudhuri, A., Salvatierra, O., Sarwal, M. M.
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- **Subclinical cytomegalovirus and Epstein-Barr virus viremia are associated with adverse outcomes in pediatric renal transplantation** *PEDIATRIC TRANSPLANTATION*
Li, L., Chaudhuri, A., Weintraub, L. A., Hsieh, F., Shah, S., Alexander, S., Salvatierra, O., Sarwal, M. M.
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2006; 10 (2): 266-270