

Stanford



Shuchi Anand

Associate Professor of Medicine (Nephrology)

Medicine - Nephrology

CLINICAL OFFICE (PRIMARY)

- **Nephrology**

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Bio

BIO

Shuchi Anand M.D. M.S. is Director of the Center for Tubulointerstitial Kidney Disease at Stanford University (<http://stan.md/tikidney>). She received her Medical Degree from Washington University School of Medicine in St. Louis, and completed her internal medicine training at Brigham and Women's Hospital (Partners Healthcare, Harvard Medical School) in Boston. She completed her Masters in Clinical Epidemiology and nephrology fellowship at Stanford University School of Medicine.

Dr. Anand is engaged in clinical research aimed at advancing the care of patients with kidney disease living in low-resource settings using practical tools. She has active projects in collaboration with University of Utah promote exercise programming for underserved populations, with Center for Chronic Disease Control in India to study risk factors for kidney disease in South Asians, and with Kandy Hospital Sri Lanka to investigate chronic kidney disease of unknown etiology affecting agricultural communities. During the COVID19 pandemic Dr Anand also participated in partnership to elucidate sero-epidemiology, vaccine acceptance and response to vaccination among patients on dialysis. She is part of two NIH consortia focused on improving the health of underserved populations.

CLINICAL FOCUS

- Nephrology
- Tubulointerstitial disease

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Nephrology

ADMINISTRATIVE APPOINTMENTS

- Nephrology Elective Director, Stanford University, (2014-2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Asian Nephrologists of Indian Origin (2017 - present)
- Organizing member, International Consortium of CKDu Collaborators (2016 - present)

- Board Member, International Society of Nephrology, North America and Caribbean Regional Board (2017 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Nephrology Fellowship (2012) CA
- Residency: Brigham and Women's Hospital Internal Medicine Residency (2009) MA
- Medical Education: Washington University School Of Medicine Registrar (2006) MO
- Board Certification: Nephrology, American Board of Internal Medicine (2012)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2009)
- Masters in Clinical Epidemiology, Stanford University School of Medicine
- Fellowship, Stanford University School of Medicine , Nephrology
- Residency, Brigham and Women's Hospital , Internal Medicine (2009)

COMMUNITY AND INTERNATIONAL WORK

- ISN Sister Center

LINKS

- Exercise is Medicine Initiative: <http://exerciseismedicine.org/>
- Global Poverty Affiliate: <http://globalpoverty.stanford.edu/people/shuchi-anand>
- Tubulointerstitial kidney disease: <http://stan.md/tkd>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr Anand is interested in improving care for patients with kidney disease living in low-resource settings and using practical tools. She has active projects in India and Sri Lanka. She is also involved with the Exercise is Medicine initiative, with an active pilot clinical trial in adapting the intervention for patients with advanced kidney disease.

CLINICAL TRIALS

- Exercise is Medicine for Patients With CKD, Not Recruiting
- SARS-COV-2 Screening in Dialysis Facilities, Not Recruiting

PROJECTS

- CKDu in Sri Lanka: standardizing data collection for case definition and epidemiology research - Stanford University
- CKD in South Asians: CARRS study - Stanford University

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Nephrology (Fellowship Program)

Publications

PUBLICATIONS

- **Capacity for the management of kidney failure in the International Society of Nephrology North America and the Caribbean region: report from the 2023 ISN Global Kidney Health Atlas (ISN-GKHA).** *Kidney international supplements*
Lowe-Jones, R., Ethier, I., Fisher, L. A., Wong, M. M., Thompson, S., Nakhoul, G., Sandal, S., Chanchlani, R., Davison, S. N., Ghimire, A., Jindal, K., Osman, M. A., Riaz, et al

2024; 13 (1): 83-96

- **TINU: A Multisystemic Inflammatory Disorder-Case Report and Literature Review.** *Case reports in nephrology*
Montejo-Hernandez, J., Rico-Fontalvo, J., Cabrales, J., Anand, S., Martinez-Avila, M. C., Duran-Merino, C., Arias-Restrepo, L., Gomez Duran, C. A.
2024; 2024: 3909755
- **Kidney biopsies among persons living in hotspots of CKDu: A position statement from the International Society of Nephrology's Consortium of Collaborators on CKDu.** *Kidney international*
Wijewickrama, E., Behera, S., Garcia, P., Avila-Casado, C., Caplin, B., Paolo, V. S., Courville, K., Friedman, D., Madero, M., Jha, V., Kambham, N., Levin, A., Anand, et al
2023
- **Kidney disease hotspots and water balance in a warming world.** *Current opinion in nephrology and hypertension*
Contreras Nieves, M., Powers, A., Anand, S., Vlahos, P.
2023
- **Use of Wastewater Metrics to Track COVID-19 in the US.** *JAMA network open*
Varkila, M. R., Montez-Rath, M. E., Salomon, J. A., Yu, X., Block, G. A., Owens, D. K., Chertow, G. M., Parsonnet, J., Anand, S.
2023; 6 (7): e2325591
- **Describing Natural History and Exploring Risk Factors for Kidney Function Decline in Persons With CKD of Uncertain Etiology in Sri Lanka.** *Kidney international reports*
Hewavitharana, P., Schensul, S., Lee, E., Montez-Rath, M., Senarathne, S., Liu, S., Harold, K., Hewapathirana, S., Erandika, N., Abeyesundara, H. T., Yu, X., Bhalla, V., Fire, et al
2023; 8 (7): 1430-1438
- **Acute kidney injury in patients treated with immune checkpoint inhibitors** *JOURNAL FOR IMMUNOTHERAPY OF CANCER*
Gupta, S., Short, S. P., Sise, M. E., Prosek, J. M., Madhavan, S. M., Soler, M., Ostermann, M., Herrmann, S. M., Abudayyeh, A., Anand, S., Glezerman, I., Motwani, S. S., Murakami, et al
2023; 11 (4)
- **Feasibility and Acceptability of SARS-CoV-2 Screening among Patients Receiving Hemodialysis: A Pilot Study.** *Clinical journal of the American Society of Nephrology : CJASN*
Anand, S., Montez-Rath, M., Varkila, M., Yu, X., Block, M., Brillhart, S., Leppink, A., Hunsader, P., Owens, D. K., Chertow, G. M., Parsonnet, J., Block, G.
2023
- **Use of wastewater metrics to track COVID-19 in the U.S.: a national time-series analysis over the first three quarters of 2022.** *medRxiv : the preprint server for health sciences*
Varkila, M., Montez-Rath, M., Salomon, J., Yu, X., Block, G., Owens, D. K., Chertow, G. M., Parsonnet, J., Anand, S.
2023
- **Risk Amplifiers for Vascular Disease and CKD in South Asians: When Intrinsic beta-Cell Dysfunction Meets a High-Carbohydrate Diet.** *Clinical journal of the American Society of Nephrology : CJASN*
Vijayan, M., Deshpande, K., Anand, S., Deshpande, P.
2023
- **Challenges and opportunities in interventions for chronic kidney disease of unknown origin (CKDu): report from the International Society of Nephrology Consortium of Collaborators on CKDu.** *Kidney international*
Smyth, B., Glaser, J., Butler-Dawson, J., Nanayakkara, N., Wegman, D. H., Anand, S., Levin, A., International Society of Nephrology's International Consortium of Collaborators on Chronic Kidney Disease of Unknown Etiology (i3C), Caplin, B., Correa Rotter, R., Eckardt, K., Fire, A., Friedman, D., et al
2023; 103 (1): 6-12
- **Hemoglobin Levels Among Male Agricultural Workers: Analyses From the Demographic and Health Surveys to Investigate a Marker for Chronic Kidney Disease of Uncertain Etiology.** *Journal of occupational and environmental medicine*
Lin, Y., Heng, S., Anand, S., Deshpande, S. K., Small, D. S.
2022; 64 (12): e805-e810
- **Estimated glomerular filtration rate trajectories in south Asians: Findings from the cardiometabolic risk reduction in south Asia study.** *The Lancet regional health. Southeast Asia*
Jagannathan, R., Anand, S., Hogan, J., Mandal, S., Kondal, D., Gupta, R., Patel, S. A., Anjana, R. M., Deepa, M., Ali, M. K., Mohan, V., Tandon, N., Narayan, et al
2022; 6: 100062

- **Author Correction: Impact of the COVID-19 pandemic on the kidney community: lessons learned and future directions.** *Nature reviews. Nephrology*
Geetha, D., Kronbichler, A., Rutter, M., Bajpai, D., Menez, S., Weissenbacher, A., Anand, S., Lin, E., Carlson, N., Sozio, S., Fowler, K., Bignall, R., Ducharlet, et al
2022
- **Shorter versus longer corticosteroid duration and recurrent immune checkpoint inhibitor-associated AKI.** *Journal for immunotherapy of cancer*
Gupta, S., Garcia-Carro, C., Prosek, J. M., Glezerman, I., Herrmann, S. M., Garcia, P., Abudayyeh, A., Lumlertgul, N., Malik, A. B., Loew, S., Beckerman, P., Renaghan, A. D., Carlos, et al
2022; 10 (9)
- **Impact of the COVID-19 pandemic on the kidney community: lessons learned and future directions.** *Nature reviews. Nephrology*
Geetha, D., Kronbichler, A., Rutter, M., Bajpai, D., Menez, S., Weissenbacher, A., Anand, S., Lin, E., Carlson, N., Sozio, S., Fowler, K., Bignall, R., Ducharlet, et al
2022
- **SARS-CoV-2 Infection during the Omicron Surge among Patients Receiving Dialysis: The Role of Circulating Receptor-Binding Domain Antibodies and Vaccine Doses.** *Journal of the American Society of Nephrology : JASN*
Montez-Rath, M. E., Garcia, P., Han, J., Cadden, L., Hunsader, P., Morgan, C., Kerschmann, R., Beyer, P., Dittrich, M., Block, G. A., Parsonnet, J., Chertow, G. M., Anand, et al
2022
- **Acute Kidney Injury in Patients Receiving Pembrolizumab Combination Therapy versus Pembrolizumab Monotherapy for Advanced Lung Cancer.** *Kidney international*
Gupta, S., Strohbehn, I. A., Wang, Q., Hanna, P. E., Seethapathy, R., Prosek, J. M., Herrmann, S. M., Abudayyeh, A., Malik, A. B., Loew, S., Carlos, C. A., Chang, W., Beckerman, et al
2022
- **Unraveling the Mysteries of CKD of Uncertain Etiology.** *Clinical journal of the American Society of Nephrology : CJASN*
Garcia, P., Anand, S.
2022
- **Plasma exchange for severe immune-related adverse events from checkpoint inhibitors: an early window of opportunity?** *Immunotherapy advances*
Katsumoto, T. R., Wilson, K. L., Giri, V. K., Zhu, H., Anand, S., Ramchandran, K. J., Martin, B. A., Yunce, M., Muppidi, S.
2022; 2 (1): Itac012
- **SARS-CoV-2 Booster Vaccine Response among Patients Receiving Dialysis.** *Clinical journal of the American Society of Nephrology : CJASN*
Garcia, P., Han, J., Montez-Rath, M., Sun, S., Shang, T., Parsonnet, J., Chertow, G., Anand, S., Schiller, B., Abra, G.
2022
- **SARS-CoV-2 infection during the Omicron surge among patients receiving dialysis: the role of circulating receptor-binding domain antibodies and vaccine doses.** *medRxiv : the preprint server for health sciences*
Montez-Rath, M. E., Garcia, P., Han, J., Cadden, L., Hunsader, P., Morgan, C., Kerschmann, R., Beyer, P., Dittrich, M., Block, G. A., Anand, S., Parsonnet, J., Chertow, et al
2022
- **Trust-free service measurement and payments for decentralized cellular networks** *HotNets '22*
Anand, S., Arslan, S., Chopra, R., Katti, S., Vaddiraju, M. K., Rana, R., Sheng, P., Tyagi, H., Viswanath, P.
2022: 8
- **SARS-CoV-2 Vaccine Antibody Response and Breakthrough Infection in Patients Receiving Dialysis.** *Annals of internal medicine*
Anand, S., Montez-Rath, M. E., Han, J., Garcia, P., Cadden, L., Hunsader, P., Morgan, C., Kerschmann, R., Beyer, P., Dittrich, M., Block, G. A., Chertow, G. M., Parsonnet, et al
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- **Water sources and kidney function: investigating chronic kidney disease of unknown etiology in a prospective study** *NPJ CLEAN WATER*
Vlahos, P., Schensul, S. L., Anand, S., Shipley, E., Diyabalanage, S., Hu, C., Ha, T., Staniec, A., Haider, L., Schensul, J. J., Hewavitharane, P., Silva, T., Chandrajith, et al
2021; 4 (1)
- **Perceptions of physical activity and technology enabled exercise interventions among people with advanced chronic kidney disease: a qualitative study.** *BMC nephrology*

- Weber, M. B., Ziolkowski, S., Bootwala, A., Bienvenida, A., Anand, S., Lobelo, F.
2021; 22 (1): 373
- **Obesity and Incident Kidney Disease: Busting the Myth of Metabolically Healthy Obesity.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Anand, S., Chertow, G. M., Beddhu, S.
2021
 - **COVID19 Vaccine Type and Humoral Immune Response in Patients Receiving Dialysis.** *Journal of the American Society of Nephrology : JASN*
Garcia, P., Anand, S., Han, J., Montez-Rath, M., Sun, S., Shang, T., Parsonnet, J., Chertow, G., Schiller, B., Abra, G.
2021
 - **Acute kidney injury in patients treated with immune checkpoint inhibitors.** *Journal for immunotherapy of cancer*
Gupta, S., Short, S. A., Sise, M. E., Prosek, J. M., Madhavan, S. M., Soler, M. J., Ostermann, M., Herrmann, S. M., Abudayyeh, A., Anand, S., Glezerman, I., Motwani, S. S., Murakami, et al
2021; 9 (10)
 - **Estimated SARS-CoV-2 Seroprevalence in US Patients Receiving Dialysis 1 Year After the Beginning of the COVID-19 Pandemic.** *JAMA network open*
Anand, S., Montez-Rath, M., Han, J., Cadden, L., Hunsader, P., Kerschmann, R., Beyer, P., Boyd, S. D., Garcia, P., Dittrich, M., Block, G. A., Parsonnet, J., Chertow, et al
2021; 4 (7): e2116572
 - **Antibody Response to COVID-19 Vaccination in Patients Receiving Dialysis.** *Journal of the American Society of Nephrology : JASN*
Anand, S., Montez-Rath, M., Han, J., Garcia, P., Cadden, L., Hunsader, P., Kerschmann, R., Beyer, P., Dittrich, M., Block, G., Boyd, S., Parsonnet, J., Chertow, et al
2021
 - **Serial SARS-CoV-2 Receptor-Binding Domain Antibody Responses in Patients Receiving Dialysis.** *Annals of internal medicine*
Anand, S., Montez-Rath, M. E., Han, J., Garcia, P., Cadden, L., Hunsader, P., Kerschmann, R., Beyer, P., Boyd, S. D., Chertow, G. M., Parsonnet, J.
2021
 - **Immune Checkpoint Inhibitor Pneumonitis: Heterogeneity in Clinical Management**
Filsoof, D., Padda, S. K., Garcia, P., Stedman, M., Neal, J. W., Wakelee, H. A., Ramchandran, K., Das, M., Ramsey, M., Bedi, H. S., Sung, A., Raj, R., Anand, et al
AMER THORACIC SOC.2021
 - **Pragmatic Application of Computed Tomography Lung Texture Analysis in Immune Checkpoint Inhibitor Pneumonitis: An Exploratory Study**
Filsoof, D., Im, J., Garcia, P., Stedman, M., Anand, S., Neal, J. W., Wakelee, H. A., Ramchandran, K., Das, M., Padda, S. K., Sharifi, H., Mooney, J. J., Tsai, et al
AMER THORACIC SOC.2021
 - **SARS-CoV-2 Vaccine Acceptability in Patients on Hemodialysis: A Nationwide Survey.** *Journal of the American Society of Nephrology : JASN*
Garcia, P., Montez-Rath, M. E., Moore, H., Flotte, J., Fults, C., Block, M. S., Han, J., Dittrich, M., Parsonnet, J., Chertow, G. M., Block, G. A., Anand, S.
2021
 - **Coronavirus Disease 2019 in Patients with End-Stage Kidney Disease on Hemodialysis in Guatemala.** *Kidney international reports*
Sosa, R., Garcia, P., Cipriano, E. O., Hernandez, A., Hernandez, E. E., Chavez, P. I., Manchinelli, A., Morales, O. A., Flores, L. E., Romero, H. J., Raquec, Y., Sapon, B. F., Soch, et al
2021
 - **Laboratory correlates of SARS-CoV-2 seropositivity in a nationwide sample of patients on dialysis in the U.S.** *PloS one*
Anand, S., Montez-Rath, M. E., Han, J., Garcia, P., Bozeman, J., Kerschmann, R., Beyer, P., Parsonnet, J., Chertow, G. M.
2021; 16 (4): e0249466
 - **Diagnostic Yield of Population-Based Screening for Chronic Kidney Disease in Low-Income, Middle-Income, and High-Income Countries.** *JAMA network open*
Tonelli, M., Tiv, S., Anand, S., Mohan, D., Garcia Garcia, G., Gutiérrez Padilla, J. A., Klarenbach, S., Navarro Blackaller, G., Seck, S., Wang, J., Zhang, L., Muntner, P.
2021; 4 (10): e2127396
 - **SARS-CoV-2 vaccine antibody response and breakthrough infection in dialysis.** *medRxiv : the preprint server for health sciences*
Anand, S., Montez-Rath, M. E., Han, J., Garcia, P., Cadden, L., Hunsader, P., Morgan, C., Kerschmann, R., Beyer, P., Dittrich, M., Block, G. A., Chertow, G. M., Parsonnet, et al

2021

- **Development and validation of high definition phenotype-based mortality prediction in critical care units.** *JAMIA open*
Sun, Y., Kaur, R., Gupta, S., Paul, R., Das, R., Cho, S. J., Anand, S., Boutilier, J. J., Saria, S., Palma, J., Saluja, S., McAdams, R. M., Kaur, et al
2021; 4 (1): ooab004
- **Group-Based Exercise in CKD Stage 3b to 4: A Randomized Clinical Trial.** *Kidney medicine*
Anand, S., Ziolkowski, S. L., Bootwala, A., Li, J., Pham, N., Cobb, J., Lobelo, F.
2021; 3 (6): 951-961.e1
- **COVID19 vaccine type and humoral immune response in patients receiving dialysis.** *medRxiv : the preprint server for health sciences*
Garcia, P., Anand, S., Han, J., Montez-Rath, M., Sun, S., Shang, T., Parsonnet, J., Chertow, G. M., Schiller, B., Abra, G.
2021
- **Prevalence, risk factors and predicted risk of cardiac events in chronic kidney disease of uncertain aetiology in Sri Lanka: A tubular interstitial nephropathy.** *PLoS one*
Hettiarachchi, T. W., Fernando, B. N., Sudeshika, T., Badurdeen, Z., Anand, S., Kularatne, A., Wijetunge, S., Abey Bandara, H. T., Nanayakkara, N.
2021; 16 (4): e0249539
- **International consensus definitions of clinical trial outcomes for kidney failure: 2020.** *Kidney international*
Levin, A., Agarwal, R., Herrington, W. G., Heerspink, H. L., Mann, J. F., Shahinfar, S., Tuttle, K. R., Donner, J., Jha, V., Nangaku, M., de Zeeuw, D., Jardine, M. J., Mahaffey, et al
2020; 98 (4): 849–59
- **Past Sodium Intake, Contemporary Sodium Intake, and Cardiometabolic Health in Southwest Coastal Bangladesh.** *Journal of the American Heart Association*
Naser, A. M., Rahman, M., Unicomb, L., Doza, S., Selim, S., Chaity, M., Luby, S. P., Anand, S., Staimez, L., Clasen, T. F., Gujral, U. P., Gribble, M. O., Narayan, et al
2020: e014978
- **Associations of drinking rainwater with macro-mineral intake and cardiometabolic health: a pooled cohort analysis in Bangladesh, 2016-2019** *NPJ CLEAN WATER*
Naser, A., Rahman, M., Unicomb, L., Parvez, S., Islam, S., Doza, S., Khan, G., Ahmed, K., Anand, S., Luby, S. P., Shamsudduha, M., Gribble, M. O., Narayan, et al
2020; 3 (1)
- **Associations of drinking rainwater with macro-mineral intake and cardiometabolic health: a pooled cohort analysis in Bangladesh, 2016-2019.** *NPJ clean water*
Naser, A. M., Rahman, M., Unicomb, L., Parvez, S. M., Islam, S., Doza, S., Khan, G. K., Ahmed, K. M., Anand, S., Luby, S. P., Shamsudduha, M., Gribble, M. O., Venkat Narayan, et al
2020; 3: 20
- **Fibroblast Growth Factor-23 and a Vegetarian Diet.** *Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation*
Anand, S., Jagannathan, R., Gupta, R., Mohan, S., Prabhakaran, D., Wolf, M.
2020
- **Potassium Intake in India: Opportunity for Mitigating Risks of High-Sodium Diets.** *American journal of preventive medicine*
Anand, S., Shivashankar, R., Kondal, D., Garg, V., Khandelwal, S., Gupta, R., Krishnan, A., Amarchand, R., Poulter, N., Reddy, K. S., Prabhakaran, D., Mohan, S.
2020; 58 (2): 302–12
- **Prevention and management of CVD in LMICs: why do ethnicity, culture, and context matter?** *BMC medicine*
Anand, S. n., Bradshaw, C. n., Prabhakaran, D. n.
2020; 18 (1): 7
- **Characteristics and Outcomes of Individuals With Pre-existing Kidney Disease and COVID-19 Admitted to Intensive Care Units in the United States.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Flythe, J. E., Assimon, M. M., Tugman, M. J., Chang, E. H., Gupta, S. n., Shah, J. n., Sosa, M. A., DeMauro Renaghan, A. n., Melamed, M. L., Wilson, F. P., Neyra, J. A., Rashidi, A. n., Boyle, et al
2020

- **Using GIS Mapping to Track Hot Spots of Kidney Disease in California.** *The New England journal of medicine*
Anand, S. n., Staniec, A. n., Montez-Rath, M. n., Vlahos, P. n.
2020; 382 (23): 2265–67
- **Prevalence of SARS-CoV-2 antibodies in a large nationwide sample of patients on dialysis in the USA: a cross-sectional study.** *Lancet (London, England)*
Anand, S. n., Montez-Rath, M. n., Han, J. n., Bozeman, J. n., Kerschmann, R. n., Beyer, P. n., Parsonnet, J. n., Chertow, G. M.
2020
- **Consequences of access to water from managed aquifer recharge systems for blood pressure and proteinuria in south-west coastal Bangladesh: a stepped-wedge cluster-randomized trial.** *International journal of epidemiology*
Naser, A. M., Doza, S. n., Rahman, M. n., Unicomb, L. n., Ahmed, K. M., Anand, S. n., Selim, S. n., Shamsudduha, M. n., Narayan, K. M., Chang, H. n., Clasen, T. F., Gribble, M. O., Luby, et al
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- **Acute Kidney Injury in Children Hospitalized With Diarrheal Illness in the United States.** *Hospital pediatrics*
Bradshaw, C., Han, J., Chertow, G. M., Long, J., Sutherland, S. M., Anand, S.
2019
- **Mineral and bone disorder and management in the China Dialysis Outcomes and Practice Patterns Study.** *Chinese medical journal*
Wang, J., Bieber, B. A., Hou, F., Port, F. K., Anand, S.
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- **Medical Record Documentation of Goals-of-Care Discussions Among Older Veterans With Incident Kidney Failure.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Bradshaw, C. L., Gale, R. C., Chettiar, A., Ghaus, S. J., Thomas, I., Fung, E., Lorenz, K., Asch, S. M., Anand, S., Kurella Tamura, M.
2019
- **Global Health Training Opportunities in North American Nephrology Fellowships** *KIDNEY INTERNATIONAL REPORTS*
Rope, R., Perl, J., Anand, S., Kalantar-Zadeh, K., Levin, A., Fogo, A., Cheung, A., Eddy, A., Garg, A., Kasiske, B., Barton, E., Finkelstein, F., Bargman, et al
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- **The Economic Benefits of Community-based Stand-alone Hemodialysis Units (SAUs) in Kerala Reply** *KIDNEY INTERNATIONAL REPORTS*
Bradshaw, C., Narayanan, S., Narayanan, R., Anand, S.
2019; 4 (6): 898–99
- **Drinking Water Salinity, Urinary Macro-Mineral Excretions, and Blood Pressure in the Southwest Coastal Population of Bangladesh** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
Naser, A., Rahman, M., Unicomb, L., Doza, S., Gazi, M., Alam, G., Karim, M., Uddin, M., Khan, G., Ahmed, K., Shamsudduha, M., Anand, S., Narayan, et al
2019; 8 (9)
- **Prevalence of and risk factors for chronic kidney disease of unknown aetiology in India: secondary data analysis of three population-based cross-sectional studies.** *BMJ open*
O'Callaghan-Gordo, C., Shivashankar, R., Anand, S., Ghosh, S., Glaser, J., Gupta, R., Jakobsson, K., Kondal, D., Krishnan, A., Mohan, S., Mohan, V., Nitsch, D., P A, et al
2019; 9 (3): e023353
- **Paying for Hemodialysis in Kerala, India: A Description of Household Financial Hardship in the Context of Medical Subsidy.** *Kidney international reports*
Bradshaw, C., Gracious, N., Narayanan, R., Narayanan, S., Safeer, M., Nair, G. M., Murlidharan, P., Sundaresan, A., Retnaraj Santhi, S., Prabhakaran, D., Kurella Tamura, M., Jha, V., Chertow, et al
2019; 4 (3): 390–398
- **Paying for Hemodialysis in Kerala, India: A Description of Household Financial Hardship in the Context of Medical Subsidy** *KIDNEY INTERNATIONAL REPORTS*
Bradshaw, C., Gracious, N., Narayanan, R., Narayanan, S., Safeer, M., Nair, G. M., Murlidharan, P., Sundaresan, A., Santhi, S., Prabhakaran, D., Tamura, M., Jha, V., Chertow, et al
2019; 4 (3): 390–98
- **Prospective Biopsy-Based Study of CKD of Unknown Etiology in Sri Lanka** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Anand, S., Montez-Rath, M. E., Adasooriya, D., Ratnatunga, N., Kambham, N., Wazil, A., Wijetunge, S., Badurdeen, Z., Ratnayake, C., Karunasena, N., Schensul, S. L., Valhos, P., Haider, et al
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Wang, J. n., Bieber, B. A., Hou, F. F., Port, F. K., Anand, S. n.
2019; 132 (23): 2775–82
- **Chronic kidney diseases in agricultural communities: report from a workshop.** *Kidney international*
Mendley, S. R., Levin, A. n., Correa-Rotter, R. n., Joubert, B. R., Whelan, E. A., Curwin, B. n., Koritzinsky, E. H., Gaughan, D. M., Kimmel, P. L., Anand, S. n.,
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