

Personal Information

Full Name: Dhiren Kumar, M.D.

Title: Transplant Nephrologist

Business Name: Virginia Commonwealth University

Business Address: 1200 East Marshall Street, Gateway Building, 7th Floor,
Richmond, Virginia 23298-0274

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Email: dhiren.kumar@vcuhealth.org

Languages Spoken: English, Hindi

Professional Summary

Primary Departmental Specialization Area/Field

Kidney Transplantation

Pancreas Transplantation

Nephrology

Chronic Kidney Disease

Dialysis

Immunosuppression in Kidney and Pancreas Transplantation

Areas of Expertise and Interest

Kidney Transplantation

Pancreas Transplantation

Immunosuppression in Kidney and Pancreas Transplantation

Kidney Allograft Rejection

Kidney Disease in Solid Organ Transplantation

Education

Post Graduate

Transplant and General Nephrology Fellowship: Virginia Commonwealth University
School of Medicine, Richmond, Virginia
07/2010 - 06/2013

Internal Medicine Residency, Virginia Commonwealth University School of Medicine,
Richmond, Virginia
07/2002 - 06/2005

Graduate

University of Virginia, Charlottesville, Virginia, Doctor of Medicine, 2002
08/1998 - 06/2002

Undergraduate

University of North Florida, Jacksonville, Florida, Biology, Bachelor of Science, 1997,
Magna Cum Laude
08/1994 - 05/1997

Certification & Licensure

Licensure

United States Medical Licensing Exam, Step III: April, 2005
04/2005

United States Medical Licensing Exam, Step II: October 12, 2001
10/2001

United States Medical Licensing Exam, Step I: June 6, 2000
06/2000

Certification

American Board of Internal Medicine Licensing Exam: Board Certified Nephrology
October 10, 2013
10/2013

American Board of Internal Medicine Licensing Exam; August 2005
08/2005

Hospital Appointments

Assistant Professor, Nephrology, Department of Internal Medicine, Virginia Commonwealth University Health System, Richmond, Virginia
07/2013 - Present

Academic Appointment History

Transplant Nephrology Fellowship Director, Virginia Commonwealth University,
Richmond, VA, USA
07/2018 - Present

Assistant Professor of Medicine, Division of Nephrology, Virginia Commonwealth
University, Richmond, VA, USA
07/2013 - Present

Attending Transplant Nephrologist, Hume-Lee Transplant Center, Virginia
Commonwealth University, Richmond, VA, USA
07/2013 - Present

Employment History

Assistant Professor of Medicine, Division of Nephrology, Virginia Commonwealth University Health System, Richmond, VA, USA
07/2013 - Present

Assistant Professor of Medicine, Academic Hospitalist Service, Department of Internal Medicine, Virginia Commonwealth University Health System, Richmond, VA, USA
08/2008 - 06/2010

Internal Medicine Hospitalist, Bon Secours St. Francis Medical Center, Bon Secours Health System, Primedoc of St. Francis, Midlothian, VA, USA
04/2007 - 08/2008

Assistant Professor of Medicine, Academic Hospitalist Service, Department of Internal Medicine, Virginia Commonwealth University Health System, Richmond, VA, USA
07/2005 - 04/2007

Special Awards & Honors

Nominated by Peers as an Excellent Clinical Educator, Department of Internal Medicine, Virginia Commonwealth University
02/2019

University Of North Florida Alumni Endowed Scholarship, Jacksonville, Florida
08/1996

University Of North Florida Alumni Endowed Scholarship, Jacksonville, Florida
08/1995

Society Memberships

The Transplantation Society (TTS)
06/2016 - Present

American Society of Transplantation (AST)
07/2013 - Present

American Society of Nephrology (ASN)
10/2011 - Present

Advising and Mentoring

2018-Present: Frough N. Safavi, VCU Medical Student
Belatacept in Kidney Transplant Chronic Antibody Mediated Rejection
06/2018 - Present

D. Kumar, F. Safavi, R. Sandhu, P. Halloran, I. Yakubu, M. Levy, I. Moinuddin, P. Kimball, L. Kamal, A. King, H. Massey, G. Gupta. Lack Of Response To Tocilizumab In Kidney Transplants With Chronic Antibody-mediated Rejection. Poster presentation at

the American Transplant Congress 2019, Boston, MA.

D. Kumar, F. Safavi, R. Sandhu, P. Halloran, I. Yakubu, M. Levy, I. Moinuddin, P. Kimball, L. Kamal, A. King, H. Massey, G. Gupta. Lack Of Response To Tocilizumab In Kidney Transplants With Chronic Antibody-mediated Rejection. Poster presentation at the Virginia Commonwealth University Student Research Day 04/10/2019, Richmond, VA.

06/2018 - Present

2017-2018: Ujwal Gautam, Transplant Nephrology Fellow

Induction Immunosuppression in Simultaneous Liver Kidney Transplantation, Poster Presentation at the American Transplant Congress 2018 Meeting
08/2017 - 08/2018

2017-2018: Irfan Moinuddin, Transplant Nephrology Fellow

Induction Immunosuppression in Simultaneous Heart Kidney Transplantation, Oral Presentation at the American Transplant Congress 2018 Meeting
07/2017 - 07/2018

2016-2017: Pooja Sanghi, Transplant Nephrology Fellow

Impact of Belatacept Conversion on Kidney Transplant Function, Histology and Gene Expression, Oral Presentation at the American Transplant Congress 2017 Meeting

Sanghi P, Gupta G, Massey HD, **Kumar D**. Fever in a Kidney Transplant Recipient. Am J Transplant. 2017 Jun;17(6):1688-1690. doi: 10.1111/ajt.14285. PubMed PMID: [28544281](#).

07/2016 - 07/2017

2016-2017: Justin Joseph, Pre-Med Student, Belatacept for Allograft Dysfunction

Dhiren Kumar, Anil Regmi, Hasan Fattah, Hitarth Dave, Justin Joseph, Pamela Kimball, Amit Sharma, Chandra S. Bhati, Hugh D. Massey, Anne L. King, Gaurav Gupta. Patterns of improvement in kidney function among patients converted to belatacept from calcineurin inhibitors for kidney allograft dysfunction. Oral presentation at the 26th International Congress of The Transplantation Society 2016, Hong Kong.
2016 - 2017

Presentations

Invited

Internal/VCU

Chronic Antibody Mediated Rejection in Kidney and Liver Transplantation, Nephrology Grand Rounds
05/2019

Chronic Antibody Mediated Rejection in Abdominal Transplants, Transplant Teaching Conference
04/2019

Clinicopathological Conference, Expert Discussant, Internal Medicine
02/2019

Pre-Kidney Transplant Evaluation, Nephrology Fellows Conference
12/2017

Renal Transplant Biopsies, Nephrology Fellows Conference
10/2017

Immunosuppression for Kidney Transplantation: A Review, Nephrology Fellows Conference
05/2017

Expanding The Kidney Donor Pool, Internal Medicine Grand Rounds
01/2017

Kidney Transplant and Lupus Nephritis; Renal-Rheumatology Conference
09/2016

Antibody Mediated Rejection: Therapeutic Options and Review Of Evidence, Transplant Teaching Conference
09/2016

Medications in Renal Transplantation, Nephrology Fellows Conference
01/2016

Hepatitis C and Kidney Transplantation A Change Is Coming, Nephrology Grand Rounds
09/2014

Pre-Kidney Transplant Coronary Artery Disease Evaluation and Management, Nephrology Grand Rounds
05/2013

Donor Specific Antibody: What, Why and When, Nephrology Grand Rounds
06/2012

Accommodation in Renal Transplantation, Nephrology Grand Round and Transplant Teaching Conference
12/2011

Protocol Kidney Transplant Biopsy Role in Clinical Practice, Nephrology Grand Rounds
04/2011

Local/Regional (Virginia but Non-VCU)

"Going Home, Staying Home, All about home dialysis & transplant but didn't know to

ask." Invited Speaker: Transplant, Your transplant options: high risk, high antibodies, living donor, paired donations What to expect before, during and after the transplant.
04/2019

Expanding the Kidney Donor Pool, Presentation to the Quality Insights Medical Review Board for ESRD network Region 5
10/2018

General Principles of Kidney Transplantation, Community Memorial Hospital Education Seminar, South Hill, Virginia
04/2018

National

D. Kumar, M. Raynaud, P. Halloran, A. Loupy, J. Chang, J. Reeve, I. Yakubu, S. Bobba, L. Kamal, M. Levy, C. Bhati, P. Kimball, A. King, G. Gupta. Impact Of Belatacept Conversion On Renal Function, Histology And Gene Expression In Kidney Transplant Patients With Chronic Active Antibody-mediated Rejection. Oral Presentation; 2019 American Transplant Congress. Boston, MA, U.S.A.
06/2019

Khan, A; Bhati, C; Sharma, A ; Reichman, T; Kumar, D; Kamal, L; Cotterell, A; Levy, M. Complete Robotic Donor Nephrectomy: Single Center Experience. Oral Presentation; 19th Annual State of the Art Winter Symposium of the American-Society-of-Transplant-Surgeons (ASTS), Miami, FL
01/2019

I. Moinuddin, J. Yu, L. Kang, C. Bhati, D. Bandyopadhyay, A. King, **D. Kumar**, L. Kamal, D. Tang, I. Yakubu, G. Gupta. Comparing Outcomes between Induction Immunosuppressive Therapies in Simultaneous Heart/Kidney Transplantation. Oral Presentation; 2018 American Transplant Congress. Seattle, WA.
06/2018

Dhiren Kumar, Gaurav Gupta, Jeff Reeve, Pooja Sanghi, Sindhura Bobba, Marlon Levy, Chandra Bhati, Pamela Kimball, Hasan Fattah, Anne King, Hugh Massey and Philip Halloran. Belatacept for Chronic Antibody-Mediated Rejection in Kidney Transplantation. Oral Presentation; 2017 American Transplant Congress. Chicago, IL, U.S.A.
04/2017

Pooja Sanghi, Gaurav Gupta, **Dhiren Kumar**, Jeff Reeve, Marlon Levy, Amit Sharma, Hasan Fattah, Pamela Kimball, Hugh D Massey, Anne L King, Philip Halloran. Belatacept for Chronic Antibody-Mediated Rejection in Kidney Transplantation. Oral Presentation; 2017 American Transplant Congress. Chicago, IL, U.S.A.
04/2017

Gaurav Gupta, Siddhartha S. Ghosh, Todd W. Gehr, Irfan Ahmed Moinuddin, **Dhiren Kumar**, Anne L. King, Pam Kimball. Angiotensin Receptor Antibodies Are Associated with Hypertension and Proteinuria in the setting of Ischemia-Reperfusion Injury. Oral Presentation to the American Society of Nephrology Meeting, Chicago 2016

11/2016

International

Dhiren Kumar, Anil Regmi, Hasan Fattah, Hitarth Dave, Justin Joseph, Pamela Kimball, Amit Sharma, Chandra S. Bhati, Hugh D. Massey, Anne L. King, Gaurav Gupta. Patterns of improvement in kidney function among patients converted to belatacept from calcineurin inhibitors for kidney allograft dysfunction. Oral presentation at the 26th International Congress of The Transplantation Society 2016, Hong Kong.

08/2016

Gaurav Gupta, Salima Sadruddin, **Dhiren Kumar**, Pamela Kimball, Anne King, Layal Rahman, Rivka Ayalon, Laurence Beck. Presence and Strength of anti-Phospholipase A2 Receptor Antibodies Predict Recurrence of Membranous Nephropathy after Kidney Transplantation. Oral presentation at the World Transplant Congress 2014, San Francisco, USA

07/2014

Posters or Other Unsolicited Presentations

Internal/VCU

Frough Safavi, Dhiren Kumar¹, Philip Halloran², Idris Yakubu¹, Marlon Levy¹, Irfan Moinuddin, Pamela Kimball¹, Layla Kamal¹, Anne King¹, Hugh Massey¹, and Gaurav Gupta¹. Lack of Response to Tocilizumab in Kidney Transplants with Chronic Antibody-Mediated Rejection. Presented at VCU Student Research Day 2019.

04/2019

G. Gupta, S. Bobba, D. Contaifer, P. Kimball, A. King, **D. Kumar**, M. Levy, J. Stern, D. Wijesinghe. A Pre-Transplant Blood-Based Lipid Signature for Prediction of Antibody-Mediated Rejection in Kidney Transplant Patients. Poster Presentation; 2018 American Transplant Congress. Seattle, WA.

2018

P. Sanghi, G. Gupta, **D. Kumar**, J. Reeve, M. Levy, A. Sharma, C.S. Bhati, A. Cotterell, H. Fattah, H.D. Massey, A.L. King and P.F. Halloran. Impact of Belatacept Conversion on Kidney Transplant Function, Histology and Gene Expression. Presented at VCU Research Day 2017.

2017

Hitarth Dave, Luke Wolfe, Hasan Fattah, **Dhiren Kumar**, Anne L King, Marlon Levy, Adrian Cotterell, Amit Sharma, Chandra S Bhati, and Gaurav Gupta. Induction with T-cell Depletional Agents is Safe and Efficacious In the Very Elderly Kidney Transplant Recipients: An Analysis of the OPTN Database. Presented at VCU Research Day 2016. Best Oral Presentation

2016

Anil Regmi, **Dhiren Kumar**, Hasan Fattah, Anne L. King, Pamela Kimball, Ankur Atal

Gupta and Gaurav Gupta. Safe Conversion from Tacrolimus to Belatacept in Kidney Transplant Recipients with Allograft Dysfunction. Presented at VCU Research Day 2015. 2015

Hasan Fattah, Gaurav Gupta, **Dhiren Kumar**, Luis F. Quintana, Anne L. King, Rivka Ayalon, Laurence H. Beck. Pre-transplant Phospholipase A2 Receptor Autoantibody Concentration Is Associated with Recurrence of Membranous Nephropathy Post-Kidney Transplantation. Presented at VCU Research Day 2015. 2015

Ashley J. Limkemann, Rajesh Ramanathan, Mili Jay Shah, Martha Behnke, Marc P Posner, Adrian Cotterell, Amit Sharma, **Dhiren Kumar**, Anne L. King, Gaurav Gupta. Long-term Outcomes of Kidney Transplants and Risk of Infection Transmission from High-Infectious Risk Donors. Presented at VCU Research Day 2015. 2015

National

D. Kumar, F. Safavi, R. Sandhu, P. Halloran, I. Yakubu, M. Levy, I. Moinuddin, P. Kimball, L. Kamal, A. King, H. Massey, G. Gupta. Lack Of Response To Tocilizumab In Kidney Transplants With Chronic Antibody-mediated Rejection. Poster presentation at the American Transplant Congress 2019, Boston, MA. 06/2019

Caitlin Winkler, MSN, RN; Kyle Asay; Pallavi Yadav, MHA, CQPA; Angele Lacks, BSN, RN, CCTC; William Maixner, MHA, FACHE; Marlon F. Levy, MD, FACS; **Dhiren Kumar, MD**. Process Improvement: Intake Coordinator Reduces Kidney Transplant Referral to Evaluation and Listing Times. 27th Annual UNOS Transplant Management Forum, Orlando, FL 05/2019

Hitarth Dave, Luke Wolfe, Hasan Fattah, **Dhiren Kumar**, Anne L King, Marlon Levy, Adrian Cotterell, Amit Sharma, Chandra S Bhati, and Gaurav Gupta. Induction with T-cell Depletional Agents is Safe and Efficacious In the Very Elderly Kidney Transplant Recipients: An Analysis of the OPTN Database. Accepted for the American Transplant Congress 2016, Boston, MA 06/2016

Hasan Fattah, Le Kang, Hitarth Dave, **Dhiren Kumar**, Anne L. King, Chandra Bhati, Amit Sharma, and Gaurav Gupta. Outcomes in Hepatitis C Virus Positive Donors to Hepatitis C Virus Negative Kidney Recipients: Analysis of National Data. Presented at the American Transplant Congress 2016, Boston, MA 06/2016

Anil Regmi, **Dhiren Kumar**, Hasan Fattah, Anne L. King, Pamela Kimball, Ankur Atal Gupta and Gaurav Gupta. Safe Conversion from Tacrolimus to Belatacept in Kidney Transplant Recipients with Allograft Dysfunction. Presented at the American Society of Nephrology Meeting 2015, San Diego, CA 11/2015

Hasan Fattah, Gaurav Gupta, **Dhiren Kumar**, Luis F. Quintana, Anne L. King, Rivka Ayalon, Laurence H. Beck. Pre-transplant Phospholipase A2 Receptor Autoantibody Concentration Is Associated with Recurrence of Membranous Nephropathy Post-Kidney Transplantation. Presented at the American Society of Nephrology Meeting 2015, San Diego, CA
11/2015

A. Regmi, **Dhiren Kumar**, Omer Ali, Hasan Fattah, Anne L King, Gaurav Gupta. Recurrent Urinary Tract Infections in Kidney Transplant Recipients: Risk Factors, Microbiologic and Antibiotics Resistance Pattern. Poster presentation at the American Transplant Congress 2015, Philadelphia, PA
05/2015

A.J. Limkemmann, R. Ramanathan, M. Behnke, M.P. Posner, A. Cotterell, A. Sharma, C. Bhati, **D. Kumar**, A.L. King, G. Gupta. Inferior Outcomes in Hepatitis C Virus Positive Donors to Hepatitis C Virus Negative Kidney Recipients: Analysis of National Data. Poster presentation at the American Society of Transplant Surgeons Symposium 2015
2015

Ashley J. Limkemmann, Rajesh Ramanathan, Mili Jay Shah, Martha Behnke, Marc P Posner, Adrian Cotterell, Amit Sharma, **Dhiren Kumar**, Anne L. King, Gaurav Gupta. Long-term Outcomes of Kidney Transplants and Risk of Infection Transmission from High-Infectious Risk Donors. Poster presentation at the American Society of Transplant Surgeons Symposium 2015
2015

Layal Abdel Rahman, Pamela Kimball, Anne King, Amit Sharma, Adrian Cotterell, **Dhiren Kumar**, Muhammad R. Qureshi, Felecia McDougan, and Gaurav Gupta. Intravenous Immunoglobulin and Rituximab Based Desensitization Is Ineffective for Highly Sensitized Patients. Poster presentation at the American Society of Nephrology Meeting 2014, Philadelphia, PA
11/2014

Dhiren Kumar, Gaurav Gupta, Felicia McDougan, Adrian Cotterell, Amit Sharma, Anne L King, Pamela Kimball. Anti-Angiotensin Receptor Type I Antibody: Role In Antibody Mediated Rejection And Response To Plasmapheresis. Poster presentation at the American Society of Nephrology Meeting 2014, Philadelphia, PA
11/2014

Gaurav Gupta, Salima Sadruddin, **Dhiren Kumar**, Pamela Kimball, Anne King, Layal Rahman, Rivka Ayalon, Laurence Beck. Presence and Strength of anti-Phospholipase A2 Receptor Antibodies Predict Recurrence of Membranous Nephropathy after Kidney Transplantation. Oral presentation at the World Transplant Congress 2014, San Francisco, CA
07/2014

Gaurav Gupta, **Dhiren Kumar**, Adrian Cotterell, Amit Sharma, Marc Posner, Qing Ren, Stacey Posner, Anne King, Improvement in Renal Function in High Immunologic Risk Kidney Transplant Recipients switched from Tacrolimus to Belatacept. Poster

presentation at the World Transplant Congress 2014, San Francisco, CA
07/2014

Dhiren Kumar, Gaurav Gupta, Felecia McDougan, Marc P Posner, Adrian Cotterell, Amit Sharma, Davis Massey, Jenni Anderson, Anne L King, Pamela Kimball. Angiotensin II Type I Receptor Antibody: Biopsy Characteristics At The Time Of Antibody Mediated Rejection And Graft Survival. Poster presentation at the World Transplant Congress 2014, San Francisco, CA
07/2014

Muhammad R Qureshi, Gaurav Gupta, Layal A Rahman, Marc P Posner, Amit Sharma, Martha Behnke, Stacey Posner, **Dhiren Kumar**, Anne L King. Minor Variations in Induction Rabbit Anti-thymocyte Globulin Dosing Are Not Associated with an Increased Risk of Infections or Rejection. Poster presentation at the the World Transplant Congress 2014, San Francisco, CA
07/2014

Amit Sharma, Rajesh Ramanathan, Martha Behnke, Adrian Cotterell, Gaurav Gupta, **Dhiren Kumar**, Anne King, Robert Fisher and Marc Posner. Kidney Re-Transplantation versus Continued Dialysis in Patients with Primary Graft Failure. Poster presentation at the World Transplant Congress, 2014, San Francisco, CA
07/2014

Amit Sharma, Adrian Cotterell, Martha Behnke, Anne King, Gaurav Gupta, **Dhiren Kumar**, Robert Fisher and Marc Posner. Pediatric En bloc Kidney Transplantation: Comparable Outcomes to Standard Criteria Deceased and Living Donor Kidney Transplantation in Adult Recipients. Poster presentation at the World Transplant Congress, 2014, San Francisco, CA
07/2014

Gaurav Gupta, Mili Jay Shah, Martha Behnke, Marc P Posner, Robert Fisher, Adrian Cotterell, Amit Sharma, **Dhiren Kumar**, Qing Ren, Anne L. King. Long term Outcomes of Kidney Transplants and Risk of Infection Transmission from High-Infectious Risk Donors. Poster presentation at American Society of Nephrology Meeting 2013, Atlanta, GA
11/2013

Dhiren Kumar, MD, Anne L King, MD, Martha Behnke, Marc Posner, Gaurav Gupta. Perioperative Blood Pressure and Kidney Transplant Outcomes. Presented at National Kidney Foundation Meeting 2013, Orlando, FL
04/2013

Dhiren Kumar, MD, Imran Fatani, MD, Mohammed Quader, MD, Keyur Shah, MD. Hemodialysis Safety Analysis in Patients with Continuous Flow Left Ventricular Assist Device. Presented at National Kidney Foundation Meeting 2013, Orlando, FL
04/2013

Muhammad Saim, MD, **Dhiren Kumar**, MD, Martha Behnke, Anne L. King, MD. List Paired Exchange Reduces Waiting Times for Kidney Transplantation. Poster

presentation at the American Society of Nephrology Meeting 2012, San Diego, CA
10/2012

Dhiren Kumar, MD, Anne L. King MD, Amit Sharma MD, Qing Ren MD, Martha Behnke, Pamela Kimball PhD, Todd W. Gehr MD. Pre-emptive Plasmapheresis and CMVig Improves Survival in Highly Sensitized Renal Transplant Recipients. Poster presentation at the American Society of Nephrology Meeting 2012, San Diego, CA
10/2012

Teaching Experience

Didactic and Clinical

Lecturer, General Principles of Kidney Transplantation, M2 Lecture, Virginia Commonwealth University School of Medicine, Richmond, VA
2017 - Present

Attending Physician, Transplant Nephrology Clinic and Inpatient Consults, Virginia Commonwealth University, Richmond, VA
07/2013 - Present

Stanford Faculty Development Framework for Clinical Teaching, VCU Health Faculty Development for the Clinical Educator
04/2017

Attending Physician, Inpatient Internal Medicine Resident Teams (Four weeks every year)
2013 - 2014

Service Activities

Clinical Service

Outpatient Activities

Pre Kidney Transplant Clinic, Stony Point, Virginia Commonwealth University Health System, Richmond, VA
07/2017 - Present

Department of Corrections Kidney Transplant Telemedicine Clinic, Virginia Commonwealth University Health System, Richmond, VA
07/2014 - Present

Outpatient Pre- and Post-Kidney Transplant Clinic, Virginia Commonwealth University Health System, Richmond, VA
07/2013 - Present

Inpatient and Outpatient Kidney Biopsies, Virginia Commonwealth University Health System, Richmond, VA
07/2013 - Present

Inpatient Activities

Inpatient Kidney Transplant Consult Service, Virginia Commonwealth University Health System, Richmond, VA
07/2013 - Present

Miscellaneous Activities

Medication Safety Committee; Work Group on Medication Dosing Errors Related to Renal Insufficiency
01/2019 - Present (in progress)

Development and Supervision: Kidney Transplant Wait list Top 20 Project:
Development of the Algorithm and Protocol to monitor the top 20 patients on the kidney transplant waiting list who are most likely to get a kidney transplant in the near future.
2018 - Present (in progress)

Patient Tracking System for Pre Kidney Transplant Coordinators
2017 - Present (in progress)

Standardization of the Post kidney biopsy patient observation Protocol and development of common powerplan between nephrology, transplant nephrology and interventional radiology.
2018 - Present

Living Donor Followup Project: PDSA project to improve living donor followup rates after kidney donation
12/2017 - Present

Pre Kidney Transplant Intake Coordinator Job Description, Roles and Guidelines
2016 - Present

Interface with IT to constantly update and upgrade transplant clinic and inpatient powerplans
07/2013 - Present

Eculizumab protocol for kidney transplant recipients with atypical hemolytic uremic syndrome
2013 - Present

Development of the Kidney Transplant Telemedicine Clinic
2018

Service to the Profession

Member: Medical Review Board, Quality Insights Region 5

Quality Insights Renal Network 5 is a nonprofit corporation which serves as the federal contractor for the Network 5 region, which encompasses Maryland, Virginia, West Virginia, and the District of Columbia. 19-member Medical Review Board (MRB) directs Quality Insights Renal Network 5's quality measurement, monitoring, and

management initiatives. The MRB identifies Network-wide and facility-specific opportunities for improvement through routine monitoring of data profiles and pattern analysis.

04/2019 - Present

Service to the Community

Volunteer: Free Clinic of Powhatan: Physician: The mission of the Free Clinic of Powhatan is to provide high quality health care services at no cost to Powhatan County's adult (19-64 years old) uninsured or underinsured, low-income residents. The vision of the Free Clinic of Powhatan is to improve the health of our patients.

03/2019 - Present

Quarterly Living Donor Question and Answer Session: Physician champion; This information session is an opportunity for potential kidney recipients, donors, their social support, dialysis unit representatives and clinicians to have their questions answered about the living donation process from the initial evaluation to the surgery itself and then the post-transplant or donation recovery.

05/2017 - Present

Service to the University

Transplant Nephrology Fellowship Director, Division of Nephrology

07/2018 - Present

Chairperson, Fellows Clinical Competency Committee, Division of Nephrology

07/2014 - Present

Service to the School of Medicine

Member, Transplant Executive Steering Committee

07/2015 - Present

Chair Person, Kidney Transplant Quality Assurance and Performance Improvement Committee

07/2015 - Present

Publications

Papers Published in Peer Reviewed Journals

1. Kamal L, Yu JW, Reichman TW, Kang L, Bandyopadhyay D, **Kumar D**, King A, Gautam U, Bhati C, Yakubu I, Lacy K, Levy M, Gupta G. Impact of Induction Immunosuppression strategies in Simultaneous Liver Kidney Transplantation. Transplantation. 2019 Apr 22. PMID: [31022149](#)

2. **Kumar D**, Yakubu I, Cooke RH, Halloran PF, Gupta G. Belatacept rescue for delayed kidney allograft function in a patient with previous combined heart-liver transplant. Am J Transplant. 2018 Jul 7. PMID: [29981184](#)

3. Yadav K, Cotterell A, Kimball P, Warmke L, Contos M, Gupta G, King A, **Kumar D**,

Kumar, Dhiren

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Levy M. Antibody mediated rejection due to de-novo DSA causing venous thrombosis of pancreas allograft - A case report. *Transpl Immunol.* 2018 Apr; 47:22-25. PMID: [29317301](#)

4. Fattah H, **Kumar D**, George JN, Massey HD, King AL, Friedman KD, Gupta G. Successful kidney transplantation in a patient with congenital thrombotic thrombocytopenic purpura (Upshaw-Schulman syndrome). *Transfusion.* 2017 Dec; 57(12):3058-3062. PMID: [28940540](#)

5. Gupta G, Kang L, Yu JW, Limkemann AJ, Garcia V, Bandyopadhyay D, **Kumar D**, Fattah H, Levy M, Cotterell AH, Sharma A, Bhati C, Reichman T, King AL, Sterling R. Long-term outcomes and transmission rates in hepatitis C virus-positive donor to hepatitis C virus-negative kidney transplant recipients: Analysis of United States National Data. *Clin Transplant.* 2017 Oct; 31(10). PMID: [28712111](#)

6. Mishra S, Gupta G, Moinuddin I, Strife B, Prasad U, Massey D, King A, **Kumar D**, Bhati CS. Prolonged Delayed Renal Graft Function Secondary to Venous Hypertension. *Transplant Direct.* 2017 Oct; 3(10):e214. PMID: [29026877](#)

7. Limkemann AJ, Wolfe L, Sharma A, King AL, Behnke M, Shah MJ, Posner MP, Cotterell AH, Bhati CS, Gupta A, **Kumar D**, Gupta G. Outcomes of kidney transplants and risk of infection transmission from increased infectious risk donors. *Clin Transplant.* 2016 Aug; 30(8):886-93. PMID: [27146714](#)

8. Sharma A, King A, **Kumar D**, Behnke M, McDougan F, Kimball PM. Perioperative Desensitization Improves Outcomes Among Crossmatch Positive Recipients of Deceased Donor Renal Transplants. *Prog Transplant.* 2016 Jun; 26(2):157-61. PMID: [27207404](#)

9. Gupta G, Fattah H, Ayalon R, Kidd J, Gehr T, Quintana LF, Kimball P, Sadruddin S, Massey HD, **Kumar D**, King AL, Beck LH Jr. Pre-transplant phospholipase A2 receptor autoantibody concentration is associated with clinically significant recurrence of membranous nephropathy post-kidney transplantation. *Clin Transplant.* 2016 Apr; 30(4):461-9. PMID: [26854647](#)

10. **Kumar D**, Fattah H, Kimball PM, LeCorchick S, McDougan FA, King AL, Gupta G. Post-transplant Desensitization for Deceased Donor Kidney Transplant Recipients: A Single Center Experience. *Clin Transpl.* 2016; 32:143-151. PMID: [28564532](#)

11. Quader MA, **Kumar D**, Shah KB, Fatani YI, Katlaps G, Kasirajan V. Safety analysis of intermittent hemodialysis in patients with continuous flow left ventricular assist devices. *Hemodial Int.* 2014 Jan; 18(1):205-9. PMID: [23901838](#)

Corporate Authorship or Multicenter Trials

1. Site Principal Investigator: A Phase III, Randomized, Double-Blind, Active Comparator-Controlled Study to Evaluate the Efficacy and Safety of MK-8228 (Letemovir) Versus Valganciclovir for the Prevention of Human Cytomegalovirus (CMV) Disease in Adult Kidney Transplant Recipients (in progress)

2. Site Principal Investigator: Angion Biomedica A Multicenter, Prospective, Double-

Blind, Randomized, Placebo-Controlled, Phase 3 Study of BB3 to Reduce the Severity of Delayed Graft Function in Recipients of a Deceased Donor Kidney (in progress)

3. Site Principal Investigator: Evaluation of Patient Outcomes From the Kidney Allograft Outcomes AlloSure Registry (KOAR) (in progress)

4. Site Co-Investigator: Shire Viropharma A randomized double-blind placebo-controlled study to evaluate the efficacy and safety of CINRYZE (C1 esterase inhibitor [human]) for the treatment of acute antibody-mediated rejection in kidney transplant patients (in progress)

5. Alexion Single Arm Study of ALXN1210 in Complement Inhibitor Treatment-Naïve Adult and Adolescent Patients With Atypical Hemolytic Uremic Syndrome (aHUS)

Editorials, Reviews, Commentaries, Proceedings, Invited Published Papers in Peer Reviewed Journals

1. Sanghi P, Gupta G, Massey HD, **Kumar D**. Fever in a Kidney Transplant Recipient. Am J Transplant. 2017 Jun; 17(6):1688-1690. PMID: [28544281](#)

2. **Kumar D**, LeCorchick S, Gupta G. Belatacept As an Alternative to Calcineurin Inhibitors in Patients with SolidOrgan Transplants. Front Med (Lausanne). 2017; 4:60. PMID: [28580358](#)

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