Editorials

1657 Clinical Decision Support Tools for Reduced and Changing Kidney Function
Diana J. Schreier and Erin F. Barreto
See related article on page 1730.

1660 Association of Pre-Transplant C-Peptide with Post-Transplant Diabetes: A New Approach to Identifying High-Risk Patients?
Emily Joachim
See related article on page 1738.

1662 The Transplant Kidney Biopsy: In Whose Hands?
Sarthak Virmani and Abhishek Kumar
See related article on page 1746.

Debates in Nephrology

1664 Kidney Biopsy Should Remain a Required Procedure for Nephrology Training Programs: PRO
Zainab Obaidi and Stephen M. Sozio
See related debate on page 1667 and commentary on page 1670.

1667 Kidney Biopsy Should Remain a Required Procedure for Nephrology Training Programs: CON
Roger A. Rodby
See related debate on page 1664 and commentary on page 1670.

Moderator Commentary

1670 Kidney Biopsy Should Remain a Required Procedure for Nephrology Training Programs: COMMENTARY
Ursula C. Brewster
See related debates on page 1664 and 1667.

Original Investigations

Acute Kidney Injury and ICU Nephrology

1672 Prominent Mitochondrial Injury as an Early Event in Heme Protein-Induced Acute Kidney Injury
Raman Deep Singh, Anthony J. Croatt, Allan W. Ackerman, Joseph P. Grande, Eugenia Trushina, Jeffrey L. Salisbury, Trace A. Christensen, Christopher M. Adams, Tamara Tchkonia, James L. Kirkland, and Karl A. Nath

Chronic Kidney Disease

1683 Correction of Vascular Calcification and Hyperphosphatemia in CKD Rats Treated with ASARM Peptide
Peter S. Rowe, Ellen M. McCarthy, Alan L. Yu, and Jason R. Stubbs

1699 A Nomogram to Identify Hyperkalemia Risk in Patients with Advanced CKD
Cheng Xue, Chenchen Zhou, Bo Yang, Xiaofei Ye, Jing Xu, Yunhui Lu, Xiaohua Hu, Jia Chen, Xiaoling Luo, Liming Zhang, Changlin Mei, and Zhiguo Mao
Diabetes and the Kidney

1710 Enhanced SHP-1 Expression in Podocyturia Is Associated with Kidney Dysfunction in Patients with Diabetes
Farah Lizotte, Stéphanie Robillard, Nicolas Lavoie, Marina Rousseau, Benoît Denhez, Julie Moreau, Sarah Higgins, Robert Sabbagh, Anne-Marie Côté, and Pedro Geraldes

Geriatric and Palliative Nephrology

1720 A Pilot Randomized Controlled Trial of Integrated Palliative Care and Nephrology Care
Jennifer S. Scherer, Megan E. Rau, Anna Krieger, Yuhe Xia, Hua Zhong, Abraham Brody, David M. Charytan, and Joshua Chodosh

Nephro pharmacology

1730 In-Hospital Prescription Checking System for Hospitalized Patients with Decreased Glomerular Filtration Rate
Akihiro Sonoda, Yuki Kondo, Yoshitaka Iwashita, Shoji Nakao, Kazuhisa Ishida, Tetsumi Irie, and Yoichi Ishitsuka
See related editorial on page 1657.

Transplantation

1738 The Association of Pre-Transplant C-Peptide Level with the Development of Post-Transplant Diabetes: A Cohort Study
Amanda J. Vinson, Aran Thanamayooran, Bryce A. Kiberd, Kenneth West, Ferhan S. Siddiqi, Lakshman Gunaratnam, and Karthik K. Tennankore
See related editorial on page 1660.

1746 Percutaneous Ultrasound-Guided Kidney Transplant Biopsy Outcomes: From the Nephrologist to the Radiologist Standpoint
Adela D. Mattiazzi, Camilo A. Cortesi, Rhea J. Patil, Karla G. Carias Martinez, Mai Sedki, Franco H. Cabeza Rivera, Phillip Ruiz, Jason T. Salsamendi, and Ciselle Guerra
See related editorial on page 1662.

1754 International Practices on COVID-19 Vaccine Mandates for Transplant Candidates
Yasar Caliskan, Benjamin E. Hippen, David A. Axelrod, Mark Schnitzler, Kennan Maher, Tarek Alhamad, Ngan N. Lam, Siddiq Anwar, Vivek Kute, and Krista L. Lentine

Brief Communications

Chronic Kidney Disease

1763 Innate Immunity and SARS-CoV-2 Vaccine Response in Hemodialysis Patients
Nicolas Valentini, Lorie Marchitto, Maxime Raymond, Guillaume Coyette, Daniel E. Kaufmann, Andrés Finzi, Rita S. Suri, and Caroline Lamarche

Dialysis

1769 Apixaban versus No Anticoagulation by P2Y12 Inhibitor Prescription Status in Dialysis Patients with Atrial Fibrillation
Thomas A. Mavrakanas and David M. Charytan

Global Perspective

1772 Global Perspective on Kidney Transplantation: Ecuador
Darío Jiménez and Fernando Jiménez

Patient Perspective

1775 When a Kidney Doctor Becomes a Kidney Donor
Arjang Djamali
Perspectives

1777 Peritoneal Dialysis Adequacy: Too Much of a Good Thing?
Kristen Tillquist, Stephanie Floyd, and Ankur D. Shah

1780 Biomarkers for Early Diagnosis of AKI: Could It Backfire?
Rolando Claure-Del Granado, Etienne Macedo, and Jonathan S. Chávez-Íñiguez

Basic Science for Clinicians

1785 The Role of Different Lymphoid Cell Populations in Preeclampsia Pathophysiology
Nathan E. Campbell, Evangeline M. Deer, Owen T. Herrock, and Babbette B. LaMarca

Review Articles

1795 How to Determine Fluid Management Goals during Continuous Kidney Replacement Therapy in Patients with AKI: Focus on POCUS
William Beaubien-Souligny, Terren Trott, and Javier A. Neyra

1807 Advantages, Limitations, and Clinical Considerations in Using Cystatin C to Estimate GFR
Debbie C. Chen, O. Alison Potok, Dena Rifkin, and Michelle M. Estrella

Clinical Images in Nephrology and Dialysis

1815 AKI in a Patient with Myelodysplastic Syndrome and Dark Urine
Shinsuke Isobe, Naro Ohashi, and Hideo Yasuda

1817 ESKD in a Young Patient with Chronic Bilateral Flank Pain
Asad A. Merchant and Rose Mary Attieh

On the Cover
Abdominal radiograph demonstrates bilateral medullary nephrocalcinosis. Figure 1A from “ESKD in a Young Patient with Chronic Bilateral Flank Pain” by Asad A. Merchant and Rose Mary Attieh. Kidney360 3: 1815–1816, 2022. DOI: 10.34067/KID.0002902022.