

Kidney360

April 2021 • Vol. 2 • No. 4

Editorial

604 Dialysis Care around the World: A Global Perspectives Series

Timmy Lee, Jennifer E. Flythe and Michael Allon

608 Functional Status in CKD: What Measures to Use?

Sarah J. Schrauben and Alex R. Chang

See related article on page 629.

Original Investigation

Acute Kidney Injury and ICU Nephrology

611 AKI in COVID-19–Associated Multisystem Inflammatory Syndrome in Children (MIS-C)

Marissa Lipton, Ruchi Mahajan, Catherine Kavanagh, Carol Shen, Ibrahim Batal, Samriti Dogra, Namrata G. Jain, Fangming Lin, and Natalie S. Uy

619 AKI in Hospitalized Patients with COVID-19 and Seasonal Influenza: A Comparative Analysis

Bhavna Bhasin, Vineet Veitla, April Z. Dawson, Zhuping Garacci, Daniel Sturgill, Mukoso N. Ozieh and Kevin R. Regner

Chronic Kidney Disease

629 Associations of Performance-Based Functional Assessments and Adverse Outcomes in CKD

Mitchell D. Belkin, Rebecca M. Doerfler, Lee-Ann Wagner, Min Zhan and Jeffrey C. Fink

See related editorial, on page 608.

Clinical Nephrology

639 COVID-19–Associated Nephropathy Includes Tubular Necrosis and Capillary Congestion, with Evidence of SARS-CoV-2 in the Nephron

Antoine Bouquegneau, Pauline Erpicum, Stéphanie Grosch, Lionel Habran, Olivier Hougrand, Justine Huart, Jean-Marie Krzesinski, Benoît Misset, Marie-Pierre Hayette, Philippe Delvenne, Christophe Bovy, Dominik Kyles, Tobias B. Huber, Victor G. Puellas, Pierre Delanaye and Francois Joret

Diabetes and the Kidney

653 Opportunities To Improve Diabetes Care in the Hemodialysis Unit: A Cohort Study in Ontario, Canada

Kristin K. Clemens, Alexandra M. Ouédraogo, Amit X. Garg, Samuel A. Silver and Danielle M. Nash

Dialysis

666 Citric Acid-Containing Dialysate and Survival Rate in the Dialysis Outcomes and Practice Patterns Study

Pablo Ureña-Torres, Brian Bieber, Fitsum Guebre-Egziabher, Rim Ossman, Michel Jadoul, Masaaki Inaba, Bruce M. Robinson, Friedrich Port, Christian Jacquelinet and Christian Combe

674 Center-Effect of Incident Hemodialysis Vascular Access Use: Analysis of a Bi-national Registry

Samantha Ng, Elaine M. Pascoe, David W. Johnson, Carmel M. Hawley, Kevan R. Polkinghorne, Stephen McDonald, Philip A. Clayton, Kannaiyan S. Rabindranath, Matthew A. Roberts, Ashley B. Irish and Andrea K. Viecelli

684 Implementation of an Electronic Catheter Checklist in Outpatient Hemodialysis Facilities: Results of a Pilot Quality Improvement Project

Michele H. Mokrzycki, Kerry A. Leigh, Alan S. Kliger, Vandana Dua Niyar, Virginia Bren Asp, Ladan Golestaneh, Quinetta Taylor and Shannon A. Novosad

695 Electrolyte Changes in Contemporary Hemodialysis: A Secondary Analysis of the Monitoring in Dialysis Study

Simon Correa, Katherine Mikovna Scovner, James A. Tumlin, Prabir Roy-Chaudhury, Bruce A. Koplan, Alexandru I. Costea, Vijay Kher, Don Williamson, Saurabh Pokhariyal, Candace K. McClure, Finnian R. Mc Causland and David M. Charytan on behalf of the MiD Investigators and Committees

708 Targeting Patient and Health System Barriers To Improve Rates of Hemodialysis Initiation with an Arteriovenous Access

Jennifer E. Flythe, Julia H. Narendra, Christina Yule, Surya Manivannan, Shannon Murphy, Shouu-Yih D. Lee, Tara S. Strigo, Sarah Peskoe, Jane F. Pendergast, L. Ebony Boulware and Jamie A. Green

Glomerular and Tubulointerstitial Diseases

721 Clinical Spectrum and Renal Outcome of Cryoglobulinemia in Hong Kong

Winston Wing-Shing Fung, Terry Cheuk-Fung Yip, Vincent Wai-Sun Wong, Kai-Ming Chow, Grace Lai-Hung Wong and Cheuk-Chun Szeto

Transplantation

729 Dynamic Response of Donor-Derived Cell-Free DNA Following Treatment of Acute Rejection in Kidney Allografts

Theresa K. Wolf-Doty, Roslyn B. Mannon, Emilio D. Poggio, Randall J. Hinojosa, David Hiller, Jonathan S. Bromberg and Daniel C. Brennan

Clinical Research Methods

737 Qualitative Research in Nephrology: An Introduction to Methods and Critical Appraisal

Noa Amir, Hugh J. McCarthy, and Allison Tong

Perspective

742 Real-Life Prescribing of SGLT2 Inhibitors: How to Handle the Other Medications, Including Glucose-Lowering Drugs and Diuretics

David Lam and Aisha Shaikh

747 Equity Is Key to Build Back Better after COVID-19: Prioritize Noncommunicable Diseases and Kidney Health

Valerie Ann Luyckx

751 Lower Urinary Tract Symptoms Should Be Queried When Initiating Sodium Glucose Co-Transporter 2 Inhibitors

Nicolas Krepostman and Holly Kramer

Basic Science for Clinicians

755 Podocyte Lipotoxicity in CKD

Jin-Ju Kim, Sydney S. Wilbon and Alessia Fornoni

Review Article

763 Treatment Updates in Antineutrophil Cytoplasmic Autoantibodies (ANCA) Vasculitis

Koyal Jain, Pankaj Jawa, Vimal K. Derebail and Ronald J. Falk

Clinical Images in Nephrology and Dialysis

771 AKI, Anemia, and Thrombocytopenia in a Patient with Leg and Flank Pain

Jesús Iván Lara Prado and Fabiola Pazos Pérez

773 Acute Dyspnea in a Young Woman Following Percutaneous Nephrostomy Tube Placement

Ei Khin Ittay Moreno and Indu Pathak

On the Cover

Lipid accumulation in Alport podocytes from the mouse model of the Alport syndrome (AS). Representative images of BODIPY staining demonstrate increased lipid accumulation in cultured immortalized Alport podocytes from the Col4A3KO mice, a mouse model for AS. Adapted from figure 1 in "Podocyte Lipotoxicity in Chronic Kidney Disease" by Jin-Ju Kim, Sydney S. Wilbon, Alessia Fornoni. *KIDNEY360* 2: 755–762, 2021. doi: 10.34067/KID.0006152020. This figure is derived from research funded by the Alport Syndrome Foundation.