Patient Perspective

432 COVID-19 Perspective from a Hemodialysis Patient

Michael Allon

Editorial

433 Use of Gadolinium-Based Contrast Agents in Patients with Severe Renal Impairment. Absence of Risk Versus Caution: A Nephrologist’s Perspective

Michael R. Rudnick, Ihab M. Wahba, and Amanda K. Leonberg-Yoo

See related article on page 561

Original Investigations

Chronic Kidney Disease

436 Depression and the Effect of Sertraline on Inflammatory Biomarkers in Patients with Nondialysis CKD

L. Parker Gregg, Thomas Carmody, Dustin Le, Nina Bharadwaj, Madhukar H. Trivedi, and S. Susan Hedayati

447 Mannose Binding Lectin Is Hydroxylated by Collagen Prolyl-4-hydroxylase and Inhibited by Some PHD Inhibitors

Vijesh J. Bhute, James Harte, Jack W. Houghton, and Patrick H. Maxwell

458 US Trends in Prevalence of Sleep Problems and Associations with Chronic Kidney Disease and Mortality

Monica Shieu, Hal Morgenstern, Jennifer Bragg-Gresham, Brenda W. Gillespie, Q. Afifa Shamim-Uzzaman, Delphine Tuot, Sharon Saydah, Deborah Rolka, Nilka Rios Burrows, Neil R. Powe, and Rajiv Saran, on behalf of the Centers for Disease Control and Prevention Chronic Kidney Disease Surveillance Team

Diabetes and the Kidney

469 Automated Image Analyses of Glomerular Hypertrophy in a Mouse Model of Diabetic Nephropathy

Mette V. Østergaard, Frederikke E. Sembach, Jacob L. Skytte, Urmas Roostalu, Thomas Secher, Agnete Overgaard, Lisbeth N. Fink, Niels Vrang, Jacob Jelsing, and Jacob Hecksher-Sørensen

Glomerular and Tubulointerstitial Diseases

480 Identification of Podocyte Cargo Proteins by Proteomic Analysis of Clathrin-Coated Vesicles

Marwin Groener, Ying Wang, Elizabeth Cross, Xuefei Tian, Karen Ebenezer, Eunice Baik, Christopher Pedigo, Mario Schiffer, Kazunori Inoue, and Shuta Ishibe

491 Renal Manifestations of Common Variable Immunodeficiency

Tiffany N. Caza, Samar I. Hassen, and Christopher P. Larsen

Hemodynamics and Vascular Regulation

501 Vascular Dysfunction, Oxidative Stress, and Inflammation in Chronic Kidney Disease

Kristen L. Nowak, Anna Jovanovich, Heather Farmer-Bailey, Nina Bispham, Taylor Struemph, Mikaela Malaczewski, Wei Wang, and Michel Chonchol

Hypertension

510 Sildenafil Citrate Does Not Reprogram Risk of Hypertension and Chronic Kidney Disease in Offspring of Preeclamptic Pregnancies in the Dahl SS/Jr Rat

Hannah R. Turbeville, Ashley C. Johnson, Michael R. Garrett, and Jennifer M. Sasser
Brief Communications

521 Association between NSAID Exposure and Kidney Function Decline in Primary Care Patients
Amy Barton Pai, Joseph A. Vassalotti, Chester H. Fox, Jennifer K. Carroll, Gerald E. Pulver, L. Miriam Dickinson, and Wilson D. Pace

524 Early Use of Telehealth in Home Dialysis during the COVID-19 Pandemic in New York City
Vesh Srivatana, Frank Liu, Daniel M. Levine, and Sean D. Kalloo

527 Point-of-Care Ultrasound for Native Kidney Biopsies
Jithendranath Palacherla and W. Charles O’Neill

530 Dexamethasone for Preventing Major Adverse Kidney Events following Cardiac Surgery: Post-Hoc Analysis to Identify Subgroups
Hema Venugopal, Kirolos A. Jacob, Jan M. Dieleman, and David E. Leaf, on behalf of the DECS study group

Global Perspectives

534 Global Dialysis Perspective: Mexico
Enzo Vasquez-Jimenez and Magdalena Madero

538 Global Dialysis Perspective: Senegal
Abdou Niang and Ahmed Tall Lemrabott

541 Management of Hemodialysis Patients with Suspected or Confirmed COVID-19 Infection: Perspective of Two Nephrologists in Brazil
Ricardo Sesso and Marcelino de Souza Durão

544 Providing Care to Patients with AKI and COVID-19 Infection: Experience of Front Line Nephrologists in New York
Molly Fisher, Kalyan Prudhvi, Maureen Brogan, and Ladan Golestaneh

Perspectives

549 Dialysis for Undocumented Immigrants: Challenges and Solutions
Joseph R. Berger, Henry Quinones, and Miguel A. Vazquez

553 The Role of Telemedicine in Providing Nephrology Care in Rural Hospitals
Janice P. Lea and Jerome Tannenbaum

557 The Advancing American Kidney Health (AAKH) Executive Order: Promise and Caveats for Expanding Access to Kidney Transplantation
Krista L. Lentine and Roslyn B. Mannon

Basic Science for Clinicians

561 Gadolinium-Based Contrast Agent Use, Their Safety, and Practice Evolution
Catherine Do, Joshua DeAguero, Adrian Brearley, Xochitl Trejo, Tamara Howard, G. Patricia Escobar, and Brent Wagner
See related editorial on page 433

Review Article

569 Setting Up and Expanding a Home Dialysis Program: Is There a Recipe for Success?
Masood Ahmad, Eric L. Wallace, and Gaurav Jain
Clinical Images in Nephrology and Dialysis

580  Refractory Proteinuria in a Patient with Lupus Nephritis
    Yasuhiro Oda, Junichi Hoshino, and Yoshifumi Ubara

582  CT Scan Surprise in a Potential Kidney Donor
    Prince Singh, Andrew Bentall, and Stephen B. Erickson

584  Acute Abdominal Pain in a COVID-19 Patient
    Ryan Mocerino and Neelja Kumar

On the Cover

Quantification of glomeruli number and glomerular volume using light sheet microscopy (LSFM) and 3D image analyses. Volume rendered and color-coded images of 3D reconstruction of representative kidneys from db/+, db/db and UNx db/db mice. Volume color coding ranges from ~30 (blue) to 300 x 1,000 mm³ (red). Adapted from Figure 1 of “Automated image analyses of glomerular hypertrophy in a mouse model of diabetic nephropathy” by Mette V. Østergaard, Frederikke E. Sembach, Jacob L. Skytte, Urmas Roostalu, Thomas Secher, Agnete Overgaard, Lisbeth N. Fink, Niels Vrang, Jacob Jelsing, and Jacob Hecksher-Sørensen. KIDNEY360 1: 469–479, 2020. doi: 10.34067/KID.0001272019.