Editorials

525 Decision Support and CKD: Not There Yet
Andrew S. Narva
See related article on page 565.

527 Patient Education to Reduce Disparities in Renal Transplantation
William S. Asch and Margaret J. Bia
See related article on page 648.

530 Type 2 Diabetes: The Best Transplant Option Is Still Uncertain
David J. Cohen and Lloyd E. Ratner
See related article on page 656.

Original Articles

Acute Kidney Injury / Acute Renal Failure

533 Use of Electronic Results Reporting to Diagnose and Monitor AKI in Hospitalized Patients
Nicholas M. Selby, Lisa Crowley, Richard J. Fluck, Christopher W. McIntyre, John Monaghan, Nigel Lawson, and Nitin V. Kolhe

Chronic Kidney Disease

541 Association of Hyperuricemia with Renal Outcomes, Cardiovascular Disease, and Mortality
Wan-Chun Liu, Chi-Chih Hung, Szu-Chia Chen, Shih-Meng Yeh, Ming-Yen Lin, Yi-Wen Chiu, Mei-Chuan Kuo, Jer-Ming Chang, Shang-Jyh Hwang, and Hung-Chun Chen

549 Hepatitis C Virus Infection and Kidney Disease: A Meta-Analysis
Fabrizio Fabrizi, Paul Martin, Vivek Dixit, and Piergiorgio Messa

558 Interpretation of Body Mass Index in Children with CKD
Tao Gao, Mary B. Leonard, Babette Zemel, Heidi J. Kalkwarf, and Bethany J. Foster

565 A Cluster Randomized Trial of an Enhanced eGFR Prompt in Chronic Kidney Disease
Braden Manns, Marcello Tonelli, Bruce Culleton, Peter Faris, Kevin McLaughlin, Rick Chin, Katherine Gooch, Finlay A. McAlister, Ken Taub, Laurel Thorlacius, Richard Krause, Monica Kearns, and Brenda Hemmelgarn, on behalf of the Alberta Kidney Disease Network
See related editorial on page 525.

573 The Duke Activity Status Index in Patients with Chronic Kidney Disease: A Reliability Study
Pietro Ravani, Brett Kilb, Harman Bedi, Sharon Groeneveld, Serdar Yilmaz, and Stefan Mustata, for the Alberta Kidney Disease Network

Epidemiology and Outcomes

581 Acute Effects of Very-Low-Protein Diet on FGF23 Levels: A Randomized Study
Biagio Di Iorio, Lucia Di Micco, Serena Torraca, Maria Luisa Sirico, Luigi Russo, Andrea Pota, Francesco Mirenghi, and Domenico Russo

588 Chronic Kidney Disease, Insulin Resistance, and Incident Diabetes in Older Adults
Hien Pham, Cassianne Robinson-Cohen, Mary L. Biggs, Joachim H. Ix, Kenneth J. Mukamal, Linda F. Fried, Bryan Kestenbaum, David S. Siscovick, and Ian H. de Boer
595 Influence of Urine Creatinine on the Relationship between the Albumin-to-Creatinine Ratio and Cardiovascular Events
Caitlin E. Carter, Ronald T. Gansevoort, Lieneke Scheven, Hiddo J. Lambers Heerspink, Michael G. Shlipak, Paul E. de Jong, and Joachim H. Ix

604 Use of Secondary Prevention Medications among Adults with Reduced Kidney Function
Tara I. Chang, Liyan Gao, Todd M. Brown, Monika M. Safford, Suzanne E. Judd, William M. McClellan, Nita A. Limdi, Paul Muntner, and Wolfgang C. Winkelmayer

612 Is Assisted Peritoneal Dialysis Associated with Technique Survival When Competing Events Are Considered?
Thierry Lobbedez, Christian Verger, Jean-Philippe Ryckelynck, Emmanuel Fabre, and David Evans

ESRD and Chronic Dialysis
619 MicroRNAs in Patients on Chronic Hemodialysis (MINOS Study)
Cristina Emilian, Emilene Goretti, Fernand Prospert, Dominique Pouthier, Pierre Duhoux, Georges Gilson, Yvan Devaux, and Daniel R. Wagner

Mineral Metabolism/Bone Disease
624 Randomized Trial Assessing the Effects of Ergocalciferol Administration on Circulating FGF23
Sherri-Ann M. Burnett-Bowie, Benjamin Z. Leder, Maria P. Henao, Chantel M. Baldwin, Douglas L. Hayden, and Joel S. Finkelstein

632 A Computerized Treatment Algorithm Trial to Optimize Mineral Metabolism in ESRD
David M. Spiegel, Lesley McPhatter, Ann Allison, Joanne C. Drumheller, and Robert Lockridge

640 Racial Differences in Markers of Mineral Metabolism in Advanced Chronic Kidney Disease

Renal Transplantation
648 Impact of a Patient Education Program on Disparities in Kidney Transplant Evaluation
Rachel E. Patzer, Jennie P. Perryman, Stephen Pastan, Sandra Amaral, Julie A. Gazmararian, Mitch Klein, Nancy Kutner, and William M. McClellan
See related editorial on page 527.

656 Simultaneous Pancreas Kidney Transplant versus Other Kidney Transplant Options in Patients with Type 2 Diabetes
Alexander C. Wiseman and Jane Gralla
See related editorial on page 530.

Attending Rounds
665 Attending Rounds: An Older Patient with Nephrotic Syndrome
Richard J. Glassock

In-Depth Reviews
671 Differential Diagnosis of Nongap Metabolic Acidosis: Value of a Systematic Approach
Jeffrey A. Kraut and Nicolaos E. Madias

680 Patient and Facility Safety in Hemodialysis: Opportunities and Strategies to Develop a Culture of Safety
Renee Garrick, Alan Kliger, and Beth Stefanchik
On the Cover

What’s the diagnosis? A 93-year-old man presented with urosepsis and acute kidney injury, with an increase in serum creatinine from a baseline of 1.6 mg/dl to a value of 4.7 mg/dl. He had an indwelling Foley catheter for chronic bladder outlet obstruction related to severe prostatic hypertrophy. The image shown is a coronal reconstruction of computed tomography imaging of the abdomen demonstrating left hydronephrosis and hydroureter (solid arrows, A), right hydroureter (solid arrowheads, A; the kidney is not visualized in this cut), and a massively distended bladder (open arrowheads, A). The Foley catheter can be seen in the urethra (open arrow, A); however, the balloon is not visualized in the bladder. The Foley catheter had become dislodged and had migrated with the balloon in the prostatic urethra (arrow on the sagittal reconstruction through the prostate, B). The obstruction resolved and kidney function returned to baseline after removal of the obstructing Foley catheter and placement of a properly positioned catheter in the bladder. (Image and text provided by Paul M. Palevsky, MD, FASN, Renal Section, VA Pittsburgh Healthcare System and Renal-Electrolyte Division, University of Pittsburgh School of Medicine, Pittsburgh, PA)