EDITORIALS

903 Can We Rely on Blood Urea Nitrogen as a Biomarker to Determine When to Initiate Dialysis? Sushrut S. Waikar and Joseph V. Bonventre See related article on pages 915–919.


ORIGINAL ARTICLES

Acid/Base and Electrolyte Disorders

909 Age-Related Increase in Plasma Urea Level and Decrease in Fractional Urea Excretion: Clinical Application in the Syndrome of Inappropriate Secretion of Antidiuretic Hormone Wim Musch, Lies Verfaillie, and Guy Decaux

Acute Renal Failure


Clinical Immunology and Pathology


Clinical Nephrology

925 A Randomized Pilot Trial Comparing Cyclosporine and Azathioprine for Maintenance Therapy in Diffuse Lupus Nephritis over Four Years Gabriella Moroni, Andrea Doria, Marta Mosca et al.

933 Is Body Size a Biomarker for Optimizing Dosing of Omega-3 Polyunsaturated Fatty Acids in the Treatment of Patients with IgA Nephropathy? James V. Donadio, Eric J. Bergstralh, Douglas M. Bibus et al.

Diabetes and the Kidney

940 Selective Aldosterone Blockade with Eplerenone Reduces Albuminuria in Patients with Type 2 Diabetes Murray Epstein, Gordon H. Williams, Myron Weinberger et al.

Dialysis

952 Minutes to Recovery after a Hemodialysis Session: A Simple Health-Related Quality of Life Question That Is Reliable, Valid, and Sensitive to Change Robert M. Lindsay, Paul A. Heidenheim, Gihad Nesarallah et al.

960 Hemodialysis Blood Access Flow Rates Can Be Estimated Accurately from On-Line Dialysate Urea Measurements and the Knowledge of Effective Dialyzer Urea Clearance Robert M. Lindsay, Jan Sternby, Bo Olde et al.

965 Relationship between Blood Flow in Central Venous Catheters and Hemodialysis Adequacy Louise M. Moist, Brenda R. Hemmelgarn, and Charmaine E. Lok


979 Pro- and Anti-Inflammatory Cytokines in Chronic Pediatric Dialysis Patients: Effect of Aspirin Stuart L. Goldstein, Jocelyn C. Leung, and Douglas M. Silverstein


Epidemiology and Outcomes

993 Survival Advantage of Black Patients with Kidney Disease after Acute Myocardial Infarction Britt B. Newsome, William M. McClellan, Christopher S. Coffey et al. See related editorial on pages 905–906.

1000 Dementia as a Predictor of Mortality in Dialysis Patients Daniel A. Rakowski, Sophie Caillard, Lawrence Y. Agodoa et al.

1006 Design and Methods of the Chronic Kidney Disease in Children (CKID) Prospective Cohort Study Susan L. Furth, Stephen R. Cole, Marva Moxey-Mims et al.
Incidence of ANCA-Associated Primary Renal Vasculitis in the Miyazaki Prefecture: The First Population-Based, Retrospective, Epidemiologic Survey in Japan
Shouichi Fujimoto, Shigehiro Uezono, Shuichi Hisanaga et al.

Facilitating Advance Care Planning for Patients with End-Stage Renal Disease: The Patient Perspective
Sara N. Davison

Effect of Prednisone versus No Prednisone as Part of Maintenance Immunosuppression on Long-Term Renal Transplant Function
Lorenzo G. Gallon, Johan Winoto, Joseph R. Leventhal et al.

See related editorial on pages 907–908.

Aldosteronism and Hypertension
David A. Calhoun

Renin Angiotensin System Blockade and Nephropathy: Why Is It Being Called into Question, and Should It Be?
Norman K. Hollenberg and Murray Epstein

Properties Permitting the Renal Cortex to Be the Oxygen Sensor for the Release of Erythropoietin: Clinical Implications
Mitchell L. Halperin, Surinder Cheema-Dhadli, Shih-Hua Lin et al.

Progression of Renal Disease: Renoprotective Specificity of Renin-Angiotensin System Blockade
Karen A. Griffin and Anil K. Bidani

Hepatorenal Syndrome: Pathophysiology and Management
Hani M. Wadei, Martin L. Mai, Nasimul Ahsan et al.

Steroid Sparing in Kidney Transplantation: Changing Paradigms, Improving Outcomes, and Remaining Questions
Joshua J. Augustine and Donald E. Hricik

Management of Dyslipidemias in Patients with Diabetes and Chronic Kidney Disease
Mark E. Molitch

TNF-α Bioactivity-Inhibiting Therapy in ANCA-Associated Vasculitis: Clinical and Experimental Considerations
Dennis Huugen, Jan Willem Cohen Tervaert, and Peter Heeringa

Diagnostic Approach in Autosomal Dominant Polycystic Kidney Disease
York Pei

Clinical Research Methods in CJASN
Chi-yuan Hsu and Harold I. Feldman

Cohort Studies: Marching Forward
Ravi Thadhani and Marcello Tonelli

Studying the Prevention of Acute Kidney Injury: Lessons from an 18th-Century Mathematician
Glenn M. Chertow, Paul M. Palevsky, and Thomas Greene