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.

Reverse Race and Ethnic Disparities in Survival Increase with Severity of Chronic Kidney Disease: What Does This Mean?  
Neil R. Powe  
See related article on pages 993–999.

Corticosteroids and Kidney Transplantation  
John Curtis  
See related article on pages 1029–1038.

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  
See related editorial on pages 903–904.

Timing of Initiation of Dialysis in Critically Ill Patients with Acute Kidney Injury  
Kathleen D. Liu, Jonathan Himmelfarb, Emil Paganini et al.  
See related editorial on pages 903–904.

Giant Cell Tubulitis with Tubular Basement Membrane Immune Deposits: A Report of Two Cases after Cardiac Valve Replacement Surgery  

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.

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.

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

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 Nesrallah et al.

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.

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

Influence of Luminal Diameters on Flow Surveillance of Hemodialysis Grafts: Insights from a Mathematical Model  
John J. White, Sunanda J. Ram, Steven A. Jones et al.

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

Clinical Course Associated with Vascular Access Type in a National Cohort of Adolescents Who Receive Hemodialysis: Findings from the Clinical Performance Measures and US Renal Data System Projects  
Jeffrey J. Fadrowski, Wenke Hwang, Diane L. Frankenfield et al.

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.

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

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.
MINI-REVIEWS

1039 Aldosteronism and Hypertension
David A. Calhoun

1046 Renin Angiotensin System Blockade and Nephropathy: Why Is It Being Called into Question, and Should It Be?
Norman K. Hollenberg and Murray Epstein

1049 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.

IN-DEPTH REVIEWS

1054 Progression of Renal Disease: Renoprotective Specificity of Renin-Angiotensin System Blockade
Karen A. Griffin and Anil K. Bidani

1066 Hepatorenal Syndrome: Pathophysiology and Management
Hani M. Wadei, Martin L. Mai, Nasimul Ahsan et al.

1080 Steroid Sparing in Kidney Transplantation: Changing Paradigms, Improving Outcomes, and Remaining Questions
Joshua J. Augustine and Donald E. Hricik

1090 Management of Dyslipidemias in Patients with Diabetes and Chronic Kidney Disease
Mark E. Molitch

1100 TNF-α Bioactivity-Inhibiting Therapy in ANCA-Associated Vasculitis: Clinical and Experimental Considerations
Dennis Huugen, Jan Willem Cohen Tervaert, and Peter Heeringa

DIAGNOSTIC & THERAPEUTIC CORNER

1108 Diagnostic Approach in Autosomal Dominant Polycystic Kidney Disease
York Pei

SPECIAL FEATURES

1115 Clinical Research Methods in CJASN
Chi-yuan Hsu and Harold I. Feldman

1117 Cohort Studies: Marching Forward
Ravi Thadhani and Marcello Tonelli

1124 Studying the Prevention of Acute Kidney Injury: Lessons from an 18th-Century Mathematician
Glenn M. Chertow, Paul M. Palevsky, and Thomas Greene