EDITORIALS

309 The Third World Kidney Day: Looking Back and Thinking Forward
Sudhir V. Shah and John Feehally, on behalf of the World Kidney Day Steering Committee

312 Pregnancy in Women on Dialysis: Is Success a Matter of Time?
Susan Hou
See related article on page 392.

314 Racial Disparities in Chronic Kidney Disease: Tragedy, Opportunity, or Both?
Keith Norris and Allen Nissenson
See related articles on pages 442 and 463.

PRESSE RÉNALE

317 Cardiovascular Literature—Beyond Nephrology
Eberhard Ritz

ORIGINAL ARTICLES

Acid Base/Electrolyte Disorders

324 Retrospective Review of the Frequency of ECG Changes in Hyperkalemia
Brian T. Montague, Jason R. Ouellette, and Gregory K. Buller

Acid Base/Mineral Metabolism

331 DDAVP Is Effective in Preventing and Reversing Inadvertent Overcorrection of Hyponatremia
Anjana Perianayagam, Richard H. Stems, Stephen M. Silver et al.

Clinical Nephrology

337 C.E.R.A. Corrects Anemia in Patients with Chronic Kidney Disease not on Dialysis: Results of a Randomized Clinical Trial
Iain C. Macdougall, Rowan Walker, Robert Provenzano et al.

348 Influence of Muscle Mass and Physical Activity on Serum and Urinary Creatinine and Serum Cystatin C
Alessandra Calábria Baxmann, Marion Souza Ahmed, Natália Cristina Marques et al.

Clinical Pharmacology

355 Influence of Hemodialysis on Gentamicin Pharmacokinetics, Removal During Hemodialysis, and Recommended Dosing
Kevin M. Sowinski, Stephanie J. Magner, Aroonrut Lucksiri et al.

Diabetes and the Kidney

362 Reduced Albuminuria with Sarpogrelate Is Accompanied by a Decrease in Monocyte Chemoattractant Protein-1 Levels in Type 2 Diabetes
Susumu Ogawa, Takefumi Mori, Kazuhiro Nako et al.

Dialysis

369 Citrate 4% versus Heparin and the Reduction of Thrombosis Study (CHARTS)
Jennifer M. MacRae, Ivana Dojcinovic, Ognjenka Djurdjev et al.

375 Presentation and Outcome of Patients with Systemic Amyloidosis Undergoing Dialysis
Guillaume Bollée, Bruno Guery, Dominique Joly et al.

382 White Thrombus Formation in Blood Tubing Lines in a Chronic Hemodialysis Unit
Suzanne Watnick, Michael Stooksbury, Rolf Winter et al.

387 Relation between Access Blood Flow and Mortality in Chronic Hemodialysis Patients
Mohammed Al-Ghonaim, Braden J. Manns, David J. Hirsch et al.

392 Successful Pregnancies on Nocturnal Home Hemodialysis
Moumita Barua, Michelle Hladunewich, Johannes Keunen et al.
See related editorial on page 312.

397 Dysregulated Chemokine Receptor Expression and Chemokine-Mediated Cell Trafficking in Pediatric Patients with ESRD
Barbara Sherry, Wei Wei Dai, Martin L. Lesser, and Howard Trachtman
Table of Contents continued inside
Clinical Journal of the American Society of Nephrology
(Table of Contents Continued)

407 Predictive Value of Brain Natriuretic Peptides in Patients on Peritoneal Dialysis: Results from the ADEMEX Trial
Ramon Paniagua, Dante Amato, Salim Mujais et al.

Hidekazu Moriya, Machiko Oka, Kyoko Maesato et al.

423 Fine-Tuning of the Prediction of Mortality in Hemodialysis Patients by Use of Cytokine Proteomic Determination
Stéphanie Badiou, Jean-Paul Cristol, Isabelle Jaussent et al.

431 Endotoxemia is Related to Systemic Inflammation and Atherosclerosis in Peritoneal Dialysis Patients
Cheuk-Chun Szeto, Bonnie Ching-Ha Kwan, Kai-Ming Chow et al.

437 Disparities in Fistula Maturation Persist Despite Preoperative Vascular Mapping
William J. Peterson, Jill Barker, and Michael Allon

Epidemiology and Outcomes
442 Assessment of Racial Disparities in Chronic Kidney Disease Stage 3 and 4 Care in the Department of Defense Health System
Sam W. Gao, David K. Oliver, Neal Das et al. See related editorial on page 314.

450 Cardiovascular Risk Factors and Incident Acute Renal Failure in Older Adults: The Cardiovascular Health Study
Anuja Mittalhenkle, Catherine O. Stehman-Breen, Michael G. Shlipak et al.

457 Hemoglobin Decline in Children with Chronic Kidney Disease: Baseline Results from the Chronic Kidney Disease in Children Prospective Cohort Study
Jeffrey J. Fadrowski, Christopher B. Pierce, Stephen R. Cole et al.

Renal Transplantation
463 Insurance Type and Minority Status Associated with Large Disparities in Prelisting Dialysis among Candidates for Kidney Transplantation
Douglas Keith, Valarie B. Ashby, Friedrich K. Port, and Alan B. Leichtman See related editorial on page 314.

471 Kidney Transplantation as Primary Therapy for End-Stage Renal Disease: A National Kidney Foundation/Kidney Disease Outcomes Quality Initiative (NKF/KDOQI™) Conference
Michael Abecassis, Stephen T. Bartlett, Allan J. Collins et al.

MINI-REVIEW

481 Urinary Biomarkers for Acute Kidney Injury: Perspectives on Translation
Steven G. Coca and Chirag R. Parikh

IN-DEPTH REVIEWS

491 Management of Cardiovascular Disease in Renal Transplant Recipients
Anushree C. Shirali and Margaret J. Bia

505 Emerging Biomarkers for Evaluating Cardiovascular Risk in the Chronic Kidney Disease Patient: How Do New Pieces Fit into the Uremic Puzzle?
Peter Stenvinkel, Juan Jesús Carrero, Jonas Axelson et al.

522 Revisiting the Dialysate Sodium Prescription as a Tool for Better Blood Pressure and Interdialytic Weight Gain Management in Hemodialysis Patients
Sergio F. F. Santos and Aldo J. Peixoto

531 Potential Interventions in Sepsis-Related Acute Kidney Injury
Claudio Ronco, John A. Kellum, Rinaldo Bellomo, and Andrew A. House
MOVING POINTS IN NEPHROLOGY

545 The Expanding Role of the Nephrologist in the Intensive Care Unit
Lakhmir S. Chawla

546 Approach to Hemodynamic Shock and Vasopressors
Stefan Herget-Rosenthal, Fuat Saner, and Lakhmir S. Chawla

554 Advances in Critical Care for the Nephrologist: Hemodynamic Monitoring and Volume Management
Danielle Davison and Christopher Junker

562 Mechanical Ventilation and Lung–Kidney Interactions
Jay L. Koyner and Patrick T. Murray

571 Sepsis: A Clinical Update
Corey E. Ventetuolo and Mitchell M. Levy

578 Advances in Critical Care for the Nephrologist: Acute Lung Injury/ARDS
Kathleen D. Liu and Michael A. Matthay

587 Withholding and Withdrawing Dialysis in the Intensive Care Unit: Benefits Derived from Consulting the Renal Physicians Association/American Society of Nephrology Clinical Practice Guideline, Shared Decision-Making in the Appropriate Initiation of and Withdrawal from Dialysis
Samir S. Patel and Jean L. Holley

SPECIAL FEATURE: SCREENING SERIES

594 Chronic Kidney Disease in Latin America: Time to Improve Screening and Detection
Ana Maria Cusumano and Maria Carlota González Bedat

601 Principles of Screening for Chronic Kidney Disease
Bernard G. Jaar, Rasha Khatib, Laura Plantinga et al.

610 Chronic Kidney Disease Prevention in Singapore
Sylvia P. B. Ramirez

616 Screening for Chronic Kidney Disease: Where Does Europe Go?
Paul E. de Jong, Marije van der Velde, Ron T. Gansevoort, and Carmine Zoccali

CLINICOPATHOLOGIC CONFERENCE

624 A Case of Polyneuropathy and Proteinuria
Stephen M. Korbet and Stephen Bonsib

CLINICAL CONFERENCE

637 A Case of Treated ANCA-Associated Vasculitis with Recurrent Renal Failure
Alan D. Salama, H. Terence Cook, Charles D. Pusey, and Ruth J. Pepper