

Clinical Journal of the American Society of Nephrology

EDITORIAL

- 1** Second Chances in Mineral Metabolism

Myles Wolf

See related article on page 110.

ORIGINAL ARTICLES

Acute Renal Failure

- 4** Incidence of Contrast-Induced Nephropathy after Contrast-Enhanced Computed Tomography in the Outpatient Setting

Alice M. Mitchell, Alan E. Jones, James A. Tumlin, and Jeffrey A. Kline

Chronic Kidney Disease

- 10** Long-Term Outcome of Infants with Severe Chronic Kidney Disease

Djalila Mekahli, Vanessa Shaw, Sarah E. Ledermann, and Lesley Rees

- 18** Renal Replacement Therapy in Infants with Chronic Renal Failure in the First Year of Life

Mirja Wedekin, Jochen H.H. Ehrich, Gisela Offner, and Lars Pape

Clinical Genetics

- 24** CRP Polymorphisms and Progression of Chronic Kidney Disease in African Americans

Adriana M. Hung, Dana C. Crawford, Marie R. Griffin et al.

Clinical Nephrology

- 34** Alport Retinopathy Results from "Severe" COL4A5 Mutations and Predicts Early Renal Failure

Rachel Tan, Deb Colville, Yan Yan Wang et al.

- 39** Glomerular Density in Renal Biopsy Specimens Predicts the Long-Term Prognosis of IgA Nephropathy

Nobuo Tsuboi, Tetsuya Kawamura, Kentaro Koike et al.

Diabetes and the Kidney

- 45** The Relationship between Hemoglobin Levels and Endothelial Functions in Diabetes Mellitus

Alper Sonmez, Mahmut Ilker Yilmaz, Mutlu Saglam et al.

Dialysis

- 51** Tissue-Advanced Glycation End Product Concentration in Dialysis Patients

Natasha J. McIntyre, Lindsay J. Chesterton, Stephen G. John et al.

- 56** Upregulation of Monocyte/Macrophage HGFIN (Gpmb/Osteoactivin) Expression in End-Stage Renal Disease

Madeleine V. Pahl, Nosratola D. Vaziri, Jun Yuan, and Sharon G. Adler

- 62** Pregnancy in Dialysis Patients: Is the Evidence Strong Enough to Lead Us to Change Our Counseling Policy?

Giorgina Barbara Piccoli, Anne Conijn, Valentina Consiglio et al.

- 72** Predicting Six-Month Mortality for Patients Who Are on Maintenance Hemodialysis

Lewis M. Cohen, Robin Ruthazer, Alvin H. Moss, and Michael J. Germain

- 80** Role of Residual Kidney Function and Convective Volume on Change in β_2 -Microglobulin Levels in Hemodiafiltration Patients

E. Lars Penne, Neelke C. van der Weerd, Peter J. Blankestijn et al.

Epidemiology and Outcomes

- 87** Therapeutic Management in Patients with Renal Failure who Experience an Acute Coronary Syndrome

H eloise Cardinal, Peter Bogaty, Francois Madore et al.

- 95** Adverse Safety Events in Chronic Kidney Disease: The Frequency of "Multiple Hits"

Erica Chapin, Min Zhan, Van Doren Hsu et al.

CJASNTM

Clinical Journal of the American Society of Nephrology

(Table of Contents Continued)

Hereditary Disease

- 102** The HALT Polycystic Kidney Disease Trials: Design and Implementation
Arlene B. Chapman, Vicente E. Torres, Ronald D. Perrone et al.

Mineral Metabolism and Bone Disease

- 110** Effects of Cinacalcet and Concurrent Low-Dose Vitamin D on FGF23 Levels in ESRD
James B. Wetmore, Shiguang Liu, Ron Krebill et al. *See related editorial on page 1.*
- 117** Individualized Therapy to Prevent Bone Mineral Density Loss after Kidney and Kidney-Pancreas Transplantation
Rahul Mainra and Grahame J. Elder

Renal Transplantation

- 125** Sleep Apnea Is Associated with Cardiovascular Risk Factors among Kidney Transplant Patients
Miklos Zsolt Molnar, Alpar Sandor Lazar, Anett Lindner et al.

IN-DEPTH REVIEWS

- 133** Familial Renal Glucosuria and SGLT2: From a Mendelian Trait to a Therapeutic Target
René Santer and Joaquim Calado
- 142** Novel B Cell Therapeutic Targets in Transplantation and Immune-Mediated Glomerular Diseases
Flavio Vincenti, Scott D. Cohen, and Gerald Appel

SPECIAL FEATURE

- 152** Establishing a National Chronic Kidney Disease Surveillance System for the United States
Rajiv Saran, Elizabeth Hedgeman, Laura Plantinga et al.