Patient Voice

1575  Media Analysis of the Canadian Deemed Consent Policy: Valuable Insights?
Paul T. Conway
See related article on page 1656.

Editorials

1577  Understanding Public Perspectives on Opt-Out Deceased Donor Transplant Policy: Ethically Obligatory and Practically Necessary
Catherine R. Butler
See related article on page 1656.

1580  Integrating PROMs in Routine Dialysis Care: The Devil is in the (Implementation) Details
Jennifer E. Flythe
See related article on page 1631.

1583  The Role of Anti-B Cell Activating Factor Therapy for Treating Lupus Nephritis
Benjamin Wooden and Jai Radhakrishnan
See related article on page 1631.

1586  Can We Turn the Symptom Curve? Symptom Trajectories and Outcomes among Patients with CKD
Giselle Rodriguez de Sosa and Mark Unruh
See related article on page 1588.

Original Articles

Chronic Kidney Disease

1588  Five-Year Symptom Trajectories in Nondialysis-Dependent CKD Patients
Moustapha Faye, Karine Legrand, Lisa Le Gall, Karen Leffondre, Abdou Y. Omorou, Natalia Alencar de Pinho, Christian Combe, Denis Fouque, Christian Jacqueline, Maurice Laville, Sophie Liabeuf, Ziad A. Massy, Elodie Speyer, Roberto Pecoits Filho, Bénédicte Stengel, Luc Frimat, and Carole Ayav, on behalf of the CKD-REIN Study Group
See related editorial on page 1586.

Genetics

1598  Genome-Wide Association Study for eGFR in a Taiwanese Population
Ying-Chun Chen, Henry Sung-Ching Wong, Mei-Yi Wu, Wan-Hsuan Chou, Chih-Chin Kao, Ching-Hsuan Chao, Wei-Chiao Chang, and Mai-Szu Wu

Glomerular and Tubulointerstitial Diseases

1609  Toxic Occupational Exposures and Membranous Nephropathy
Marion Cremoni, Sophie Agbekodo, Maxime Teisseyre, Kevin Zorzi, Vesna Brglez, Sylvia Benzaken, Vincent Esnault, Jo-Hanna Planchard, and Barbara Seitz-Polaki
Safety and Efficacy of Belimumab in Patients with Lupus Nephritis: Open-Label Extension of BLISS-LN Study
Richard Furie, Brad H. Rovin, Frédéric Houssiau, Gabriel Contreras, Y.K. Onno Teng, Paula Curtis, Yulia Green, Mohamed Okily, Anuradha Madan, and David A. Roth
See related editorial on page 1583.

How the Routine Use of Patient-Reported Outcome Measures for Hemodialysis Care Influences Patient-Clinician Communication: A Mixed-Methods Study
Kara Schick-Makaroff, Lisa A. Wozniak, Hilary Short, Sara N. Davison, Scott Klarenbach, Robert Buzinski, Michael Walsh, and Jeffrey A. Johnson
See related editorial on page 1580.

Longitudinal Evaluation of Donor-Derived Cell-free DNA in Pediatric Kidney Transplantation
Raja Dandamudi, Hongjie Gu, Charles W. Goss, Leslie Walther, and Vikas R. Dharnidharka

A Qualitative Content Analysis of Comments on Press Articles on Deemed Consent for Organ Donation in Canada
Danielle E. Fox, Maoliosa Donald, Christy Chong, Robert R. Quinn, Paul E. Ronksley, Meghan J. Elliott, and Ngan N. Lam
See related Patient Voice and editorial on pages 1575 and 1577, respectively.

Effects of Dapagliflozin in People without Diabetes and with Microalbuminuria
Hiddo J.L. Heerspink, Glenn M. Chertow, Niels Jongs, Ricardo Correa-Rotter, Peter Rossing, C. David Sjöström, Anna Maria Langkilde, and David C. Wheeler, for the DAPA-CKD Trial Committee and Investigators

Processes of Care in Survivors of Acute Kidney Injury followed in Specialized Postdischarge Clinics
Victor Ortiz-Soriano, Gurmukteshwar Singh, Alexander Chang, Eloy F. Ruiz, Ron Wald, Samuel A. Silver, and Javier A. Neyra

Correction: Physiology of the Aging Kidney: We Know Where We Are Going, but We Don’t Know How ...

Acute Kidney Injury in Patients with Liver Disease
Giuseppe Cullaro, Swetha Rani Kanduri, and Juan Carlos Q. Velez

How I Treat Steroid-Sensitive Nephrotic Syndrome in Children
Marina Vivarelli and Francesco Emma

Reducing the Risks of Home Dialysis Innovation and Uptake: The Case for Human-Centered Product Design
Zachary Cahill, Paul T. Conway, and Mark D. Lim

“Make Me a Match”: All-In and Other Trends in the Nephrology Match
Steven C. Cheng, Kurtis A. Pivert, and Stephen M. Sozio

Gut Microbiome and Kidney Disease: Reconciling Optimism and Skepticism
Divya Shankaranarayanan and Dominic S. Raj
On the Cover

What is the diagnosis?

An 87-year-old male with a known history of hypertension and coronary artery disease presented with symptomatic anemia (Hgb 6.6 g/dL) and AKI with a serum creatinine of 8.4 mg/dL. He had microscopic hematuria and proteinuria of 2093 mg/g. Serum protein electrophoresis showed a faint M-spike, and immunofixation suggested IgG lambda monoclonal band. A serum free light chain assay showed a kappa/lambda ratio of 0.14, with a free kappa level of 57 mg/dL and lambda level of 394 mg/dL. Kidney biopsy showed lambda-restricted light chain crystalline cast nephropathy. Bone marrow workup subsequently revealed IgG lambda plasma cell myeloma comprising 60% of marrow cellularity. He required dialysis initiation and remains dialysis dependent to date, 3 months after his initial presentation.

Image Description:

Light microscopy showed acute tubular injury coupled with slightly pale eosinophilic (left image) and bright fuchsinophilic (middle image) intra-tubular geometric-shaped crystalline casts having sharp angulated edges. Some of these casts were associated with intense cellular reaction (as in left image) within the tubular lumina including occasional giant cells (not shown). Glomeruli were unremarkable. Electron microscopy showed tubular lumina filled with similar crystalline geometric casts (right image).

Teaching Points:

Light chain crystalline cast nephropathy shares etymological similarities with light chain cast nephropathy, but with important differences such as: (1) it is much rarer; (2) there is a predominance of lambda-restricted light chain casts; (3) crystalline casts can be seen in both proximal and distal tubules; and (4) morphologically, it presents as sharp multiple geometric-shaped crystalline casts within tubules. Treatment of light chain crystalline case nephropathy is not well defined and guided by case reports only, which encompass standard chemotherapy for multiple myeloma.

References:


(Images and text provided by Rajib K. Gupta, Ochsner-LSU Health, Department of Pathology and Translational Pathobiology, Shreveport, Louisiana; Rusella Mirza, Ochsner-LSU Health, Department of Pathology and Translational Pathobiology, Shreveport, Louisiana; and Narendra Goel, New Jersey Kidney Care, Jersey City, New Jersey)