

## Patient Voice

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**1575 Media Analysis of the Canadian Deemed Consent Policy: Valuable Insights?**

*Paul T. Conway*

*See related article on page 1656.*

## Editorials

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**1577 Understanding Public Perspectives on Opt-Out Deceased Donor Transplant Policy: Ethically Obligatory and Practically Necessary**

*Catherine R. Butler*

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**1580 Integrating PROMs in Routine Dialysis Care: The Devil Is in the (Implementation) Details**

*Jennifer E. Flythe*

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**1583 The Role of Anti-B Cell Activating Factor Therapy for Treating Lupus Nephritis**

*Benjamin Wooden and Jai Radhakrishnan*

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**1586 Can We Turn the Symptom Curve? Symptom Trajectories and Outcomes among Patients with CKD**

*Ciselle Rodriguez de Sosa and Mark Unruh*

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## Original Articles

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### 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 Jacquelinet, 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-Polski*

- 1620 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.

### Maintenance Dialysis

- 1631 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.

### Transplantation

- 1646 Longitudinal Evaluation of Donor-Derived Cellfree DNA in Pediatric Kidney Transplantation**  
*Raja Dandamudi, Hongjie Gu, Charles W. Goss, Leslie Walther, and Vikas R. Dharnidharka*
- 1656 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.

## Research Letters

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- 1665 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*
- 1669 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*

## Erratum

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- 1673 Correction: Physiology of the Aging Kidney: We Know Where We Are Going, but We Don't Know How ...**

## Critical Care Nephrology and Acute Kidney Injury

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- 1674 Acute Kidney Injury in Patients with Liver Disease**  
*Giuseppe Cullaro, Swetha Rani Kanduri, and Juan Carlos Q. Velez*

## Kidney Case Conference: How I Treat

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- 1685 How I Treat Steroid-Sensitive Nephrotic Syndrome in Children**  
*Marina Vivarelli and Francesco Emma*

## Perspectives

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- 1688 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*
- 1691 "Make Me a Match": All-In and Other Trends in the Nephrology Match**  
*Steven C. Cheng, Kurtis A. Pivert, and Stephen M. Sozio*
- 1694 Gut Microbiome and Kidney Disease: Reconciling Optimism and Skepticism**  
*Divya Shankaranarayanan and Dominic S. Raj*

### 1697 Digenic Alport Syndrome

Judy Savige, Alessandra Renieri, Elisabet Ars, Sergio Daga, Anna Maria Pinto, Hansjorg Rothe, Daniel P. Gale, Marina Aksenova, Agne Cerkauskaite, Olga Bielska, Beata Lipska-Zietkiewicz, and Joel T. Gibson

#### 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 cast nephropathy is not well defined and guided by case reports only, which encompass standard chemotherapy for multiple myeloma.

#### References:

1. Matsumura H, Furukawa Y, Nakagaki T, Furutani C, Osanai S, Noguchi K, Odaka M, Yohda M, Ohtani H, Michishita Y, Kawabata Y, Kitabayashi A, Ikeda S, Nara M, Komatsuda A, Takahashi N, Wakui H: Multiple myeloma-associated Ig light chain crystalline cast nephropathy. *Kidney Int Rep* 5: 1595–1602, 2020
2. Gallan AJ, Khalighi MA. Lambda light chain crystalline cast nephropathy and proximal tubulopathy. *Kidney Int Rep* 1: 316–320, 2016
3. Sun L-J, Dong H-R, Xu X-Y, Wang GQ, Cheng H, Chen YP: Two kinds of rare light chain cast nephropathy caused by multiple myeloma: Case reports and literature review. *BMC Nephrol* 22: 42, 2021
4. Nasr SH, Valeri AM, Sethi S, Fidler ME, Cornell LD, Gertz MA, Lacy M, Dispenzieri A, Rajkumar SV, Kyle RA, Leung N: Clinicopathologic correlations in multiple myeloma: A case series of 190 patients with kidney biopsies. *Am J Kidney Dis* 59: 786–794, 2012

(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)