



MAYO CLINIC PROCEEDINGS

Innovations, Quality & Outcomes

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The June issue of *MCP:IQO* will be available by Thursday, May 24.
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Editorial


- 1 **Beyond Solo Interventions: Working Toward Medication Optimization**
Samuel G. Johnson

Original Articles

- 4 **Effect of Postdismissal Pharmacist Visits for Patients Using High-Risk Medications**
Joseph R. Herges, Lori B. Herges, Ross A. Dierkhising, Kristin C. Mara, Amanda Z. Davis, and Kurt B. Angstman 
- Patients seen by a pharmacist immediately before a clinician visit after hospital dismissal had a lower risk of readmission than patients who had a clinician-only visit. Patients taking medications that confer a high risk for hospital readmissions are ideal candidates for pharmacist involvement.
- 10 **Adolescent Perinatal Outcomes in South West Sydney, Australia**
Alexander J. Garner, Annette Robertson, Charlene Thornton, Gaksoo Lee, Angela Makris, Sally Middleton, Colin Sullivan, and Annemarie Hennessy 
- Adolescents have similar birth outcomes to their older counterparts. Adolescents had lower booking systolic and diastolic blood pressures, and their highest antenatal systolic blood pressure was also lower. This may have implications for the screening and diagnosis of hypertensive disorders of pregnancy in adolescents.
- 16 **Epidemiologic Factors, Clinical Presentation, Causes, and Outcomes of Liver Abscess: A 35-Year Olmsted County Study**
Ayush Sharma, Saurabh Mukewar, Kristin C. Mara, Ross A. Dierkhising, Patrick S. Kamath, and Nathan Cummins 
- The incidence of pyogenic liver abscess has increased over the past 35 years in Olmsted County, Minnesota, likely because of increasing frequency of hepatobiliary interventions and higher prevalence of multi-drug resistant organisms.
- 26 **Safety of Sedation for Patients Undergoing Bone Marrow Biopsy and Aspiration While Febrile**
Mary Ellen Warner, David P. Martin, Eli Muchtar, Juraj Sprung, Toby N. Weingarten, and Mark A. Warner
- Patients who present with fevers $> 38.3^{\circ}\text{C}$ and respiratory symptoms should be evaluated on an outpatient basis for potential community-acquired pneumonia before proceeding with their elective bone marrow biopsy under Propofol sedation. Patients with fever in the same range but without respiratory symptoms suggestive of pneumonia can safely undergo elective bone marrow biopsy.

Continued

30 Clinical, Biochemical, and Radiological Characteristics of a Single-Center Retrospective Cohort of 705 Large Adrenal Tumors

Nicole M. Iñiguez-Ariza, Jacob D. Kohlenberg, Danae A. Delivanis, Robert P. Hartman, Diana S. Dean, Melinda A. Thomas, Muhammad Z. Shah, Justine Herndon, Travis J. McKenzie, Wiebke Art, William F. Young Jr, and Irina Bancos 

Clinical context, hormonal assessment, and image phenotype can together determine the need for adrenalectomy in patients with adrenal tumors ≥ 4 cm in diameter. Patients with large adrenal tumors should be managed by an expert multidisciplinary team that includes endocrinologists, radiologists, and adrenal surgeons.

40 Stereotactic Body Radiotherapy for Medically Inoperable Stage I-II Non–Small Cell Lung Cancer: The Mayo Clinic Experience

Corey J. Hobbs, Stephen J. Ko, Nitesh N. Paryani, Joseph M. Accurso, Kenneth R. Olivier, Yolanda I. Garces, Sean S. Park, Christopher L. Hallemeier, Steven E. Schild, Sujay A. Vora, Jonathan B. Ashman, William G. Rule, Johnny R. Bowers, Michael G. Heckman, Nancy N. Diehl, and Robert C. Miller

Disease control was excellent for patients who received stereotactic body radiotherapy for early-stage non-small cell lung cancer, and this series represents the largest single institutional experience from the United States on stereotactic body radiotherapy for early stage inoperable non-small cell lung cancer.

49 Use of an Electronic Medical Record to Track Adherence to the Mediterranean Diet in a US Neurology Clinical Practice

Emmaline Rasmussen, Anne Marie Fosnacht Morgan, Richard Munson, Archie Ong, Smita Patel, Chad Yucus, Anna Pham, Vimal Patel, Roberta Frigerio, Rebekah Lai, Laura Hillman, Samuel Tideman, Chi Wang, Kelly Claire Simon, Miguel Ángel Martínez-González, and Demetrius M. Maraganore

Adherence to a Mediterranean diet can be routinely measured and captured in the EMR and analyzed for quality improvement and practice-based research. Patients in the outpatient neurology clinics of a major Midwestern healthcare system were identified as being only weakly adherent to the Mediterranean diet. This suggests potential for a large opportunity for nutrition intervention and education in U.S. neurology clinical practices based on automatic electronic health record analyses.

60 Fostering Choice Awareness for Shared Decision Making: A Secondary Analysis of Video-Recorded Clinical Encounters

Marleen Kunneman, Megan E. Branda, Ian Hargraves, Arwen H. Pieterse, and Victor M. Montori

Fostering choice awareness is linked to a better execution of other shared decision-making steps, such as informing patients or discussing preferences, even when shared decision making tools are not available or not used.

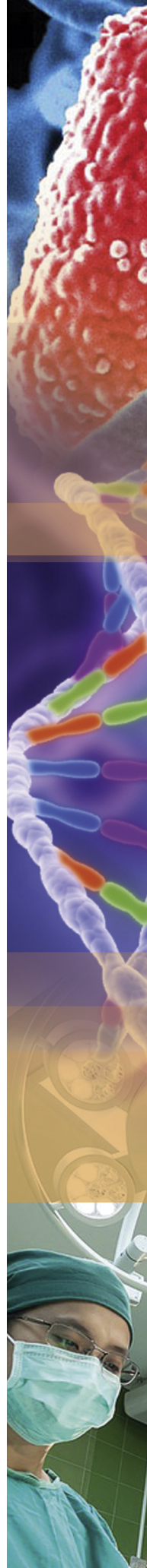
69 Complement Regulatory Genetic Mutations in the Setting of Autoimmune Thrombotic Thrombocytopenic Purpura: A Case Series

Shebli Atrash, Appalanaidu Sasapu, Soumya Pandey, Michele Cottler-Fox, and Pooja Motwani

The authors report an unusual clinical entity in three patients who presented with an acute thrombotic microangiopathy syndrome that had clinical and laboratory features of refractory hereditary or autoimmune thrombotic thrombocytopenic purpura but was associated with genetic mutations typically seen in atypical hemolytic uremic syndrome. Therapy with eculizumab was effective in all three patients.

Case Report**74 Association of Immune-Mediated Cerebellitis With Immune Checkpoint Inhibitor Therapy**

Joanna Zurko and Amitkumar Mehta 



Letter to the Editor

- 78** Targeting Physician Burnout Through Emotional Intelligence, Self-Care Techniques, and Leadership Skills Training: A Qualitative Study
Zeina Ghossoub, Relly Nadler, and Naim El-Aswad



Coming Soon...

Joint Corticosteroid Injection Associated with Increased Influenza Risk

The Vascular-Renal Connection in Patients Hospitalized with Hypertensive Crisis: A Population Based Study

Guideline Recommendations for PAD Patients: Quality Assessment and Provider Survey

Icon Key

-  This article has been given "Editor's Choice" distinction.
-  Supplemental material accompanies this article at www.mcpiqjournal.org.



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