



MAYO CLINIC PROCEEDINGS

Innovations, Quality & Outcomes

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

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Courtney Premer, Anthony J. Kanelidis, Joshua M. Hare, and Ivonne Hernandez Schulman

Original Articles

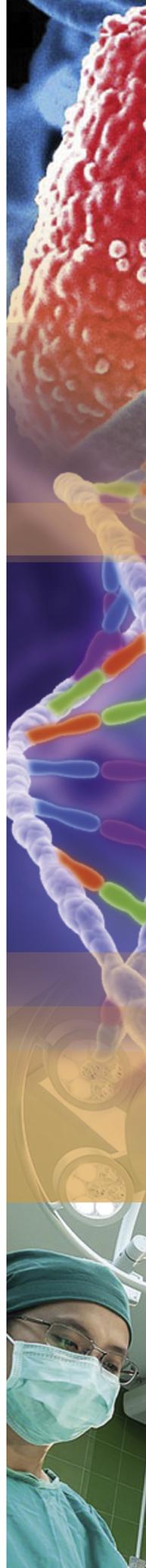
- 14** **A Prospective Correlation of Tissue Histopathology With Nucleic Acid Yield in Metastatic Castration-Resistant Prostate Cancer Biopsy Specimens**
Rafael E. Jimenez, Thomas D. Atwell, Hughes Sicotte, Bruce Eckloff, Ligu Wang, Poulami Barman, Jason P. Sinnwell, Patrick W. Eiken, Brendan P. McMenemy, Winston Tan, Liewei Wang, Rachel E. Carlson, and Manish Kohli 
- Image-guided needle core biopsy of metastatic castration-resistant prostate cancer is feasible and provides adequate tissue for pursuing histopathology and sequencing studies. Histopathology of extracted material mostly but not completely correlates with DNA/RNA sequencing data.
- 23** **Provider Survey on Automated Clinical Decision Support for Cardiovascular Risk Assessment**
Alisha P. Chaudhry, Sujith Samudrala, Francisco Lopez-Jimenez, Jane L. Shellum, Rick A. Nishimura, Rajeev Chaudhry, Hongfang Liu, and Adelaide M. Arruda-Olson 
- In a survey of provider opinions regarding a locally developed clinical decision support (CDS) system for individualized cardiovascular (CV) risk assessment and management, users reported that the system was easy to use and supported clinical thought process and clinical practice at the point-of-care. Providers favored development and refinement of a new CV risk CDS for a newly-adopted electronic health record that does not support the legacy CDS.
- 30** **A Time-Driven Activity-Based Costing Analysis of Emergency Department Scribes**
Heather A. Heaton, David M. Nestler, William J. Barry, Richard A. Helmers, Mustafa Y. Sir, Deepi G. Goyal, Derek A. Haas, Robert S. Kaplan, and Annie T. Sadosty
- The time-driven activity-based costing scribe project served as a tool to develop an accurate costing system based on actual resources and processes and allowed for understanding of resource use at a more granular level. With a scribe, opportunities are created for a physician to work at the top of his or her license and do what only a physician can do.
- 35** **Female-Authored Articles Are More Likely to Include Methods-Trained Authors**
Briget da Graca, Benjamin D. Pollock, Teresa K. Phan, Chris Carlisi, Tavia I. Gonzalez Peña, and Giovanni Filardo
- Our results show increasing inclusion of authors trained in research methods on original research articles published in high impact general medical journals over the past 20 years. Articles with women as first authors were significantly more likely to include at least one author with research methods training throughout the study period and across all journals.

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- 43** **When Team Conflicts Threaten Quality of Care: A Study of Health Care Professionals' Experiences and Perceptions**
Stéphane Cullati, Naïke Bochatay, Fabienne Maître, Thierry Laroche, Virginie Muller-Juge, Katherine S. Blondon, Noëlle Junod Perron, Nadia M. Bajwa, Nu Viet Vu, Sara Kim, Georges L. Savoldelli, Patricia Hudelson, Pierre Chopard, and Mathieu R. Nendaz
When team conflicts have consequences for patient care, they mostly influence timeliness, patient-centeredness, and efficiency. Quality managers of care hospitals should consider team conflicts as potential barriers to quality care.
- 52** **Coronary Heart Disease and Dietary Carbohydrate, Glycemic Index, and Glycemic Load: Dose-Response Meta-analyses of Prospective Cohort Studies**
Geoffrey Livesey and Helen Livesey  
Among healthy persons from Europe, North America and East Asia, strong and probably causal risk relations occur between incident coronary heart disease and dietary glycemic index and load. The risk relations between coronary heart disease on the one hand and carbohydrates of high glycemic index, glycemic load, and glycemic index on the other each are markedly greater across the globe than within jurisdictions.
- 70** **Use of Lung Cancer Screening With Low-Dose Computed Tomography in the Medicare Population**
Shawn Nishi, Jie Zhou, Yong-Fang Kuo, and James S. Goodwin 
There are many possible contributing factors to the low rates of low dose computed tomography screening, including lack of awareness among primary care providers regarding evidence, recommendations, patient eligibility criteria or physician "buy in".
- 78** **Tobacco Use in Fibromyalgia Is Associated With Cognitive Dysfunction: A Prospective Questionnaire Study**
Lin Ge, Ryan S. D'Souza, Terry Oh, Ann Vincent, Arya B. Mohabbat, Jason Eldrige, Li Jiang, Mary O. Whipple, Samantha J. McAllister, Zhen Wang, Wenchun Qu, and William D. Mauck
In fibromyalgia patients, smoking is a risk factor for cognitive dysfunction. Moreover, fibromyalgia smokers were more likely to report increased fibromyalgia symptom severity, worse quality of life, more sleep problems, and increased anxiety compared to fibromyalgia non-smokers.
- 86** **Sporadic Obliterative Bronchiolitis: Case Series and Systematic Review of the Literature**
Sean J. Callahan, Andrew Vranic, Lucia Flors, Michael Hanley, Mark H. Stoler, and Borna Mehrad 
Sporadic obliterative bronchiolitis is a rare disease that is uniformly associated with air-trapping on high-resolution chest computerized tomography. The diagnosis should be established with surgical biopsy if possible.

Case Report

- 94** **Confirmed Efficacy of Lenalidomide and Dexamethasone in Unresectable Cutaneous Facial Rosai-Dorfman-Destombes Disease**
Mae S. Al-Ghawas, Tony Ng, and Luke Y.C. Chen



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Carole M. Warde, Mark Linzer, John B. Schorling, Elizabeth M. Moore, and Sara Poplau
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Coming Soon...

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Respiratory Depression Following Ambulatory Urogynecologic Procedures: A Retrospective Analysis

Coronary Spasm and Polymorphic Ventricular Tachycardia One Year After Takotsubo

A novel diagnostic approach for suspected icodextrin pleural effusion in a peritoneal dialysis patient

Icon Key

 This article has been given "Editor's Choice" distinction.

 Supplemental material accompanies this article at www.mcpiqjournal.org.



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