



Editor Marjorie Bowman, MD, MPA Dayton, OH Deputy Editor Dean A. Seehusen, MD, MPH Augusta, GA Executive Editor Warren Newton, MD, MPH

Lexington, KY Associate Editor

Christy J.W. Ledford, PhD

**Editorial Board** Ian M. Bennett, MD, PhD Seattle, WA John M. Boltri, MD

Rootstown, OH Timothy N. Crawford, PhD, MPH Dayton, OH

Larry Culpepper, MD, MPH Boston, MA Jennifer E. DeVoe, MD, DPhil

Portland, OR Vanessa A. Diaz, MD, MS Charleston, SC

Aimee R. Eden, PhD, MPH Rockville, MD Nancy Elder, MD, MSPH Cincinnati, OH Joshua J. Fenton, MD, MPH

Sacramento, CA Jeanne Ferrante, MD, MPH Somerset, NJ

Beverly Green, MD, MPH Seattle, WA

Larry A. Green, MD

Aurora, CO Masahito Jimbo, MD, PhD, MPH Ann Arbor, MI

Mark S. Johnson, MD, MPH Washington DC Rodger Kessler, PhD, ABPP

Phoenix, AZ Sean C. Lucan, MD, MPH

Bronx, NY Megan R. Mahoney, MD Stanford, CA

Stanford, C.A Arch G. Mainous, PhD Gainesville, FL Zsolt J. Nagykaldi, PhD Oklahoma City, OK Brian J. Park, MD, MPH Portland, OR

Portland, OR
Donald Pathman, MD, MPH
Chapel Hill, NC
Sarina Schrager, MD
Madison, WI
Hazel Tapp, PhD
Portland, OR
Frie M. Will, MD, MPH

Eric M. Wall, MD, MPH Seattle, WA Imam M. Xierali, PhD

Dallas, TX

VOLUME 37, NUMBER 4

JULY-AUGUST 2024

C(	1	T 10	14	10
			<b>1</b>	

EDITORS' NOTE	
Artificial Intelligence and Family Medicine  Dean A. Seehusen, Marjorie A. Bowman, Jacqueline Britz, and Christy J. W. Ledford	517
COMMENTARIES	
Family Medicine Must Prepare for Artificial Intelligence  Karim Hanna, David Chartash, Winston Liaw, Damian Archer,  Daniel Parente, Nipa R. Shah, Steven Waldren,  Bernard Ewigman, and Wayne Altman	520
Physician Satisfaction Should Be the Measure of Electronic Health Record Quality for the Nation Alex H. Krist	525
ORIGINAL RESEARCH	
Performance Evaluation of the Generative Pre-trained Transformer (GPT-4) on the Family Medicine In-Training Examination Ting Wang, Arch G. Mainous III, Keith Stelter,	528
Thomas R. O'Neill, and Warren P. Newton  Using Primary Health Care Electronic Medical Records to Predict Hospitalizations, Emergency Department Visits, and Mortality: A Systematic Review  Rebecca Johnson, Thomas Chang, Rahim Moineddin, Tara Upshaw, Noah Crampton, Emma Wallace, and Andrew D. Pinto	
Associations Between Patient/Caregiver Trust in Clinicians and Experiences of Healthcare-Based Discrimination  Arshdeep Kaur, Laura M. Gottlieb, Stephanie Ettinger de Cuba, Elena Byhoff, Eric W. Fleegler, Alicia J. Cohen, Nathaniel J. Glasser, Mark J. Ommerborn, Cheryl R. Clark, and Emilia H. De Marchis	607





VOLUME 37, NUMBER 4

JULY-AUGUST 2024

## **CONTENTS**

Continued			
A Qualitative Analysis of a Primary Care Medical-Legal Partnership: Impact, Barriers, and Facilitators Winston Liaw, Christine Bakos-Block, Thomas F. Northrup, Angela L. Stotts, Abigail Hernandez, Lisandra Finzetto, Pelumi Oloyede, Bruno Moscoso Rodriguez, Skye Johnson, Lauren Gilbert, Jessica Dobbins, LeChauncy Woodard, and Thomas Murphy	637		
Implementation of an Opt-Out Outpatient HIV Screening Program Cameron T. Miller, Kristin S. Alvarez, Ank E. Nijhawan, Virali Soni, Lena Turknett, Raja Paspula, and Helen L. King	650		
Colorectal Cancer Screening: A Multicomponent Intervention to Increase Uptake in Patients Aged 45–49  Sean P. McClellan, Shreya Patel, Elizabeth Uy-Smith, Blake Gregory, John M. Neuhaus, Michael B. Potter, and Ma Somsouk	660		
Clinician-Reported Barriers and Needs for Implementation of Continuous Glucose Monitoring Tristen Hall, Meredith K. Warman, Tamara Oser, Melissa K. Filippi, Brian Manning, Jennifer K. Carroll, Donald E. NeaseJr, Elizabeth W. Staton, and Sean Oser	671	JABFM (Journal of the American Board of Family Medicine) (ISSN 1557-2625) is published six times a year in January, March, May, July, September, and November by the	
Primary Care Clinicians' Interest In, and Barriers To, Medication Abortion Laurel M. P. Neufeld and Kristen P. Mark	680	American Board of Family Medicine, Inc., 1648 McGrathiana Parkway, Fifth Floor, Lexington, KY 40511 with printing services provided by Intellicor Communications, 3575 Hempland	
How Early Career Family Medicine Women Physicians Negotiate Their First Job After Residency Annie Koempel, Melissa K. Filippi, Madeline Byrd, Emma Bazemore, Anam Siddiqi, and Yalda Jabbarpour	690	Road, Lancaster, PA 17601. For more information please refer to the Information for Readers page. POSTMASTER: Send address changes to JABFM Subscriptions, American Board of Family Medicine, 1648 McGrathiana	
Sexual Misconduct by Board Certified Family Physicians  Elizabeth Baxley, Shannon Dunahue, Annie Koempel,  Andrea Anderson, Beth Hansen, Gary LeRoy, and Michael Magill	698	Parkway, Suite 550, Lexington, KY 40511.  © Copyright 2024 by the America Board of Family Medicine. All rights reserved. The <i>Journal</i> does not hold itself responsible for statements made by any contributor. Statements or opinion expressed in the <i>Journal</i> reflect the views of the author(s) and not the official policy of the American Board of Family Medicine.	





VOLUME 37, NUMBER 4

JULY-AUGUST 2024

## **CONTENTS**

Continued

BRIEF REPORT	
Assessing Patient Readiness for Hospital Discharge, Discharge Communication, and Transitional Care Management Catherine E. Elmore, Mackenzie Elliott, Kirsten E. Schmutz, Sonja E. Raaum, Erin Phinney Johnson, Alycia A. Bristol, Molly B. Conroy, and Andrea S. Wallace	706
CLINICAL REVIEWS	
Headache Treatment Options Suzanne Florczyk, Taiwona Elliott, Kelley Lawrence, Lauren Penwell-Waines, and Cecile Robes	737
Be SMART About Asthma Management: Single Maintenance And Reliever Therapy Alexander F. Infante, Christina Wells, Julie Loza, Keia Hobbs, Jennie B. Jarrett, and Abigail T. Elmes	745
Potential Drawbacks of Noninvasive Diagnostic Methods for Nonalcoholic Fatty Liver Disease Yasir M. Khayyat	753
A Comprehensive Guide to Long-Acting Injectable Antipsychotics for Primary Care Clinicians  Abirami Krishna, Shelby Goicochea, Rishubh Shah, Benton Stamper, Grant Harrell, and Ana Turner	773
CLINICAL GUIDELINES AND PRIMARY CARE	
Cannabis and Pain Management  Fred Rottnek, Sheryl Lyss, John Hartman, Geoffrey Panjeton, and Amanda Hilmer	784





VOLUME 37, NUMBER 4

JULY-AUGUST 2024

## **CONTENTS**

Continued

RESEARCH LETTERS	
Impact of Point of Care Hemoglobin A1c Testing on Time to Therapeutic Intervention Angela Goodhart, Heather Johnson, Erika Bodkins, and Kelsey Samek	790
Impact of COVID-19 on Chronic Ambulatory-Care-Sensitive Condition Emergency Department Use Among Older Adults Arch G. MainousIII, Lu Yin, James F. Medley, Aaron A. Saguil, and Frank A. Orlando	
POLICY BRIEF	
Only One Quarter of Family Physicians Are Very Satisfied with Their Electronic Health Records Platform Nathaniel Hendrix, Robert L. Phillips, and Andrew W. Bazemore	796
PRIORITY UPDATES FROM THE RESEARCH LITERATURE (PURLS)	
The Priority Updates from the Research Literature (PURLs)  Methodology  Paige Smith and Gregory Castelli	
CORRESPONDENCE	
Wonca Europe 2023 Definition of General Practice/Family Medicine: New Needs New Content Nikolaos Nikitidis	803
Re: Friendship as Medicine  Kenda Al-Assi, Emily M. Silver, Rekha Chandrabose,  Elizabeth H. Ellinas, Eman Ansari, and Danielle L. Sarno	804