

## Research

### Acupuncture and Fertility

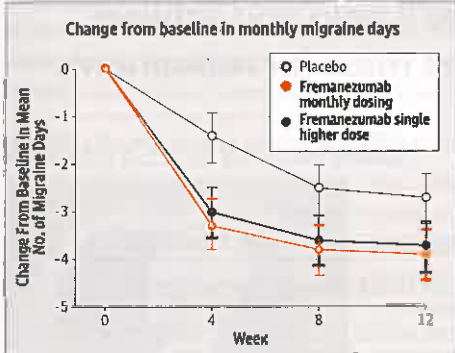
1990

Complementary therapies are widely used in conjunction with assisted reproductive technology. In a randomized trial that enrolled 848 women who were undergoing in vitro fertilization, Smith and colleagues found that acupuncture vs sham acupuncture at the time of ovarian stimulation and embryo transfer resulted in no significant difference in live birth rates.

CME [jamanetwork.com/learning](http://jamanetwork.com/learning)

### Fremanezumab for Preventing Episodic Migraine

1999



Fremanezumab is a treatment for episodic migraine that has a flexible dosing regimen and is typically administered as a monthly subcutaneous injection. Dodick and colleagues randomized 875 patients with episodic migraine and found that subcutaneous fremanezumab, compared with placebo, decreased the number of monthly migraine days over a 12-week period. In an Editorial, Loder and Robbins suggest that some patients with episodic

migraine may respond better than others to this new therapy.

Editorial 1985

CME [jamanetwork.com/learning](http://jamanetwork.com/learning)

### Medication Use by Children and Adolescents

2009

Trends in medication use may suggest that disease burden is shifting or that indications for prescribing have evolved. Hales and colleagues analyzed serial, cross-sectional surveys for 38 277 US children and adolescents and identified increases in the use of prescription medications for asthma, attention-deficit/hyperactivity disorder, and contraception, and decreases in the use of antibiotics and antihistamines. In an Editorial, Freed suggests that the reported decrease in antibiotic use is likely to reflect an improvement in care, especially for young children with viral respiratory illnesses.

Editorial 1988

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## Humanities

### Poetry and Medicine

2046 Quiet Moment on Night Call  
R DePew

### JAMA Revisited

2047 The Conscientious Objector

## Opinion

### Viewpoint

1975 Choosing Wisely Campaigns: A Work in Progress  
W Levinson, K Bom, and D Wolfson

1977 Adding Cost-effectiveness to Define Low-Value Care  
A Pandya

1979 Precision Medicine, Genome Sequencing, and Improved Population Health  
WG Feero, CA Wicklund, and D Veenstra

1981 In the Era of Precision Medicine and Big Data, Who Is Normal?  
AK Manrai, CJ Patel, and JPA Ioannidis

### A Piece of My Mind

1983 On the Origin of Our Family  
JM Nagata

### Editorial

1985 Monoclonal Antibodies for Migraine Prevention: Progress, but Not a Panacea  
EW Loder and MS Robbins

1988 Medication Prescribing for Children: Progress and Uncertainty  
GI Freed

## LETTERS

### Research Letter

2039 Changes in Electronic Cigarette Use Among Adults in the United States, 2014-2016  
W Bao and Coauthors

### Comment & Response

2041 Calcium and Vitamin D Supplements and Fractures in Community-Dwelling Adults

2044 Research on Underrepresented Populations

Editor in Chief  
Howard Bauchner, MD

134 YEARS  
OF CONTINUOUS  
PUBLICATION

## Research (continued)

### Colonoscopy Findings and Long-term Cancer Incidence **2021**

It is not clear how frequently patients with adenomas should have follow-up colorectal screening. In a prospective study of 15 935 participants enrolled in the Prostate, Lung, Colorectal, and Ovarian Cancer Trial and followed up for a median of 13 years, Click and colleagues found that participants with advanced adenoma, but not those with nonadvanced adenoma, were at increased risk of developing colorectal cancer.

## Clinical Review & Education

### Management of Bleeding in Patients Taking Oral Anticoagulants **2032**

In this JAMA Clinical Guidelines Synopsis of a 2017 guideline developed by the American College of Cardiology Foundation, Anderson and Cifu discuss the management of bleeding episodes in patients treated with direct oral anticoagulants or warfarin.

### Diagnosis $\alpha_1$ -Antitrypsin Deficiency **2034**



This JAMA Diagnostic Test Interpretation article by Hurley and O'Connor presents a 64-year-old man with emphysema and no history of smoking whose physician ordered a serum  $\alpha_1$ -antitrypsin level test. How would you interpret this test result?

### Abuse-Deterrent Opioids **2036**

Abuse-deterrent opioids are designed to be more difficult, less attractive, or less rewarding to use for nontherapeutic purposes. This Medical Letter on Drugs and Therapeutics discusses the testing and marketing of opioids formulated to deter abuse.



JAMA Patient Page  
**2054** Angioedema

## NEWS & ANALYSIS

### Medical News & Perspectives

**1969** Will Posting Nutritional Information on Menus Prod Diners to Make Healthier Choices?

**1971** The Mediterranean Diet's Fight Against Frailty

**1973** Global Health  
Hookworm Treatment Improves Physical Stamina of Female Farmers

Antibiotic Consumption Increasing Globally

WHO's Blueprint List of Priority Diseases

**1974** News From the FDA  
New Physician Requirements to Use Permanent Birth Control Device

Contact Lenses Adjust to Sunlight

A Mandate for Opioid Education?

## Online @ jama.com



### Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

### Genomics and Precision Health

A genomics glossary and related articles are available at jamagenetics.com.

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### Departments

**1957** Staff Listing

**2038** CME Questions

**2048** Classified Advertising

**2052** Journal Advertiser Index

**2053** Contact Information

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