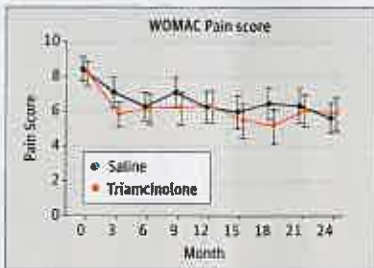


Research

Iron Repletion and Exercise Capacity in Patients With Heart Failure 1958

In patients with heart failure, iron deficiency is associated with reduced functional capacity, poor quality of life, and increased mortality. The results of intravenous iron repletion trials have been favorable, but treating patients with intravenous iron products is expensive and poses logistical challenges for outpatients. To learn whether oral iron would be beneficial for these patients, Lewis and colleagues randomized 225 patients with iron deficiency and heart failure with reduced left ventricular ejection fraction and found that high-dose oral iron did not improve exercise capacity over 16 weeks.

Treatment of Knee Osteoarthritis 1967



Intra-articular corticosteroids are administered to patients with osteoarthritis of the knee to suppress inflammation and prevent the destruction of cartilage; however, corticosteroid treatment has antianabolic effects on healthy cartilage and has been shown in some studies to be associated with adverse joint outcomes. In a randomized clinical trial of 140 patients treated with intra-articular triamcinolone acetonide vs saline, McAlindon and colleagues found that triamcinolone treatment resulted in greater cartilage volume loss and no significant difference in knee pain.

Author Video Interview jama.com CME jamanetwork.com/learning

Cardiovascular Mortality Among US Counties 1976

County-level differences in cardiovascular disease mortality rates can differ substantially from the national average and may have important implications for local and national health policy. Using validated small area estimation models to estimate county-level mortality rates from cardiovascular diseases in 3110 US counties, Roth and colleagues identified regional clusters of atrial fibrillation, aortic aneurysm, and endocarditis. In an Editorial, Mensah and colleagues note that adherence to effective clinical strategies is poor in many high-risk counties; they call for implementation research to facilitate the adoption of proven approaches to evaluation, prevention, and treatment.

Editorial 1955

CME jamanetwork.com/learning



Humanities

Poetry and Medicine
2022 Musician's Focal Dystonia
J White

JAMA Revisited
2023 The Supply of Doctors

Opinion

Viewpoint

1945 Reassessing the Data on Whether a Physician Shortage Exists
E Gudbranson, A Glickman, and EJ Emanuel

1947 Addressing the Physician Shortage: The Peril of Ignoring Demography
DG Kirch and K Petelle

1949 The US Preventive Services Task Force 2017 Draft Recommendation Statement on Screening for Prostate Cancer: An Invitation to Review and Comment
K Bibbins-Domingo, DC Grossman, and SJ Curry

1951 Replacing the Affordable Care Act: Lessons From Behavioral Economics
JS Skinner and KG Volpp

A Piece of My Mind

1953 Determination
BH Campbell

Editorial

1955 Cardiovascular Mortality Differences—Place Matters
GA Mensah, DC Goff, and GH Gibbons

LETTERS

Research Letter

2013 Postoperative Opioid Prescribing and the Pain Scores on Hospital Consumer Assessment of Healthcare Providers and Systems Survey
JS Lee and Coauthors

2015 Associations Between Hospital Characteristics, Measure Reporting, and the Centers for Medicare & Medicaid Services Overall Hospital Quality Star Ratings
JO DeLancey and Coauthors

Comment & Response

2017 Global Burden of Disease Attributable to Hypertension

2019 Intubation During In-Hospital Cardiac Arrest

2020 Legal Ramifications of Ambiguous Clinical Guidelines

2021 Correction

Editor in Chief
Howard Bauchner, MD

133 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Long-term Follow-up of Uveitis Therapies

1993

A randomized clinical trial of uveitis therapies found that a surgically placed intravitreal fluocinolone acetonide implant was superior to systemic immunosuppressive therapy for controlling inflammation, with no difference in visual acuity. To investigate whether local adverse effects associated with implant therapy might subsequently alter visual outcomes, the Multicenter Uveitis Steroid Treatment (MUST) Trial and Follow-up Study Research Group conducted an extended follow-up of this trial. By year 7, patients in the systemic therapy group had better visual acuity.

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

Clinical Review & Education

Sedation for Low-Risk Endoscopy

2006

Conscious sedation is safe for most patients undergoing endoscopy and is less expensive than deep sedation with monitored anesthesia. An article in *JAMA Internal Medicine* assessed recent trends in the use of monitored anesthesia for outpatient gastrointestinal endoscopy. In this From The JAMA Network article, Leung suggests that pain associated with gas insufflation of the colon may account for the increased use of monitored anesthesia and recommends less painful methods for distending the colon to visualize the mucosa.

Antithrombotic Therapy for Venous Thromboembolic Disease

2008

Treatment of venous thromboembolism has changed markedly over the last 4 years with the advent of non-vitamin K oral anticoagulants (NOACs). In this JAMA Clinical Guidelines Synopsis article discussing the update of the American College of Chest Physicians ninth edition guidelines for antithrombotic therapy and prevention of thrombosis, Jain and Cifu address the role of NOACs and provide new recommendations for management of subsegmental pulmonary embolism and cancer-associated venous thrombosis.

From The Medical Letter: Drugs for Head Lice

2010

This *Medical Letter on Drugs and Therapeutics* article compares the safety and efficacy of several treatments for head lice infestation.



JAMA Patient Page

2028 Reducing Risk of Dementia in Older Age

NEWS & ANALYSIS

Medical News & Perspectives

1937 A Day in the Life: NICU Medical Director Tends to Infants With Neonatal Abstinence Syndrome

The JAMA Forum

1939 Hunger, Health, and Compassion

1941 Global Health

Scarcity of Safe Water a Looming Threat to Children

Freeze-dried Rotavirus Vaccine Shows Promise

Massive Polio Vaccination Drive in African Nations

1942 News From the FDA

Tardive Dyskinesia Drug Approved

Digitized Surgical Slides

A First in HCV Drugs for Youths

[Online @jama.com](http://Online@jama.com)



Editor's Audio Summary

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

Author Interview

VIDEO Interview with Timothy E. McAlindon, DM, MPH, author of "Effect of Intra-articular Triamcinolone vs Saline on Knee Cartilage Volume and Pain in Patients With Knee Osteoarthritis: A Randomized Clinical Trial"

Genomics and Precision Health

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

JAMA Clinical Reviews

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