

Research

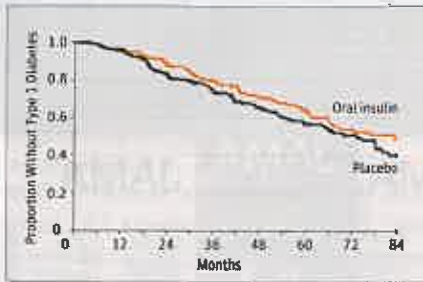
Sertraline for Depression in Chronic Kidney Disease 1876

Selective serotonin reuptake inhibitors, such as sertraline, may be less effective in patients with chronic medical conditions than in the general population. In a randomized trial of 201 patients with non-dialysis-dependent chronic kidney disease (CKD) and major depressive disorder, Hedayati and colleagues found that treatment with sertraline compared with placebo did not significantly improve depressive symptoms. In an Editorial, Walther and colleagues recommend that therapies found to be effective in the general population should also be tested in patients with CKD before clinicians can be confident of benefit.

Editorial 1873

CME jamanetwork.com/learning

Oral Insulin for the Prevention of Type 1 Diabetes 1891



Studies have suggested that treatment with oral insulin might slow the progression of type 1 diabetes. Krischer and colleagues randomized 389 participants with at least 2 autoantibodies and normal glucose tolerance and found that oral insulin, compared with placebo, did not delay or prevent the development of abnormal glucose tolerance.

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Treatments for Malignant Pleural Effusion 1903

Treatments for malignant pleural effusion can relieve symptoms but require hospital attendance and invasive pleural procedures. In a randomized trial of 146 patients with symptomatic malignant pleural effusion, Thomas and colleagues found that treatment with an indwelling pleural catheter vs talc pleurodesis resulted in fewer hospitalization days from treatment to death, but no differences in breathlessness or quality of life.



Humanities

Poetry and Medicine
1938 Post Vitreous Detachment
J Skillman

JAMA Revisited
1939 The Soldiers' and Sailors' Insurance Law

Opinion

Viewpoint

1859 The Evolution of Patient Diagnosis: From Art to Digital Data-Driven Science
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PB Bach, SA Giral, and LB Saltz

1863 Measuring the Burden of Health Care Costs on US Families: The Affordability Index
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1865 Addressing Population Health: Integrators in the Accountable Health Communities Model
A Billieux, PH Conway, and DE Ailey

A Piece of My Mind

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U Reinhardt

1871 Challenges in Measuring the Affordability of US Health Care
J Antos and JC Capretta

1873 Treating Depression in Patients With Advanced CKD: Beyond the Generalizability Frontier
CP Walther, AA Shah, and WC Winkelmayr

1875 Firearm-Related Injury and Death: A US Health Care Crisis in Need of Health Care Professionals
DB Taichman and Coauthors

LETTERS

Research Letter

1931 Trends in Emergency Department Visits for Nonfatal Self-inflicted Injuries Among Youth Aged 10 to 24 Years in the United States, 2001-2015
MC Mercado and Coauthors

Comment & Response

1933 Consequences of Reductions in Hospital Readmissions

1935 Patient-Reported Symptom Monitoring During Chemotherapy

1936 Medical Device Identification in Claims Data

1937 Correction

Editor In Chief
Howard Bauchner, MD

134 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Predictive Value of Cardiac Troponin I 1913

Cardiac troponin assays are performed to rule out myocardial infarction in patients with suspected acute coronary syndrome. Chapman and colleagues conducted a systematic review of the performance of the cardiac troponin I assay across a range of troponin concentrations and concluded that a high-sensitivity cardiac troponin I concentration less than 5 ng/L identified patients at low risk of myocardial infarction or cardiac death within 30 days.

Clinical Review & Education

Genetic Proxies for the Risk of Disease 1925

In observational studies of disease outcomes, genetic variation can be analyzed to control for confounding. In this JAMA Guide to Statistics and Methods, Emdin and colleagues discuss the strengths and limitations of this technique.

■ Author Audio Interview jama.com CME jamanetwork.com/learning

Improving the Quality of Health Care for Veterans 1927

A recent article in *JAMA Internal Medicine* compared the performance of US Department of Veterans Affairs (VA) hospitals with that of non-VA hospitals using Centers for Medicare & Medicaid Services Hospital Compare data. In this From the JAMA Network article, Atkins and Clancy discuss the VA's systematic emphasis on improving the health care of its patients.

Pancreatic Enzyme Replacement Products 1929

This Medical Letter on Drugs and Therapeutics discusses the use of pancreatic enzyme replacement products to improve digestion in patients with exocrine pancreatic insufficiency, a complication of illnesses such as chronic pancreatitis or cystic fibrosis.



JAMA Patient Page
1945 Treatments for Food Allergies

NEWS & ANALYSIS

Medical News & Perspectives

1853 Loneliness Might Be a Killer, but What's the Best Way to Protect Against It?

The JAMA Forum

1855 Building Blocks for Addressing Social Determinants of Health

1857 Global Health

Two Southeast Asian Countries Eliminate Trachoma

High Mercury Levels Found in Women Around the World

Child Mortality Rates Decrease in India

1858 News From the FDA

Relief for Central Sleep Apnea

Twice the Power in New MRI

Eye Tracking in Surgical Robotics

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Editor's Audio Summary

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

Author Interview



AUDIO Interview with Sekar Kathiresan, MD, coauthor of "Mendelian Randomization"

JAMA Network Audio

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