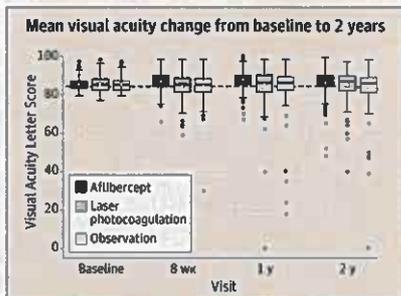


Research

Clinical Management of Diabetic Macular Edema

1880



The best approach to treating patients with diabetic macular edema involving the center of the macula but with good visual acuity is unknown. Baker and colleagues randomized 702 patients and found no significant difference in vision loss at 2 years for patients treated with aflibercept, laser photocoagulation, or observation followed by treatment with aflibercept only if visual acuity worsened. In an Editorial, Chew suggests that

delaying therapy would reduce health care costs and allow many patients to avoid having intraocular injections.

Editorial 1873

Visual Abstract jama.com

Lipids and Apolipoprotein B in US Youths

1895

Adverse levels of lipids and apolipoprotein B in childhood are associated with early evidence of atherosclerosis. Perak and colleagues analyzed serial cross-sectional surveys of US population-weighted data for 26 047 respondents and observed favorable trends in lipids and apolipoprotein B for US youths aged 6 to 19 years.

Air Quality and Incident Asthma

1906

It is well-established that air pollution can trigger asthma attacks, but it is uncertain whether exposure to specific pollutants is associated with the development of childhood asthma. Garcia and colleagues followed 4140 elementary school children during a period of improved air quality in Southern California and found that decreases in ambient nitrogen dioxide and particulate matter less than 2.5 μm were associated with a lower incidence of asthma. In an Editorial, Thurston and Rice suggest that decisions about environmental policy should be based on scientific evidence of benefit and harm.

Editorial 1875

CME jamanetwork.com/learning



Humanities

Poetry and Medicine

1940 One Syllable

J Dunlop

JAMA Revisited

1941 Minor Comments

Opinion

Viewpoint

1863 Counteracting Health Misinformation: A Role for Medical Journals?

PW Armstrong and CD Naylor

1865 Measuring What Matters in Diabetes

R Rodriguez-Gutierrez and RG McCoy

1867 Resurgence in Diabetes-Related Complications

EW Gregg, I Hora, and SR Benoit

1869 Direct-to-Consumer Genetic Testing and Potential Loopholes in Protecting Consumer Privacy and Nondiscrimination

RM Hendricks-Sturup, AER Prince, and CY Lu

A Piece of My Mind

1871 Systole and Diastole, Strength and Openness

CM Farrell

Editorial

1873 Patients With Good Vision and Diabetic Macular Edema Involving the Center of the Macula: To Treat or Not to Treat?

EY Chew

1875 Air Pollution Exposure and Asthma Incidence in Children: Demonstrating the Value of Air Quality Standards

GD Thurston and MB Rice

1877 Life and Death in Norway and the United States

DM Cutler

LETTERS

Research Letter

1933 Trends in Incidence and Stage at Diagnosis of Colorectal Cancer in Adults Aged 40 Through 49 Years, 1975-2015

RGS Meester and Coauthors

Comment & Response

1934 Meta-analysis of Opioids for Chronic Pain

1937 Self-medication as Part of Self-management Plans for Patients With COPD

1937 Need for Randomized Trials to Support Procedural Interventions

1939 Correction

Editor in Chief
Howard Bauchner, MD

135 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Household Income, Life Expectancy, and Mortality 1916

Associations of income and life expectancy may be attributable to differences in access to health care, behavioral risk factors, neighborhood characteristics, and social stress. Kinge and colleagues conducted a registry-based study of all 3 041 828 Norwegian residents aged 40 years and older and observed substantial and increasing gaps in life expectancy associated with income from 2005 to 2015. In an Editorial, Cutler comments that in Norway and the United States, residents at every level of income live longer on average than residents at the next lower income level.

Editorial 1878

CME jamanetwork.com/learning

Clinical Review & Education

CLINICAL UPDATE

Metformin for Type 2 Diabetes 1926

Metformin is the first-line pharmacologic treatment for patients with type 2 diabetes. This JAMA Insights article by Flory and Lipska discusses the efficacy and safety for this widely used therapeutic agent.

Thyroid Disease in Pregnancy and the Postpartum Period 1928

In this JAMA Clinical Guidelines Synopsis of a 2017 guideline developed by the American Thyroid Association, Dickens and colleagues discuss the clinical management of women with thyroid disease during pregnancy and the postpartum period.

A Woman With Fever, Rash, and Migratory Polyarthralgias 1930



This JAMA Clinical Challenge by Gaston and colleagues presents a 24-year-old farm worker with persistent fever, migratory polyarthralgias, and a truncal rash that spread to her palms and soles. What would you do next?



JAMA Patient Page

1946 Epiglottitis

NEWS & ANALYSIS

Medical News & Perspectives

1857 Does Skipping Breakfast Lead to Weight Loss or Weight Gain?

1858 A Day in the Life: Adventures of a Wilderness Medicine Physician

1861 Global Health

Huge Swath of North Korea Faces the Threat of Hunger

Water and Sanitation Deficits Take a Toll in Armed Conflict Regions

Sky-High Mortality Rates from Cesarean Delivery in Africa

1862 News From the FDA

Two-Drug Regimen for HIV

Precision Approach to Bladder Cancer

Caution With New Osteoporosis Drug

Online @ jama.com



Editor's Audio Summary

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

CME Credit

Earn CME credit by reading CME-designated articles in this issue and taking the quiz online. CME quizzes are available by topic, by date, and by US state requirements at edhub.ama-assn.org/jn-learning.

Author Audio Interview



David M. Cutler, PhD, author of "Life and Death in Norway and the United States"

JAMA Network Collections

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