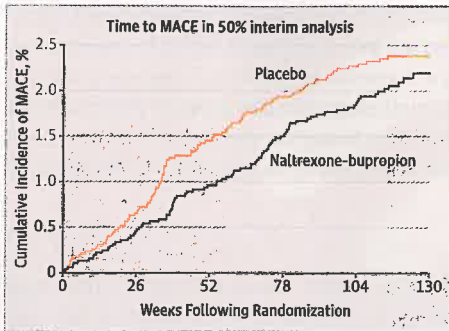


Research

Naltrexone-Bupropion Treatment of Obesity and MACE 990



Two previously marketed obesity drugs—fenfluramine and sibutramine—were withdrawn after evidence of cardiovascular harm emerged. Nissen and colleagues assessed whether obesity treatment with naltrexone-bupropion increases major adverse cardiovascular events (MACE) in a randomized, placebo-controlled noninferiority trial that enrolled 8910 overweight or obese patients.

The authors report results of interim analyses performed after accrual of 25% and 50% of expected MACE, which found that the risk estimate for MACE did not exceed the prespecified noninferiority boundary; however, because of unanticipated early termination of the trial, the cardiovascular safety of the treatment remains uncertain. In an Editorial, Sharfstein and Psaty discuss the evaluation of the cardiovascular safety of naltrexone-bupropion treatment of obesity.

➔ Editorial 984 Related Article 1046

➤ Continuing Medical Education jamanetworkcme.com

Vitamin D Supplementation for Symptomatic Knee Osteoarthritis 1005

Observational studies suggest vitamin D supplementation is associated with beneficial effects on knee osteoarthritis (OA). In a randomized, double-blind trial that enrolled 413 patients with symptomatic knee OA and low serum 25-hydroxyvitamin D levels, Jin and colleagues found that compared with placebo, vitamin D supplementation did not result in significant differences in the change in tibial cartilage volume or knee pain score over 2 years.

Risk Score for Persistent Postconcussion Symptoms in Children 1014

Persistent postconcussion symptoms (PPCS) occur in approximately one-third of children who experience a concussion. In an analysis of data from 3063 children aged 5 up to 18 years who presented to an emergency department with acute concussion, Zemek and colleagues derived and validated a clinical risk score for PPCS. The authors report the risk score had modest discrimination to stratify patients at risk of PPCS 28 days after head injury. In an Editorial, Babcock and Kurowski discuss identification of children at risk for PPCS.

➔ Editorial 987

➤ Continuing Medical Education jamanetworkcme.com



Humanities

The Art of JAMA
964 *Pinkerton Riot, Pittsburgh, 1948.*
Raymond Simboli (1894-1964).

Poetry and Medicine
1058 *The Floater*

JAMA Revisited
1059 Principles Underlying the Classification of Diseases of the Nervous System

Opinion

Viewpoint

977 A Public Health Framework for Screening Mammography: Evidence-Based vs Politically Mandated Care
KW Lin and LO Gostin

979 The Ethical Challenges of Compassionate Use
AL Caplan and A Ray

981 Immunization Policy and the Importance of Sustainable Vaccine Pricing
HC Meissner

A Piece of My Mind

983 Where Do You Put the Pain?
A-L Bredlau

Editorial

984 Evaluation of the Cardiovascular Risk of Naltrexone-Bupropion: A Study Interrupted
JM Sharfstein and BM Psaty

987 Identifying Children and Adolescents at Risk for Persistent Postconcussion Symptoms
L Babcock and BG Kurowski

989 Medical Education Theme Issue 2016: Call for Papers
RM Golub

LETTERS

Research Letter

1051 Privacy Policies of Android Diabetes Apps and Sharing of Health Information
SR Blenner and Coauthors

Comment & Response

1052 Laparoscopic Lavage vs Primary Resection for Perforated Diverticulitis

1054 Radiation With or Without Androgen Deprivation Therapy for Localized Prostate Cancer

1056 Targeted Text Messaging Support for Patients With Coronary Heart Disease

1057 Correction

Editor in Chief
Howard Bauchner, MD

132 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Hypertensive Disorders of Pregnancy and Cardiomyopathy Risk 1026

Hypertensive disorders of pregnancy, particularly preeclampsia, are associated with an increased risk of cardiomyopathy during the peripartum period—from the last month of pregnancy through 5 months after delivery. In a cohort study involving more than 1 million Danish women, Behrens and colleagues found that women with a history of hypertensive disorders of pregnancy, compared with women without such a history, have a small increased risk of cardiomyopathy, which persists beyond the peripartum period.

Clinical Review & Education

Glycemic Control in Older Adults With Type 2 Diabetes 1034

Few older adults with type 2 diabetes are enrolled in randomized trials of glucose-lowering medications, leading to substantial uncertainty about optimal glycemic control for this patient population. Lipska and colleagues reviewed the existing evidence on the benefits and harms of intensive vs standard glycemic control targets for older patients. The authors present an approach to help patients and clinicians reach individualized treatment goals.

➤ Author Audio Interview jama.com Continuing Medical Education jamanetworkcme.com

Time-to-Event Analysis 1046

In many clinical studies, an outcome of interest is the time interval between the initiation of treatment and the occurrence of an adverse event. This JAMA Guide to Statistics and Methods article by Tolles and Lewis discusses the use of time-to-event analysis in clinical trials, statistical methods for analyses, and considerations for interpreting results.

📖 Related Article 990

Prevention, Diagnosis, Treatment of Postthrombotic Syndrome 1048

Postthrombotic syndrome (PTS) may occur in 20% to 50% of patients with a deep venous thrombosis. This JAMA Clinical Guidelines Synopsis by Jain and Cifu summarizes an American Heart Association scientific statement: The Postthrombotic Syndrome: Evidence-Based Prevention, Diagnosis, and Treatment Strategies. Prevention and treatment strategies considered in the evidence review include elastic compression stockings, low-molecular-weight heparin, new oral anticoagulants, and compression dressings and pentoxifylline for treatment of venous ulcers.

Online @ jama.com



Editor's Audio Summary

Edward H. Livingston, MD, summarizes and comments on this week's issue.

JAMA Clinical Reviews Podcasts

Listen to the JAMA Clinical Reviews podcasts, featuring comprehensive reviews of common clinical topics, available at itunes.com/jamanetwork.

Author Interview

VIDEO Interview with Lynn Babcock, MD, MS, author of "Identifying Children and Adolescents at Risk for Persistent Postconcussion Syndrome"

AUDIO Interview with Kasia J. Lipska, MD, MHS, author of "Polypharmacy in the Aging Patient: Glycemic Control in Older Adults With Type 2 Diabetes: A Review"



JAMA Patient Page 1068 Herbal Medications

NEWS & ANALYSIS

Medical News & Perspectives

967 Pediatrician Sees Long Road Ahead for Flint After Lead Poisoning Crisis

970 Capitol Health Call

Problems in Tracking Safety of Medical Devices

Senator Criticizes FDA Delays in Approving Generic Drugs

FDA Fails to Adequately Track Safety of Expedited Drugs

Improving Medicaid Access for Former Foster Youth

971 News From the CDC

When Patients Are Close-Lipped About Memory Problems

Call for Stepped-up Research on Antidepressant Use During Pregnancy

Departments

961 Staff Listing

1050 CME Questions

1060 JAMA Network Abstracts

1062 Classified Advertising

1066 Journal Advertiser Index

1067 Contact Information

Instructions for Authors

jama.com/public/instructionsforauthors.aspx