

In This Issue: March 17, 2020

Research

PRELIMINARY COMMUNICATION

1052 Effect of a Machine Learning-Derived Early Warning System for Intraoperative Hypotension vs Standard Care on Depth and Duration of Intraoperative Hypotension During Elective Noncardiac Surgery: The HYPE Randomized Clinical Trial

M Wijnberge and Coauthors

This unblinded randomized trial compares the effect of a machine learning-derived system that uses arterial waveform information to predict cardiovascular decompensation vs standard monitoring by anesthesiologists on the depth and duration of intraoperative hypotension in patients undergoing elective noncardiac surgery.

Editorial **1043**

 Visual Abstract

ORIGINAL INVESTIGATION

1061 Clinical Characteristics of 138 Hospitalized Patients With 2019 Novel Coronavirus-Infected Pneumonia in Wuhan, China

D Wang and Coauthors

This single-center case series describes the demographics, symptoms, laboratory and imaging findings, treatment, and clinical course of 138 patients hospitalized with 2019 novel coronavirus (2019-nCoV)-infected pneumonia (NCIP) in Wuhan, China, highlighting presumed human-to-human hospital-associated transmission in many cases.

Viewpoint **1039**

Related Article **1092**

 Audio | Video | CME

1070 Association Between Surgical Approach and Major Surgical Complications in Patients Undergoing Total Hip Arthroplasty

D Pincus and Coauthors

This cohort study uses Ontario administrative data to estimate the risk of complications associated with posterior or lateral vs anterior surgical approaches to total hip replacement arthroplasty.

Editorial **1046**

Related Article **1077**

 CME

1077 Association Between Uncemented vs Cemented Hemiarthroplasty and Revision Surgery Among Patients With Hip Fracture

K Okike and Coauthors

This cohort study compares the rate of aseptic revision among patients with hip fracture undergoing cemented vs uncemented hemiarthroplasty in a large US integrated health care system.

Editorial **1046**

Related Article **1070**

Opinion

VIEWPOINT

1035 The Evolution of Schools of Thought in Medicine: Healthy Tensions

CD Naylor

Viewpoint **1037**

 Audio

1037 What Does It Mean to Be a Physician?

TL Schwenk

Viewpoint **1035**

1039 2019 Novel Coronavirus—Important Information for Clinicians

C del Rio and PN Malani

Related Articles **1061** and **1092**

 Audio | Video

A PIECE OF MY MIND


1041 How Becoming a Doctor Made Me a Worse Listener

AL Goss

In this narrative medicine essay, a former National Public Radio reporter turned neurologist regrets time and attention she once had to show interest in and learn about people and tells how she's adapted to retain a small measure of that reporter's curiosity in her interactions with patients.


 Online at JAMA.com


MULTIMEDIA

 **Editor's Audio Summary:** Listen as editors discuss this week's issue

 **Audio:** Nathan Pritikin and His Diet

 **Audio:** Dr Anthony Fauci: What Clinicians Need to Know About Coronavirus (CME)


 **Audio:** Who Was Nathan Pritikin and Why Is There a Diet Named After Him?

 **Audio:** COVID-19 Update From China

 **Author Audio Interview:** The Evolution of Schools of Thought in Medicine

 **Summary Video:** COVID-19 Update From China

INSTRUCTIONS FOR AUTHORS

 jamanetwork.com/pages/for-authors

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Editor in Chief
Howard Bauchner, MD

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EDITORIAL

1043 Randomized Clinical Trials of Artificial Intelligence

DC Angus

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1046 Controversies in Hip Arthroplasty: Using Registries to Answer Difficult Questions

BR Hallstrom and RE Hughes

Related Articles [1070](#) and [1077](#)

1049 Health Care Is a Right and Not a Privilege

H Bauchner and PB Fontanarosa

1050 A Disclosure Form for Work Submitted to Medical Journals: A Proposal From the International Committee of Medical Journal Editors

DB Taichman and Coauthors

Clinical Review & Education

JAMA GUIDE TO STATISTICS AND METHODS

1085 Explaining Health State Utility Assessment

EM Chang, CS Saigal, and AC Raldow

This JAMA Guide to Statistics and Methods reviews how health state utility assessment can be used to calculate quality-adjusted life-years, a patient-specific measure of preference for health outcomes that incorporates quantity and quality of life.

JAMA INSIGHTS

1087 Preventing Surgical Site Infections: Looking Beyond the Current Guidelines

AC Fields, JC Pradarelli, and KMF Itani

This JAMA Insights Clinical Update summarizes current guidelines for prevention of surgical site infections and discusses emerging prevention strategies, such as preoperative bowel preparation and negative-pressure wound therapy, that are challenging longstanding surgical practices.

1089 Genetic Ancestry Testing: What Is It and Why Is It Important?

LB Jorde and MJ Bamshad

This Genomics and Precision Health article explains how genetic testing is used to identify the probable geographic origins of one's ancestors and how it can aid in risk assessment for some heritable conditions, and summarizes the contexts in which its information provides clinically relevant information.

 Available online

jama.com

JAMA PATIENT PAGE

1104 The Pritikin Diet

Z Li and D Heber

This JAMA Patient Page describes the Pritikin diet and its potential benefits and risks.

 Audio

News & Analysis

MEDICAL NEWS & PERSPECTIVES

1029 The Low-FODMAP Diet Helps IBS Symptoms, but Questions Remain

A Slomski

This Medical News article discusses the best studied IBS dietary treatment. There's evidence it works, but its implementation can be tricky and its long-term effects aren't well-known.

THE JAMA FORUM

1031 How Not to Spend an Opioid Settlement

JM Sharfstein and Y Olsen

GLOBAL HEALTH

1033 Hong Kong Unrest Contributes to Increased Mental Health Care Burden

1033 International Measles Vaccination Campaign to Reach Millions

1033 Guided Self-help Program May Help Refugees in Distress

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POETRY AND MEDICINE

1100 Rupture

D McAbee

JAMA REVISITED

1101 The Physiologic Significance of a Record Aeroplane Flight

Letters

RESEARCH LETTER

1092 Epidemiologic and Clinical Characteristics of Novel Coronavirus Infections Involving 13 Patients Outside Wuhan, China

D Chang and Coauthors

This case series uses patient hospital data to summarize the clinical presentation and laboratory and imaging findings of 13 patients with confirmed 2019-nCoV infection admitted to hospitals in Beijing in January 2020.

Viewpoint [1039](#)

Related Article [1061](#)

 Audio | Video

1093 Return on Investment From Co-locating Tax Assistance for Low-Income Persons at Clinical Sites

S Black and Coauthors

This study characterizes net dollars low-income persons received from participation in tax preparation services co-located at clinical sites in New York City intended to maximize credits and reduce poverty.

COMMENT & RESPONSE

Measuring vs Estimating LDL-C Levels in a Clinical Trial of Bempedoic Acid

1095 H-G Xu and S Pan

In Reply

1095 AC Goldberg, JC Hanselman, and PB Duell

Bisphosphonates for Osteopenia in Postmenopausal Women

1096 S Snyder

In Reply

1096 KE Ensrud and CJ Crandall

Treatment of Older Adults With Subclinical Hypothyroidism

1097 JM Hershman

In Reply

1097 SP Mooijaart and RS Du Puy