

## Research

### Effect of Abaloparatide on Risk of Fracture 722

In a randomized, placebo- and active-controlled trial involving 2463 postmenopausal women with osteoporosis, Miller and colleagues compared treatment with subcutaneous abaloparatide—a novel selective activator of the parathyroid hormone type 1 receptor—with placebo or open-label teriparatide for the prevention of new vertebral fractures. The authors report that compared with placebo, use of abaloparatide reduced the risk of new vertebral and nonvertebral fractures over 18 months. In an Editorial, Cappola and Shoback discuss treatment to reduce fracture risk among postmenopausal women.

**Editorial 715**

**Author Video Interview [jama.com](http://jama.com) [CME.jamanetworkcme.com](http://CME.jamanetworkcme.com)**

### Expanded Carrier Screening to Identify Risk of Genetic Disease 734

Genetic testing of prospective parents to detect carriers of inherited recessive diseases has been based in part on self-reported racial and ethnic background. Haque and colleagues assessed the performance of expanded carrier screening in a retrospective cohort of 346 790 adults of diverse racial and ethnic backgrounds and without known indication for genetic testing. The authors found that compared with current recommendations, expanded (pan-ethnic) carrier screening may increase the detection of carrier status for potentially serious genetic conditions. In an Editorial, Grody discusses a cautious approach to advances in prenatal genetic testing.

**Editorial 717**

### Economics of PCSK9 Inhibitor Therapy 743

Using a simulation model of cardiovascular disease in US adults, Kazi and colleagues estimated the cost-effectiveness of adding proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitor therapy to current statin therapy for patients with heterozygous familial hypercholesterolemia or atherosclerotic cardiovascular disease. The authors found that the addition of PCSK9 inhibitor therapy to statins would prevent major adverse cardiovascular events; however, assuming 2015 prices, PCSK9 inhibitor use in these patient populations did not meet the generally acceptable incremental cost-effectiveness threshold of \$100 000 per quality-adjusted life-year.

**CME [jamanetworkcme.com](http://jamanetworkcme.com)**

## Opinion

### Viewpoint

**705 The ACO Experiment in Infancy—Looking Back and Looking Forward**  
ES Fisher and Z Song

**707 Reassessing ACOs and Health Care Reform**  
KA Schulman and BD Richman

**709 Low-Dose Aspirin in the Primary Prevention of Cardiovascular Disease: Shared Decision Making in Clinical Practice**  
S Mora, JM Ames, and JE Manson

**711 Vital Directions for Health and Health Care: An Initiative of the National Academy of Medicine**  
VJ Dzau, M McClellan, and JM McGinnis

### A Piece of My Mind

**713 A Wild Rotation**  
GD Evrony

### Editorial

**715 Osteoporosis Therapy in Postmenopausal Women With High Risk of Fracture**  
AR Cappola and D Shoback

**717 Where to Draw the Boundaries for Prenatal Carrier Screening**  
WW Grody

**720 Introducing JAMA Professionalism**  
EH Livingston, S Ginsburg, and W Levinson

## LETTERS

### Research Letter

**769 Tube Feeding in US Nursing Home Residents With Advanced Dementia, 2000-2014**  
SL Mitchell and Coauthors

### Comment & Response

**770 Pain and Physical Function Following Bariatric Surgery**

**771 Secondary Infection in Patients With Sepsis**

**772 Dexmedetomidine to Reduce Intubation Time in Patients With Agitated Delirium**

**774 Prescribing Opioids for Chronic Pain**

**775 Correction**



## Humanities

**The Art of JAMA**  
**694 Face Mask, 1981.**  
Bruce Nauman (1941– )

**Poetry and Medicine**  
**776 Janus**

**JAMA Revisited**  
**777 Senile Osteoporosis of the Spinal Column**

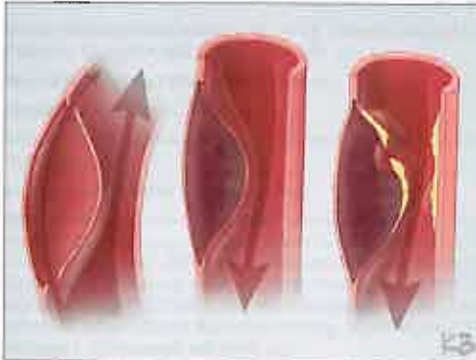
Editor in Chief  
Howard Bauchner, MD

**133 YEARS**  
OF CONTINUOUS  
PUBLICATION

## Clinical Review & Education

### Acute Aortic Dissection and Intramural Hematoma

754



Acute aortic syndromes, including aortic dissection and intramural hematoma, are uncommon but potentially fatal. Mussa and colleagues report results of a systematic review of the evidence from 2 randomized trials and 80 prospective cohort studies (57 311 patients) relating to the diagnosis and treatment of acute aortic syndromes. The diagnosis should be considered in patients presenting with

acute chest or back pain and hypertension. Computed tomography, magnetic resonance imaging, and transesophageal echocardiography are reliable tools for diagnosis. Dissection or intramural hematoma of the ascending aorta requires open surgical repair. For acute aortic syndromes in the descending aorta, the data suggest that early mortality is lower with medical or endovascular management compared with open surgery.

[CME jamanetworkcme.com](#)

### Disclosure of Adverse Events

764

This inaugural article in a new JAMA series, JAMA Professionalism, considers the professional responsibility to disclose medical errors to patients. Levinson and Ginsburg present a case in which a dermatologist performed skin biopsy procedures on 2 patients and shortly thereafter discovered the biopsy instruments used had not been sterilized. What should the physician tell the patients? An Editorial by Livingston and colleagues introduces the article series and highlights the multifaceted nature of medical professionalism—a learned competency developed over time and refined with practice.

[Editorial 720](#) [Related Article 698](#)

[CME jamanetworkcme.com](#)

### From The Medical Letter: Insect Repellents

766

Use of insect repellents is recommended to prevent mosquito-borne and tickborne diseases. This *Medical Letter on Drugs and Therapeutics* article summarizes information about commonly available insect repellents, including their efficacy, associated adverse effects, and safety when used on children or during pregnancy.

[Online @ jama.com](#)



#### Editor's Audio Summary

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



#### JAMA Professionalism

Listen to Dr Levinson and other experts discuss the disclosure of medical errors in context of the case in this issue at [jama.com](#).

#### Author Interview

**VIDEO** Interview with Paul D. Miller, MD, author of "Effect of Abaloparatide vs Placebo on New Vertebral Fractures in Postmenopausal Women With Osteoporosis: A Randomized Clinical Trial"

#### The JAMA Forum

Insightful commentary on the political aspects of health care from leading health economists, health policy experts, and legal scholars



#### JAMA Patient Page

**782** Dietary Guidelines for Americans—Eat Less Salt

#### NEWS & ANALYSIS

##### Medical News & Perspectives

**698** Headline-Grabbing Study Brings Attention Back to Medical Errors

##### The JAMA Forum

**700** Place Matters for Tobacco Control

##### 702 Global Health

Upsurge in Cases of Cutaneous Leishmaniasis in Syria

Disparities in HPV Vaccination Programs Worldwide

More Insights Into Zika Virus Infection and Birth Outcomes

##### 703 News From the FDA

Regulating Genetic Tests

New Drug Targets All 6 HCV Types

Assay Detects Drug-Resistance Genes

#### Departments

**689** Staff Listing

**768** CME Questions

**778** Classified Advertising

**780** Journal Advertiser Index

**781** Contact Information

#### Instructions for Authors

[jama.com/public](#)

[/Instructionsforauthors.aspx](#)