

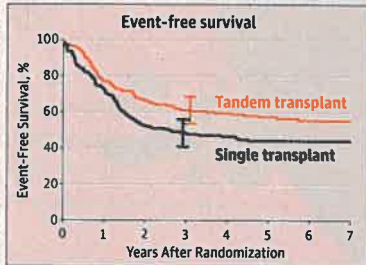
## Research

### High-Dose Vitamin D Supplementation and Bone Health 736

Some adults consume high daily doses of vitamin D despite the lack of evidence for a beneficial effect. Burt and colleagues randomized 311 nonosteoporotic community-dwelling healthy adults and found that treatment with vitamin D for 3 years at a dose of 4000 IU/d or 10 000 IU/d, compared with 400 IU/d, resulted in lower radial volumetric bone density.

Visual Abstract [jama.com](http://jama.com)

### Autologous Stem Cell Transplantation for Neuroblastoma 746



Intensification of consolidation therapy using sequential autologous transplant after induction therapy may improve outcomes in patients with high-risk neuroblastoma. Park and colleagues randomized 652 patients with high-risk neuroblastoma and found that sequential transplant, compared with single transplant, resulted in a significantly higher rate of event-free survival.

In an editorial, Bagatell and Irwin suggest that future trials may determine which types of patients respond well to specific therapies.

Editorial [729](#)

Visual Abstract [jama.com](http://jama.com)

### Educational Attainment and Causes of Death 756

Mortality and adult life expectancy are associated with income and educational attainment. Sasson and Hayward conducted a serial cross-sectional study of 4 690 729 US deaths in 2010 and 2017 and found that estimated life expectancy at age 25 years increased among college-educated individuals but declined among those without a 4-year college degree.

CME [jamanetwork.com/learning](http://jamanetwork.com/learning)

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### Editorial

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R Bagatell and MS Irwin

**732** Reporting and Interpretation of Randomized Clinical Trials  
H Bauchner, RM Golub, and PB Fontanarosa

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NS Shah and Coauthors

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**784** Nutrition Education in Medical Training

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Editor in Chief  
Howard Bauchner, MD

**136 YEARS**  
OF CONTINUOUS  
PUBLICATION



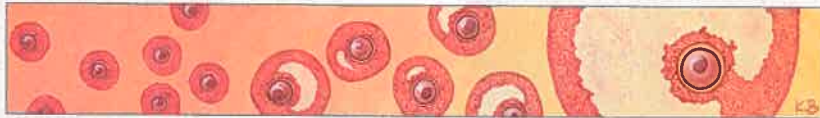
## Clinical Review & Education

### Systemic Therapy for Non-Small Cell Lung Cancer 764

Biomarker-targeted therapies have improved overall survival for patients with advanced and metastatic lung cancer. Arbour and Riely discuss the pathologic evaluation of non-small cell lung cancer and current approaches to systemic therapy.

**CME** [jamanetwork.com/learning](http://jamanetwork.com/learning)

### Timing the Onset of Menopause 775



The decline of ovarian function can affect decisions about contraception and bothersome menstruation. This JAMA Insights article by Santoro and Johnson discusses clinical criteria and biomarkers for timing the menopausal transition.

**Author Audio Interview** [jama.com](http://jama.com)

### Early Treatment of Acute Ischemic Stroke 777

In this JAMA Clinical Guidelines Synopsis of a 2018 guideline developed by the American Heart Association and the American Stroke Association, Brorson and Cifu discuss the emergency management of patients who have symptoms of acute ischemic stroke.



**JAMA Patient Page**  
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### Editor's Audio Summary

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

### Visual Abstract

"Effect of High-Dose Vitamin D Supplementation on Volumetric Bone Density and Bone Strength: A Randomized Clinical Trial" and "Effect of Tandem Autologous Stem Cell Transplantation vs Single Transplantation on Event-Free Survival in Patients With High-Risk Neuroblastoma: A Randomized Clinical Trial"

### 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 [jamanetwork.com/learning](http://jamanetwork.com/learning).

### Author Audio Interview



Alexandra Glazier, JD, MPH, author of "Success of Opt-In Organ Donation Policy in the United States"

### Author Audio Interview



Nanette Santoro, MD, author of "Diagnosing the Onset of Menopause"

### Audio

JAMA Medical News Roundup: August 2019

