

## Research

### Comparison of Prosthetic Aortic Valves

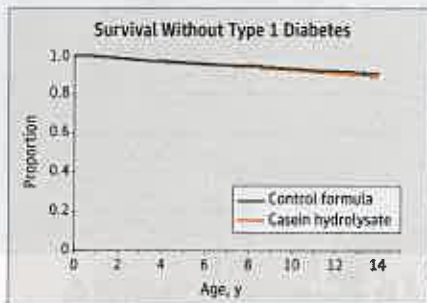
27

The mechanically expanded valve was designed to avoid malposition, paravalvular leak, and hemodynamic compromise during implantation. In a trial of 912 patients with severe aortic stenosis at high risk of mortality, Feldman and colleagues demonstrated that the mechanically expanded valve was not inferior to a self-expanding valve in safety or efficacy.

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

### Infant Formula and Risk of Type 1 Diabetes

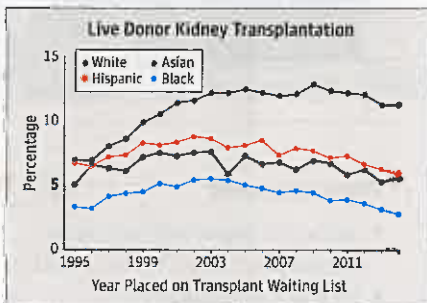
38



Early exposure to complex dietary proteins in children with genetic susceptibility to type 1 diabetes may be associated with an increased risk of diabetes-associated autoimmunity. The Writing Group for the TRIGR Study reports that 2159 infants at risk for type 1 diabetes randomized to receive hydrolyzed vs conventional formula had similar cumulative incidence of type 1 diabetes after a median follow-up of 11.5 years.

### Race, Ethnicity, and Live Donor Kidney Transplantation

49



Live donor kidney transplantation results in better clinical outcomes and quality of life than deceased donor transplantation or chronic dialysis. Purnell and colleagues studied 453 162 adult kidney transplantation candidates in the United States and found that racial and ethnic disparities in receipt of live donor kidney transplantation have increased in recent years. In an Editorial, Jay and Cigarroa suggest that

economic barriers to kidney donation may account for a large proportion of these racial and ethnic disparities.

 Editorial 24

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

## Opinion

### Viewpoint

15 Is Single Payer the Answer for the US Health Care System?  
VR Fuchs

17 Canada as Single-Payer Exemplar for Universal Health Care in the United States: A Borderline Option  
CD Naylor

19 What This Computer Needs Is a Physician: Humanism and Artificial Intelligence  
A Vergese, NH Shah, and RA Harrington

21 Pediatric Exclusivity and Regulatory Authority: Implications of *Amgen v HHS*  
J Kim, JS Ross, and A Kapczynski

### A Piece of My Mind

23 The Envelope  
JH Millstein

### Editorial

24 Disparities in Live Donor Kidney Transplantation: Related to Poverty, Race, or Ethnicity?  
C Jay and FG Cigarroa

## LETTERS

### Research Letter

81 Prevalence of Autism Spectrum Disorder Among US Children and Adolescents, 2014-2016  
G Xu and Coauthors

### Comment & Response

82 Recurrence of Reflux After Laparoscopic Antireflux Surgery

83 Self-regulation of the Medical Profession and Maintenance of Certification

85 The Nuremberg Code and Informed Consent for Research



## Humanities

### Poetry and Medicine

87 Love's Muse  
V Wohlfield

### JAMA Revisited

88 Hamstringing the Army



Editor in Chief  
Howard Bauchner, MD

**134 YEARS**  
OF CONTINUOUS  
PUBLICATION

## Clinical Review & Education

### Caring for Patients Who Survive Sepsis 62

Patients who survive sepsis are at risk of long-term disability and exacerbation of chronic health conditions. Prescott and Angus review the clinical management of sepsis survivors in the months after hospital discharge.

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

### Active Surveillance for Papillary Thyroid Cancer 76

A recent article in *JAMA Otolaryngology-Head & Neck Surgery* described tumor growth rates during active surveillance of patients with papillary thyroid cancer. In this From the JAMA Network article, Yip and Carty discuss active surveillance as an alternative to thyroidectomy and radioactive iodine ablation for patients at low risk of metastasis or local invasion.

 Author Audio Interview [jama.com](http://jama.com) CME [jamanetwork.com/learning](http://jamanetwork.com/learning)

### A Large Nodule on the Finger 78



This JAMA Clinical Challenge by Vangipuram and colleagues presents a 59-year-old woman with a rapidly enlarging tender but nonfluctuant and noninflamed nodule on her right fifth digit. What would you do next?



JAMA Patient Page  
91 Postsepsis Morbidity

## NEWS & ANALYSIS

### Medical News & Perspectives

9 New Inroads Against Multiple Sclerosis

### Bench to Bedside

11 Smart Artificial Beta Cells May Help Treat Diabetes

### The JAMA Forum

12 Housing as Health

14 News From the FDA

Digital Pill Gains Approval

Opioid Withdrawal Symptoms Subside With Cranial Nerve Stimulation

Treatment for Rare Enzyme Disorder

## Online @ jama.com



### Editor's Audio Summary

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

### Author Audio Interview

AUDIO Sally E. Carty, MD, author of "Expanding the Options for Patient-Guided Decision Making in Papillary Thyroid Cancer"

### Audio Interview



AUDIO Stephen Hauser, MD, of the University of California, San Francisco, and Jeffrey A. Cohen, MD, of Cleveland Clinic, profiled in "New Inroads Against Multiple Sclerosis"



### Departments

5 Staff Listing

80 CME Questions

89 Classified Advertising

89 Journal Advertiser Index

90 Contact Information

### Instructions for Authors

[jama.com/public/Instructionsforauthors.aspx](http://jama.com/public/Instructionsforauthors.aspx)