

# THIS WEEK in the JOURNAL

## ORIGINAL ARTICLE

### **HFE-Associated Hemochromatosis**

In this large, prospective study of persons of northern European ancestry living in Australia, 1 in 146 was homozygous for a mutation (C282Y) in the *HFE* gene that is associated with hereditary hemochromatosis. Disease related to iron overload developed in 28% of male homozygotes but in only 1% of female homozygotes.

SEE P. 221; EDITORIAL, P. 291

## ORIGINAL ARTICLE

### **Citywide Program for Primary Angioplasty**

To minimize door-to-balloon times, Ottawa developed a program in which patients with ST-elevation myocardial infarction were taken directly from the field to a cardiac care center for primary coronary angioplasty. The median door-to-balloon time (69 minutes) was approximately half that of patients who were transferred from emergency departments (123 minutes). Respective in-hospital mortality rates were 3.0% and 5.7% ( $P=0.30$ ).

SEE P. 231; CME, P. 323

## ORIGINAL ARTICLE

### **Etanercept for Psoriasis**

In this randomized trial of 211 children and adolescents with moderate-to-severe psoriasis, response rates at 12 weeks were higher among patients treated with etanercept than among those receiving placebo (57% vs. 11%,  $P<0.001$ ). Response was maintained during 24 weeks of open-label treatment. Three serious infections occurred in patients treated with etanercept.

SEE P. 241

## SPECIAL ARTICLE

### **Selective Publication of Antidepressant Trials**

This study compares the published data on a dozen antidepressant drugs with analyses of the same drugs by the Food and Drug Administration. The results of studies in the entire database were less likely to be favorable to the drug than those in the published literature.

SEE P. 252

## CURRENT CONCEPTS

### **Update on Avian Influenza in Humans**

Avian influenza A (H5N1) viruses are entrenched among poultry in parts of Asia and Africa and continue to cause disease with high mortality in humans. This update summarizes recent information including research on the transmission and pathogenesis of the

infection and on the current strategies for treatment and prevention.

SEE P. 261; CME, P. 321

## CASE RECORDS OF THE MASSACHUSETTS GENERAL HOSPITAL

### **A Woman with Postpartum Visual Loss, Shortness of Breath, and Renal Failure**

A 38-year-old woman was admitted to the hospital 2 weeks after delivery because of loss of vision, shortness of breath, and renal failure. Preeclampsia had developed during pregnancy, and cesarean section was performed at 25 weeks' gestation. The day after delivery, blurred vision and scotomata developed and persisted. Intravenous corticosteroid therapy was begun, but shortness of breath developed, and the patient was admitted to the hospital.

SEE P. 275; CME, P. 322

## CLINICAL DECISIONS

INTERACTIVE AT [WWW.NEJM.ORG](http://WWW.NEJM.ORG)

### **Type 2 Diabetes**

This interactive *Journal* feature presents the case of a 55-year-old woman with type 2 diabetes, obesity, and hypertension. Three possible treatment options, any of which could be considered correct, are presented. Which option do you recommend? At [www.nejm.org](http://www.nejm.org) you can vote for one and then, if you wish, submit a comment about your clinical decision. Voting results and a broad selection of comments will be posted on the Web site.

SEE P. 293

## HEALTH LAW, ETHICS, AND HUMAN RIGHTS

### **Rules for Donations to Tissue Banks**

The authors discuss two legal cases involving patients claiming property rights to human tissue used for research after the tissue was surgically removed or donated and a third involving a dispute between a researcher and a university over the ownership of tissue samples.

SEE P. 298

## CLINICAL IMPLICATIONS OF BASIC RESEARCH

### **Magnetic Attraction and Drug Delivery**

A model of targeted drug delivery to the lung uses magnetized droplets and a magnetic field.

SEE P. 304

## VIDEOS IN CLINICAL MEDICINE

### **Examination of the Larynx and Pharynx**



This video demonstrates examination of the larynx and pharynx using indirect laryngoscopy, with either a simple dental mirror or a flexible fiberoptic endoscope.

SEE P. e2