

## In This Issue: January 11, 2022

## Research

## ORIGINAL INVESTIGATION

**129 Effect of Anticoagulant Therapy for 6 Weeks vs 3 Months on Recurrence and Bleeding Events in Patients Younger Than 21 Years of Age With Provoked Venous Thromboembolism: The Kids-DOTT Randomized Clinical Trial**  
NA Goldenberg and Coauthors  
for the Kids-DOTT Trial Investigators and the ATLAS Group

This randomized clinical trial tests the hypothesis that a 6-week duration of anticoagulant therapy for provoked venous thromboembolism is noninferior to a conventional 3-month therapy duration in patients younger than 21 years of age.

Editorial 124

📺 CME

**138 Effect of Weekly Subcutaneous Semaglutide vs Daily Liraglutide on Body Weight in Adults With Overweight or Obesity Without Diabetes: The STEP 8 Randomized Clinical Trial**  
DM Rubino and Coauthors  
for the STEP 8 Investigators

This clinical trial compares the efficacy and adverse event profiles of once-weekly subcutaneous semaglutide, 2.4 mg, vs once-daily subcutaneous liraglutide, 3.0 mg (both with diet and physical activity), in people with overweight or obesity.

📺 Visual Abstract | Audio | Video

**151 Discriminative Accuracy of Chronic Obstructive Pulmonary Disease Screening Instruments in 3 Low- and Middle-Income Country Settings**

T Siddharthan and Coauthors  
for the GECO Study Investigators

This cross-sectional study assesses the discriminative accuracy of 3 screening instruments in identifying chronic obstructive pulmonary disease in Nepal, Peru, and Uganda.

Editorial 126

📺 CME

## Opinion

## VIEWPOINT

**117 Achieving Diagnostic Excellence for Sepsis**

DC Angus and AB Bindman

**119 One Year of COVID-19 Vaccines: A Shot of Hope, a Dose of Reality**

AC Cohn, BE Mahon, and RP Walensky

📺 Video

**121 New State Consumer Protections Against Medical Debt**

CT Robertson, M Rukavina, and EC Fuse Brown

## A PIECE OF MY MIND

**123 My Dad's Sneakers**

N Vahil

In this narrative medicine essay, a medical student recounts the final days of his father who died of COVID-19 and finds comfort by understanding the uniqueness of his loss and from the universal experience of the millions who also lost loved ones to the virus.

## EDITORIAL

**124 Duration of Anticoagulant Treatment for Acute Provoked Venous Thromboembolism in Pediatric Patients**

B Masse, N Robitaille, and J Lacroix

Related Article 129

**126 Screening for Chronic Obstructive Pulmonary Disease: Unmet Needs and Future Considerations**

BP Yawn, NK Leidy, and F Martinez

Related Article 151

## 📺 Online at JAMA.com

## 📺 AUDIO

Editor's Summary of This Issue  
Semaglutide for Weight Loss

## 📺 VIDEO

Q&A with CDC Director Walensky on Omicron Vaccination, and Treatments for COVID-19  
Pharmacotherapy for Obesity

## 📺 CME

CME quizzes at [jamacmelookup.com](https://jamacmelookup.com)

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## DEPARTMENTS

Staff Listing 105

CME Questions 177

Recruitment & Classified Advertising 188

Contact Information 190

## CORRECTION 185

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Phil B. Fontanarosa, MD, MBA



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[jama.com](https://jama.com)

continued >



## In This Issue: January 11, 2022

## Clinical Review &amp; Education

## REVIEW

**161 Diagnosis and Treatment of Sexually Transmitted Infections: A Review**

S Tuddenham, MM Hamill, and KG Ghanem

This review summarizes current evidence regarding the epidemiology, diagnosis, treatment, and prevention of gonorrhea, chlamydia, syphilis, *Mycoplasma genitalium*, trichomoniasis, and genital herpes.

CME

**JAMA GUIDE TO STATISTICS AND METHODS****173 Using Cardinality Matching to Design Balanced and Representative Samples for Observational Studies**

BA Niknam and JR Zubizarreta

This JAMA Guide to Statistics and Methods discusses cardinality matching, a method for finding the largest possible number of matched pairs in an observational data set, with the goal of balanced and representative samples of study participants between groups.

**JAMA CLINICAL CHALLENGE****175 Axillary Lymphadenopathy After COVID-19 Vaccination in a Woman With Breast Cancer**

DL Lam and MR Flanagan

A 39-year-old woman with recently diagnosed ductal carcinoma in situ in the right breast but no palpable axillary lymphadenopathy underwent MRI to evaluate the extent of disease; the day before MRI, she received a second dose of mRNA COVID-19 vaccine in her right arm. MRI revealed edema surrounding 2 enlarged, morphologically abnormal level-1 axillary lymph nodes and an irregular mass with irregular margins. What is the diagnosis and what would you do next?

## JAMA PATIENT PAGE

**191 What Is Cystic Fibrosis?**

TM Endres and MW Konstan

This JAMA Patient Page describes cystic fibrosis, how it affects different parts of the body, and the treatments available.

## News &amp; Analysis

## MEDICAL NEWS &amp; PERSPECTIVES

**112 Expanding Access to Medication Abortions**

R Rubin

This Medical News feature examines recent developments involving medication abortions outside traditional health care channels.

## BIOTECH INNOVATIONS

**115 Homing In On a SARS-CoV-2 Correlate of Protection****115 Studies Suggest COVID-19 Vaccine Boosters Save Lives****115 COVID-19 Vaccine Focused on T-Cell Response Promising in Early Trial**

## NEWS FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION

**116 PrEP Awareness Is Low Among Heterosexual People****116 Younger Adults With Diabetes Miss Care, Disregard COVID-19 Precautions**

## Humanities

## POETRY AND MEDICINE

**186 The Last Goodbye**

D Orlowsky

## JAMA REVISITED

**187 Important Contribution to Egyptian Medicine****187 A Plea for Accuracy**

## Letters

## RESEARCH LETTER

**178 US State-Level Legal Interventions Related to COVID-19 Vaccine Mandates**

B Fernandes and Coauthors

This study assesses state-level legal interventions to promote or impede COVID-19 vaccine mandates in the US since the beginning of the pandemic.

**179 Antibody Response and Variant Cross-Neutralization After SARS-CoV-2 Breakthrough Infection**

TA Bates and Coauthors

This study of fully vaccinated health care workers examines antibody levels and variant cross-neutralization after COVID-19 breakthrough infection.

## COMMENT &amp; RESPONSE

**Effect of *Lactobacillus rhamnosus* GG on Incident Pneumonia in Critically Ill Patients**

181 C-Y Wang, C-H Chen, and C-C Lai

## In Reply

182 J Johnstone, D Heels-Ansdell, and D Cook

**Saliva RT-PCR Sensitivity Over the Course of SARS-CoV-2 Infection**

182 AL Wyllie and PK Premrurit

## In Reply

183 PS Pannaraj, Z Congrave-Wilson, and Y Lee

**A Pulmonary Embolism Diagnostic Strategy in Patients Hospitalized for COPD Exacerbation**

184 W Xiong and X Guo

## In Reply

184 D Jiménez, A Agustí, and B Bikdeli

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