

In This Issue: August 15, 2023

Research

ORIGINAL INVESTIGATION

603 Prenatal Intravenous Magnesium at 30-34 Weeks' Gestation and Neurodevelopmental Outcomes in Offspring: The MAGENTA Randomized Clinical Trial
CA Crowther and Coauthors
for the MAGENTA Study Group

This randomized clinical trial compares the effect of magnesium sulfate administered intravenously vs placebo on the outcome of death or cerebral palsy at 2 years in pregnant individuals expected to deliver at 30 to 34 weeks' gestation.

Editorial **597**

[Visual Abstract](#) | [Audio](#) | [CME](#)

615 Perioperative Vaginal Estrogen as Adjunct to Native Tissue Vaginal Apical Prolapse Repair: A Randomized Clinical Trial
DD Rahn and Coauthors

This randomized clinical superiority trial compares the efficacy of perioperative vaginal estrogen vs placebo cream on native tissue prolapse surgery outcomes.

Editorial **599**

Related Article **626**

[Visual Abstract](#)

626 Manchester Procedure vs Sacrospinous Hysteropexy for Treatment of Uterine Descent: A Randomized Clinical Trial
RA Enklaar and Coauthors

This randomized trial assesses the effect of sacrospinous hysteropexy vs Manchester procedure on a composite outcome of surgical success at 2 years among patients undergoing a first surgical treatment for uterine descent that did not protrude beyond the hymen.

Editorial **599**

Related Article **615**

[Visual Abstract](#)

636 Door-in-Door-out Times for Interhospital Transfer of Patients With Stroke
B Stamm and Coauthors

This retrospective study involving patients with acute stroke requiring transfers from hospitals in the Get With the Guidelines-Stroke registry assesses patient and hospital factors associated with door-in-door-out times.

Opinion

VIEWPOINT

587 Reconsidering the Language of Serious Illness
JM Kruser, JT Clapp, and RM Arnold

589 Vaccination Mandates—An Old Public Health Tool Faces New Challenges
LO Gostin, D Reiss, and MM Mello

591 The Increasing Adoption of Out-of-Pocket Cost Caps: Benefits, Unintended Consequences, and Policy Opportunities
JF Wharam and MB Rosenthal

593 340B—Where Do We Go From Here?
S Kishore, RK Nayak, and AS Kesselheim

A PIECE OF MY MIND

595 The Fall
C Bridges

In this narrative medicine essay, a palliative medicine physician learns firsthand how to listen to her mother's end-of-life wishes amid the waves of loss and the noise of the treatment options being offered.

EDITORIAL

597 Intrapartum Magnesium for Neuroprotection: Revisiting Gestational Age Criteria
JM Louis and TM Randis
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599 Updating Evidence for Treatment of Pelvic Organ Prolapse
CW Nager
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601 Reducing the Risks of Nuclear War—The Role of Health Professionals
K Abbasi and Coauthors

Online at JAMA.com

AUDIO

Editor's Summary of This Issue

July 2023 Medical News Summary

Antenatal Intravenous Magnesium Sulfate at 30 to 34 Weeks' Gestation and Offspring Neurodevelopmental Outcomes

CME

CME online at
jamacmelookup.com

CME Disclosure Statement: Unless noted, all individuals in control of content reported no relevant financial relationships. If applicable, all relevant financial relationships have been mitigated.

INSTRUCTIONS FOR AUTHORS
jamanetwork.com/pages/for-authors

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Kirsten Bibbins-Domingo, PhD, MD, MAS



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Clinical Review & Education

SPECIAL COMMUNICATION

650 Patents and Regulatory Exclusivities on GLP-1 Receptor Agonists

R Alhiary and Coauthors

This Special Communication used data from the US Food and Drug Administration to analyze how manufacturers of brand-name glucagon-like peptide 1 (GLP-1) receptor agonists have used patent and regulatory systems to extend periods of market exclusivity.

CME

JAMA CLINICAL CHALLENGE

658 Patient With Pulmonary Symptoms, Dysphagia, and Raynaud Disease

A Ghias, S Chawla, and P Agarwala

A nonsmoking patient with gastroesophageal reflux disease and Raynaud disease had 4 weeks of dysphagia and a 4.54-kg weight loss over 3 months, cough productive of yellow sputum, and dyspnea on exertion. White blood cell count and creatine kinase and aldolase levels were elevated; antinuclear antibody assay findings were positive; and chest CT showed bibasilar pulmonary consolidations and ground glass opacities. What is the diagnosis and what would you do next?

CME

JAMA PATIENT PAGE

672 Polypharmacy and Deprescribing

SE Vordenberg, PN Malani, and JT Kullgren

This JAMA Patient Page describes the problem of polypharmacy and its consequences, and how deprescribing can reduce polypharmacy.

News & Analysis

MEDICAL NEWS & PERSPECTIVES

581 HHS Urges Primary Care Clinicians to Help Patients Manage Long COVID's Mental Health Symptoms

M Suran

This Medical News article discusses a US federal advisory that could help clinicians identify and treat mental health symptoms related to post-COVID-19 condition, or long COVID.

Audio

583 Vigilance Urged Against Bird Flu Amid Ongoing Outbreaks in Mammals

J Abbasi

This Medical News article discusses the risk to humans from the currently circulating highly pathogenic avian influenza A(H5N1) virus.

Audio

MEDICAL NEWS IN BRIEF

585 FDA Greenlights First Over-the-Counter Oral Birth Control

E Harris

585 Experts Disagree About Aspartame's "Possibly Carcinogenic" Status

E Harris

585 Free COVID-19 Vaccinations on the Way for Uninsured Adults

E Harris

585 MIND Diet No Better Than Control for Adults at Risk of Dementia

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586 Misdiagnosis Might Harm up to 800 000 US Patients Annually

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586 CDC Recommends Single-Visit Hepatitis C Testing

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586 FDA Approves RSV Monoclonal Antibody for Infants and Young Children

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586 Using EEG to Monitor Brain Wave Transitions Could Reduce Postoperative Cognitive Issues

E Harris

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POETRY AND MEDICINE

667 Love and Math

B Lane

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668 Current Comment

Letters

RESEARCH LETTER

660 Insulin Fills by Medicare Enrollees and Out-of-Pocket Caps Under the Inflation Reduction Act

R Myerson and Coauthors

This study uses data from IQVIA's National Prescription Audit to assess the association of the Inflation Reduction Act's cap on cost sharing with insulin fills by Medicare beneficiaries.

COMMENT & RESPONSE

Threats and Opportunities Associated With Rapid Growth of Mega-Journals

D Wu, G Yu, and G-F Li

662 VG Jonnalagadda

In Reply

663 JPA Ioannidis, AM Pezzullo, and S Boccia

Renin-Angiotensin System Modulation in Adults With COVID-19

663 RAS dos Santos, FS Taccone, and F Annoni

In Reply

664 WH Self, J DeClercq, and M Orr for the ACTIV-4 Host Tissue Investigators

Gauging the Value of Top-Selling Drugs in Medicare

665 AG Daifotis

In Reply

665 AC Egilman, BN Rome, and AS Kesselheim

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