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32 Dexmedetomidine- or Clonidine-Based Sedation Compared With Propofol in Critically Ill Patients: The A2B Randomized Clinical Trial

TS Walsh and Coauthors
for the A2B Trial Investigators

This randomized clinical trial compares the effects of dexmedetomidine- or clonidine-based sedation vs propofol-based sedation (usual care) on the duration of mechanical ventilation in critically ill adults.

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46 Add-On Treatment With Zilebesiran for Inadequately Controlled Hypertension: The KARDIA-2 Randomized Clinical Trial

AS Desai and Coauthors
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This randomized clinical trial examines the efficacy and safety of zilebesiran vs placebo when added to a standard antihypertensive medication in adult patients with uncontrolled hypertension.

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56 Clinical Validation of a Circulating Tumor DNA-Based Blood Test to Screen for Colorectal Cancer

A Shaukat and Coauthors
for the PREEMPT CRC Investigators

This diagnostic study assesses the accuracy of an investigational blood-based circulating tumor DNA test for detection of colorectal cancer in an asymptomatic average-risk population.

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83 Estimating the Budgetary Impact of Reforms to the Medicare Advantage Quality Bonus Program

MN Dixit and Coauthors

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 Available online

jama.com

85 Association of Stratified Benchmarks With Financial Penalties in the ESRD Treatment Choices Model

SL Tummalapalli and Coauthors

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Weekly Editor's Summary

Diagnosis and Treatment of Endometriosis

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jamacmelookup.com

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Editor in Chief
Kirsten Bibbins-Domingo, PhD, MD, MAS



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This JAMA Insights explores the spread of harmful algal blooms due to climate change and how exposure to toxic algae can negatively affect human health.

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81 Remestemcel-L-rknd for Steroid-Refractory Acute Graft-vs-Host Disease in Pediatric Patients

U Mahat, D Przepiorka, and LA Fashoyin-Aje

This JAMA Insights discusses the FDA approval of remestemcel-L-rknd to treat graft-vs-host disease in children and provides regulatory considerations for this approval.

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98 What Is Hantavirus?

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This JAMA Patient Page describes hantavirus infection and the syndromes it can cause, as well as treatment options and prevention measures.

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7 Beyond Genes: Human Exposome Project to Tackle External Drivers of Disease

S Anderer

This Medical News article discusses the recent Exposome Moonshot Forum, a global meeting to accelerate research in exposomics—the study of the full range of environmental exposures that shape health and disease.

9 Rates of Colorectal and Other Cancers Are Rising in Young Adults, Puzzling Researchers

R Rubin

This Medical News article discusses the rise in diagnoses of colorectal and other cancers in adults under age 50.

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