

Research

Idalopirdine and Cognition in Alzheimer Disease 130

In a prior study, idalopirdine added to donepezil improved cognitive performance in patients with moderate Alzheimer disease (AD) dementia. To confirm or refute these initial findings, Atri and colleagues conducted 3 randomized trials in 2525 patients with mild-to-moderate AD and found that idalopirdine did not improve cognition over 24 weeks of treatment. In an Editorial, Bennett suggests that delaying the onset of dementia may have a greater impact on population health than treating AD once it has become symptomatic.

Editorial 123

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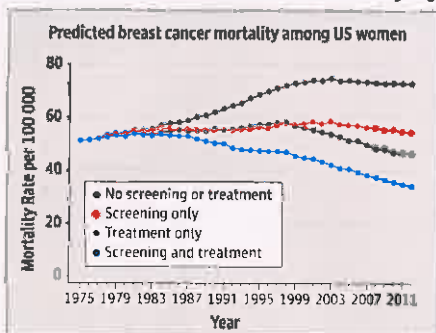
Handover of Anesthesia Care 143

Anesthesiologists may transfer care during surgical procedures to fulfill personal or professional commitments or because of illness or fatigue. In a retrospective cohort study of 313 066 patients undergoing major surgeries, Jones and colleagues found that complete handover of intraoperative anesthesia care was associated with a greater risk of adverse postoperative outcomes. An Editorial by Bagian and Paull suggests poor communication during transitions of care may be the root cause of adverse events.

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Changes in Breast Cancer Mortality by Molecular Subtype 154



Since 2000, digital mammography has supplanted plain-film screening for breast cancer, and new treatments have included aromatase inhibitors, trastuzumab, and taxanes. Using data from the Cancer Intervention and Surveillance Network, Plevritis and colleagues estimated that advances in screening and treatment were associated with declines in overall and subtype-specific breast cancer mortality in the United States.



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JF Sarwar and MM Davis

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KE Joint Maddox and Coauthors

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Editor in Chief
Howard Bauchner, MD

134 YEARS
OF CONTINUOUS
PUBLICATION

Clinical Review & Education

RECOMMENDATION STATEMENT

Screening for Idiopathic Scoliosis

165

Severe spinal curvature in adolescence is associated with adverse long-term health outcomes. Based on a review of the available evidence, the US Preventive Services Task Force concluded that the current evidence is insufficient to assess the benefits and harms of screening for idiopathic scoliosis in children and adolescents. In an Editorial, Sarwark suggests that a multisite, multiyear observational study may be needed to ascertain long-term health outcomes of interventions to reduce spinal curvature.

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🎧 Author Audio Interview jama.com CME jamanetwork.com/learning

EVIDENCE REPORT

Long-term Outcomes of Scoliosis Screening and Treatment

173

In a review of 14 studies for the US Preventive Services Task Force, Dunn and colleagues concluded that screening can detect adolescent idiopathic scoliosis and bracing or exercise may slow the progression of spinal curvature, but there is little evidence of long-term benefits or harms of screening or treatment.

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Lesinurad/Allopurinol for Gout-Associated Hyperuricemia

188

This Medical Letter on Drugs and Therapeutics discusses the safety and efficacy of adding lesinurad to allopurinol for patients with gout who remain hyperuricemic while taking allopurinol alone.

Screening for Adolescent Idiopathic Scoliosis



CHILDREN AND
ADOLESCENTS



There is insufficient
evidence to make a
recommendation.

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Dying Young?

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and Alaska Natives

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iPhone-Based Device Helps
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High Cost of Investigating Measles Cases

Nearly 15% of US HIV Infections
Undiagnosed in 2015

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Editor's Audio Summary

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

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are available at sites.jamanetwork.com/audio/.

Author Interview



AUDIO Alex R. Kemper, MD, MPH,
MS, author of "Screening for
Adolescent Idiopathic Scoliosis:
US Preventive Services Task Force
Recommendation Statement"

Genomics and Precision Health

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NEXT WEEK

Theme Issue on Obesity