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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.

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 Paul suggests poor communication during transitions of care may be the root cause of adverse events.

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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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.

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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