

Research

Airway Management During Cardiopulmonary Resuscitation **779**

Studies of cardiopulmonary resuscitation have reported an increased risk of mortality in patients receiving endotracheal intubation. A trial by Jabre and colleagues that randomized 2043 patients with out-of-hospital cardiorespiratory arrest to receive bag-mask ventilation or endotracheal intubation was inconclusive. In an Editorial, Lewis and Gausche-Hill suggest that a more informative outcome for future studies of resuscitation would score the severity of neurological impairment.

✎ Editorial **771**

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Antibiotics for Complicated Urinary Tract Infection **788**

Meropenem-vaborbactam has potent in vitro activity against antibiotic-resistant Enterobacteriaceae. In a randomized trial that enrolled 550 patients with complicated urinary tract infections, Kaye and colleagues found meropenem-vaborbactam to be noninferior to piperacillin-tazobactam for the composite outcome of complete resolution or improvement of symptoms with microbial eradication.

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American Football and Long-term Mortality **800**

Professional football players are well-conditioned athletes at risk for repetitive trauma and substance abuse. In a retrospective cohort study of 3812 retired US National Football League (NFL) players, Venkataramani and colleagues found that career participation in the NFL, compared with limited NFL exposure as a replacement player during a league-wide strike, was not associated with a statistically significant difference in long-term all-cause mortality. In an Editorial, DeKosky and colleagues recommend that future studies of elite athletes should address their quality of life.

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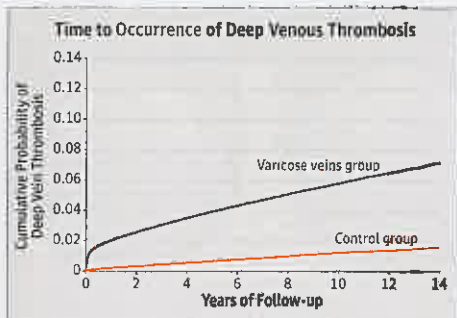
Editor in Chief
Howard Bauchner, MD

134 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Varicose Veins and Thromboembolic Disease

807



Varicose veins and other vascular diseases may be caused by inflammation. In a retrospective cohort study of claims data for 425 968 patients, Chang and colleagues found that patients with varicose veins had an increased risk of deep venous thrombosis.

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840 Sport-Related Concussion

Clinical Review & Education

Gabapentin for Neuropathic Pain

818

In this Clinical Evidence Synopsis summarizing a Cochrane review of 37 randomized trials, Moore and colleagues discuss the use of gabapentin for neuropathic pain. An Editorial by Wallach and Ross outlines the history of gabapentin availability in the United States and recommends improvements in postmarket surveillance to ensure that approved drugs are safe and effective for new indications.

Editorial 776

Rehabilitation After Stroke

820

In this JAMA Clinical Guidelines Synopsis of a 2016 guideline developed by the American Heart Association and the American Stroke Association, Gittler and Davis discuss the care of patients who are recovering from stroke.

Hepatitis B Vaccine

822

This Medical Letter on Drugs and Therapeutics compares the safety and efficacy of a new 2-dose vaccine with that of the previous 3-dose vaccine for the prevention of hepatitis B infection in adults.

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Editor's Audio Summary

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

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Author Interview



AUDIO Atheendar S. Venkataramani, MD, PhD, author of "Association Between Playing American Football in the National Football League and

Long-term Mortality"

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