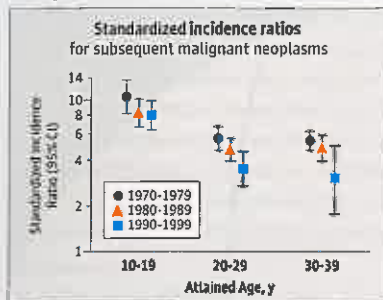


Research

Neoplasm Risk in 5-Year Survivors of Childhood Cancer 814



Childhood cancer treatment has been modified over time with the hope of reducing the incidence of subsequent neoplasms. To learn whether the risk of new neoplasms has changed in recent decades, Turcotte and colleagues conducted a retrospective, multicenter cohort study of 23 603 survivors of childhood cancer in the United States and Canada. The investigators found that the risk of subsequent malignancies at 15 years after

initial cancer diagnosis decreased for patients diagnosed in the 1990s in comparison with those diagnosed in the 1970s; the lower risk was associated with reductions in the dose of therapeutic radiation.

CME jamanetworkcme.com

Complications of Type 1 vs Type 2 Diabetes 825

Prior studies have suggested that adolescents and young adults with type 2 diabetes may be more likely than those with type 1 diabetes to have adverse health outcomes. In this article describing an observational study of 2018 participants diagnosed with diabetes before age 20 years, Dabelea and colleagues report that the prevalence of diabetic kidney disease, retinopathy, and other complications and comorbidities was greater in patients with type 2 diabetes than in patients with type 1 diabetes, but frequent in both groups. Their findings support early monitoring of these patients for development of complications.

CME jamanetworkcme.com

Antithrombotic Drug Use and Subdural Hematoma 836

The observed increase in the incidence of subdural hematoma may be related to increased use of antithrombotic drugs. To estimate the association between antithrombotic drug use and subdural hematoma, Gaist and colleagues conducted a case-control study of 10 010 patients aged 20 to 89 years with a discharge diagnosis of subdural hematoma matched to 400 380 individuals from the general population in Denmark. The authors found an increased risk of subdural hematoma associated with the use of antithrombotic drugs, particularly vitamin K antagonists. The greatest increase in the incidence of subdural hematoma was among patients older than 75 years.

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Management of Sepsis and Septic Shock 847

The body's response to infection can cause life-threatening organ dysfunction and tissue hypoperfusion. Management of sepsis requires early recognition and management of infection, hemodynamic issues, and other organ dysfunctions. In this JAMA Clinical Guidelines Synopsis article, Howell and Davis discuss a guideline for the clinical management of patients with sepsis and septic shock developed by the Surviving Sepsis Campaign, the Society of Critical Care Medicine, and the European Society of Intensive Care Medicine and recommend topics in need of further study. In a Viewpoint, De Backer and Dorman discuss recent updates of the Surviving Sepsis Guidelines.

Viewpoint 807

Author Audio Interview jama.com

Excessive Resource Utilization 849

National accreditation organizations mandate patient safety reviews to identify systems errors and improve the quality of care. In this article in the JAMA Professionalism series, Zapata and colleagues discuss a patient who may have been harmed by excessive testing during a hospitalization. The patient's primary care physician asked the hospital's patient safety committee to review her management in the hospital, but the committee was uncertain whether a case of resource utilization was within its purview. In an Editorial, Lipitz-Snyderman and Korenstein discuss the implications of framing overuse of medical care as a patient safety problem.

Editorial 810

Author Audio Interview jama.com CME jamanetworkcme.com

A 55-Year-Old Man With a Painful Rash on the Sole of His Foot 851



This JAMA Clinical Challenge article by Vangipuram and Tying presents a 55-year-old man with a 6-day history of a painful rash on the sole of his right foot. Physical examination revealed 2- to 3-mm grouped vesicles on an erythematous base in a discrete area of the sole of the right foot and no additional rashes elsewhere on the body. What would you do next?



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Editor's Audio Summary

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

Sepsis Presentations

Watch video presentations from the Society of Critical Care Medicine Congress on the updated Surviving Sepsis Guidelines, available with "Management of Sepsis and Septic Shock"

Author Interview



AUDIO Interview with Michael D. Howell, MD, MPH, author of "Management of Sepsis and Septic Shock"

AUDIO Interview with Andrew R. Lai, MD, MPH, author of "Is Excessive Resource Utilization an Adverse Event?"

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