

Research

CARING FOR THE CRITICALLY ILL PATIENT

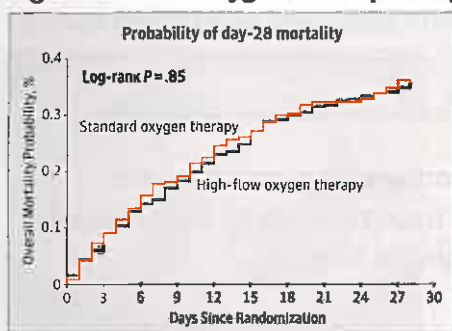
Oral and Digestive Tract Decontamination in Intensive Care **2087**

Techniques of oral and digestive tract decontamination are often used to prevent infections in intensive care units. Wittekamp and colleagues randomized 8665 patients receiving mechanical ventilation in intensive care units having moderate to high antibiotic resistance and found no reduction in the risk of bloodstream infections associated with the use of chlorhexidine mouthwash, oropharyngeal decontamination, or digestive tract decontamination. In an Editorial, Vandembroucke-Grauls and van der Meer suggest that the prevalence of antibiotic-resistant organisms in these study sites may have precluded a positive effect of decontamination.

📖 Editorial **2081**
📺 Visual Abstract jama.com

CARING FOR THE CRITICALLY ILL PATIENT

High-Flow Nasal Oxygen for Respiratory Failure **2099**



Intubation and mechanical ventilation are associated with complications that can be life-threatening for immunocompromised patients. Azoulay and colleagues randomized 778 immunocompromised patients with acute hypoxemic respiratory failure and found that high-flow oxygen therapy did not significantly decrease day-28 mortality compared with standard oxygen therapy. In an Editorial, Dugan and colleagues suggest that new alternatives to invasive ventilation are needed for immunosuppressed patients with acute hypoxemic respiratory failure.

📖 Editorial **2083**
📺 Audio Interview jama.com

Lanadelumab for Hereditary Angioedema **2108**

In patients with hereditary angioedema, recurrent attacks of severe swelling are unpredictable and potentially life-threatening. Banerji and colleagues for the HELP Investigators randomized 125 patients with hereditary angioedema and found that treatment with subcutaneous lanadelumab reduced attack rates compared with placebo.

📺 CME jamanetwork.com/learning Visual Abstract jama.com



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Editor in Chief
Howard Bauchner, MD

135 YEARS
OF CONTINUOUS
PUBLICATION

Clinical Review & Education

RECOMMENDATION STATEMENT

Prevention of Child Maltreatment

2122

Risk factors for child maltreatment include young age, special health care needs, and having a parent or caregiver who has experienced abuse. The US Preventive Services Task Force found inadequate evidence that interventions initiated in primary care can prevent maltreatment among children without signs or symptoms of abuse.

Editorial 2085 Related Article 2129 JAMA Patient Page 2160

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

EVIDENCE REPORT

Outcomes of Interventions to Prevent Child Maltreatment

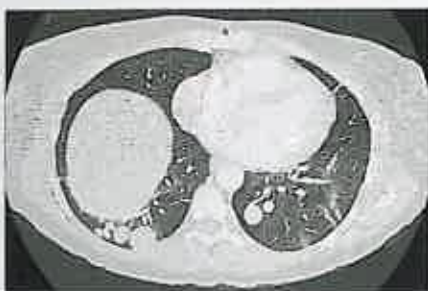
2129

In a review of 22 randomized trials, Viswanathan and colleagues found no benefit of interventions or referrals from primary care for the prevention of child maltreatment.

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A Woman With Pulmonary Nodules

2141



This JAMA Clinical Challenge by Medarov and colleagues presents a 38-year-old woman with multiple lung nodules consisting of smooth muscle tissue without necrosis, atypia, or mitotic activity. She recently underwent ovarian stimulation for in vitro fertilization. What would you do next?

Vaccination Against Influenza

2143

Influenza vaccination benefits individuals and their communities. This excerpt from the Medical Letter on Drugs and Therapeutics discusses vaccination for the 2018-2019 influenza season.

Interventions to Prevent Child Maltreatment



Children and adolescents



Statement

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Online @ jama.com



Editor's Audio Summary

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

Audio Interview

Mackenzie Copley, One Tent Health, profiled in "Have Tent, Will Do Pop-up HIV Screening"

Author Audio Interview



Alex R. Kemper, MD, MPH, MS, author of "Interventions to Prevent Child Maltreatment: US Preventive Services Task Force Recommendation Statement"

Visual Abstracts

"Decontamination Strategies and Bloodstream Infections With Antibiotic-Resistant Microorganisms in Ventilated Patients: A Randomized Clinical Trial" and "Effect of Lanadelumab Compared With Placebo on Prevention of Hereditary Angioedema Attacks: A Randomized Clinical Trial"

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