

Research

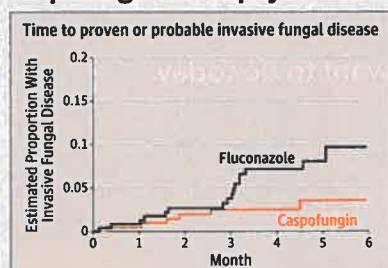
Lefamulin for Community-Acquired Bacterial Pneumonia 1661

Because of fluoroquinolone-associated safety concerns and high rates of bacterial resistance, new treatment options are needed for patients with community-acquired bacterial pneumonia. Alexander and colleagues randomized 738 patients with community-acquired bacterial pneumonia and found that lefamulin was noninferior to moxifloxacin for the outcome of early clinical response.

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Caspofungin for Prophylaxis of Invasive Fungal Disease 1673



Patients receiving intensive chemotherapy for acute myeloid leukemia are at high risk of invasive fungal disease. In a randomized trial by Fisher and colleagues that enrolled 517 participants with acute myeloid leukemia, prophylaxis with caspofungin, compared with fluconazole, resulted in a significantly lower incidence of proven or probable invasive fungal disease.

Visual Abstract jama.com

Genomic Associations With Primary Open-Angle Glaucoma 1682

Primary open-angle glaucoma is more common and more severe in patients of African ancestry, but genetic variants have not been identified in this disproportionately affected population. In a genome-wide association study of 2320 individuals with primary open-angle glaucoma and 2121 control individuals, the Genetics of Glaucoma in People of African Descent Consortium found that variations at the *APBB2* locus were associated with primary open-angle glaucoma by ancestry.

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Opinion

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Editor in Chief
Howard Bauchner, MD

136 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

CARING FOR THE CRITICALLY ILL PATIENT

End-of-Life Practices in European Intensive Care Units

1692

European guidelines for end-of-life practices have changed over the past decade. Sprung and colleagues conducted a prospective observational study of 13 625 patients who had treatment limitations or died in 22 European intensive care units in 2015-2016 and found that limitations in life-prolonging therapies occurred significantly more frequently and death without limitations in life-prolonging therapies occurred significantly less frequently than in the period 1999-2000. An Editorial by Cox and colleagues discusses opportunities for improving the quality of patient-centered end-of-life care.

📖 Editorial 1655

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Clinical Review & Education

Surveying the Human Genome

1705

In this JAMA Guide to Statistics and Methods, Guo and Rotter explain how genome-wide association studies home in on genes that may affect the likelihood of disease.

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CLINICAL UPDATE

Clinical Management of Adolescents With Obesity

1707

Adolescence is a critical period for managing obesity. This JAMA Insights article by Cardel and colleagues discusses an integrated continuum of care that begins with the least invasive treatment.

Lefamulin for Community-Acquired Bacterial Pneumonia

1709

Lefamulin is a pleuromutilin antibiotic that inhibits bacterial protein synthesis. This Medical Letter on Drugs and Therapeutics discusses the efficacy and safety of lefamulin for the treatment of community-acquired bacterial pneumonia.

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Editor's Audio Summary

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

Author Audio Interview

Francisco G. Cigarroa, MD, author of "The Advancing American Kidney Health Executive Order: An Opportunity to Enhance Organ Donation"

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Adolescent Boys' Need for Relationships

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"Oral Lefamulin vs Moxifloxacin for Early Clinical Response Among Adults With Community-Acquired Bacterial Pneumonia: The LEAP 2 Randomized Clinical Trial" and "Effect of Caspofungin vs Fluconazole Prophylaxis on Invasive Fungal Disease Among Children and Young Adults With Acute Myeloid Leukemia: A Randomized Clinical Trial"

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