

# KASIC NEWSLETTER

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KASIC



## Prevent HIV with an Injection Every 6 Months



Lenacapavir (Yeztugo) was approved in June 2025 for pre-exposure prophylaxis (PrEP) to reduce the risk of HIV infection. While lenacapavir was previously approved in combination with other antiretrovirals for treating HIV, this new indication significantly expands its role by offering a long-acting injectable PrEP option requiring administration just once every 6 months.

In PURPOSE I and PURPOSE II clinical trials, this twice-yearly dosing demonstrated highly effective prevention of HIV acquisition across diverse patient populations. As the arsenal of antiretroviral therapies continues to grow, innovations in formulation and dosing frequency, like Yeztugo, represent a major advance in making HIV prevention more accessible, sustainable, and patient-centered.

[Read the press release here!](#)

## Approach to Patients with Non-Responding Pneumonia

Pneumonia is one of the most common causes of admission to intensive care unit. Approximately 15%-30% of severe community-acquired pneumonia and 20%-40% of hospital-acquired pneumonia/ventilator-associated pneumonia are considered non-responders.

A recent article by Pova and colleagues outlines a systemic approach to evaluating patients who do not improve within 48-72 hours of initial antibiotics. It highlights key causes of non-response including resistant pathogens, incorrect initial diagnosis, or complications. The authors emphasize the importance of reassessing patient through clinical evaluation, exposure history, both infectious and non-infectious differentials, and imaging to guide next steps

*Escalation of antibiotics or prolong course of antibiotics might not always provide benefits and can carry risks of harms*

[Click here to read the article!](#)



## KASIC Cases

Each week, a fictional case describing a common antimicrobial stewardship opportunity is posted on X (formerly Twitter) and LinkedIn. Participants are encouraged to answer the poll first and then review the best answer along with an explanation.

### Ready to test your antimicrobial stewardship knowledge?

#### Try out the latest case:

Two patients are admitted with neurosyphilis and penicillin allergies:

- **Patient 1:** Father was penicillin allergic, has not taken
- **Patient 2:** Difficulty breathing after 1<sup>st</sup> dose of amoxicillin

Which patient(s) likely require desensitization to penicillin?

- A. Patient 1
- B. Patient 2
- C. Both
- D. Neither

[Click here for the BEST answer](#)

[Read more cases here](#)

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## National Institute of Health Planning to Remove Support for HIV Clinical Guidelines

The National Institute of Health (NIH) is intending to end support for the HIV clinical guidelines by June 2026 according to [news reports](#).

The NIH currently provides comprehensive HIV clinical guidelines for adults and pediatrics on HIV management, opportunistic infections, and perinatal care.

[Click here to view and download PDFs of current guidelines by National Institute of Health \(NIH\)](#)

[Click here for alternative HIV guidelines produced by The International Antiviral Society – USA \(IAS-USA\)](#)

## Latest Clinical Education Pearls: Click to Read!

[Don't Let the Bug Beat You: Diarrheagenic E. coli](#)

[Alternatives in Anaphylaxis: Carbapenems in Beta-Lactam](#)

[Decoding a Drug Allergy History](#)

[Don't Let the Bug Beat You: Salmonella spp.](#)

## Norton Infectious Diseases Institute Grand Rounds Educational Series

[Feel the heat? New fever in the ICU](#)

[What's the Scoop on Croup](#)

[Statistical Process Control](#)

[Click here for Grand Rounds Information](#)