

# KASIC NEWSLETTER

Issue Twelve, Volume One

*Pictured Top: Historic Greens Mill Farm Bridge  
Breckinridge County, Kentucky  
Attribution to Historicbridges.org*



## Influenza Season is Right around the Corner

The 2023-2024 flu season is upon us and it's time to start vaccinating patients to prevent severe infection. The CDC recommends that the ideal time to vaccinate most patients is in September or October, but patients still benefit from vaccination at any point during the influenza season.

### Influenza in Long-Term Care

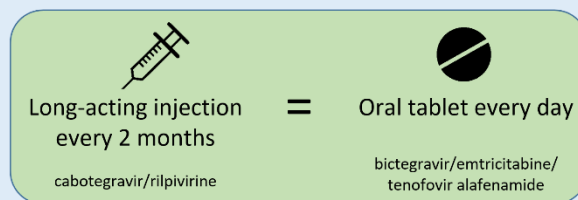
Influenza season can be particularly challenging in the long-term care setting given most patients are at high risk of both contracting infection and severe disease. The CDC provides specific resources to support long-term care facilities in navigating flu season, which addresses vaccination, infection prevention measures, and outbreak management to help health care providers protect patients.

[CDC Guidance for Influenza Outbreak Management in Long-Term Care and Post-Acute Care Facilities](#)



## Big Strides for HIV Treatment

The SOLAR randomized controlled trial recently published results!<sup>1</sup>



- Enrolled patients with HIV who were already virally suppressed on the oral bictegravir-based tablet regimen
- Randomized patients to either continue tablet regimen or switch to the long-acting injection
- Injection was non-inferior to tablet in terms of efficacy at 1 year
- Overall, more adverse events were seen with the injection, but this was due to injection site reactions which often lessen with subsequent injections
- A preference questionnaire at the end of the study showed patients thought the long-acting injection was more convenient, discrete, and did not serve as daily reminder of HIV status unlike the pills.

Given the promising results in this trial and others, healthcare professionals will likely care for more patients on long-acting injectable HIV medications in the future. It will be important for institutions to have a plan for reconciliation and acquisition of this novel regimen to ensure successful transitions of care.

1. Ramgopal MN, et al. *Lancet HIV*. 2023;S2352-3018(23)00136-4. doi: 10.1016/S2352-3018(23)00136-4.



## KASIC Cases

Each week, a fictional case describing a common antimicrobial stewardship opportunity is posted on 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:**

A 26-year-old pregnant female with known Group B Streptococcus colonization is admitted for delivery. She has a history of a penicillin allergy. Her parent told her she had a rash as a child but she has no further details.

What GBS prophylaxis should be used?

- A) Clindamycin
- B) Cefazolin
- C) Vancomycin

[Click here for the BEST answer](#)

[Read more cases here](#)

[Follow KASIC on Twitter & LinkedIn](#)

## Latest Clinical Education Pearls: Click to Read!

[Know Your Antibiotic: Aztreonam the Monobactam](#)

[Cefepime-Induced Neurotoxicity](#)

[Build an Antibigram](#)

[Perfect your Pick: How to Use an Antibigram](#)

## Norton Infectious Diseases Institute Grand Rounds Educational Series

**Click to Watch!**

[What are We Getting from our Pets? A Microbiology Presentation](#)

[Treatment of Animal Bites and Exposures](#)

[Simulation and Infection Prevention](#)

[Click here for Grand Rounds Information](#)

## Coming up next on Grand Rounds

September 13, 2023

Communicating Hospital Associated Infections Data

September 20, 2023

Yeast Infections: A Microbiology Presentation

September 27, 2023

Yeast Infections: Colonization vs Infection