

KASIC NEWSLETTER

Issue One, Volume Two



*Pictured Top: Cumberland Falls
Attribution to The Courier Journal*

New KASIC Advisory Board Projects

Carbapenem Benchmark Report

How does your facility's carbapenem use compare? The KASIC Advisory Board compiled their carbapenem utilization data to help other antimicrobial stewardship programs assess the effectiveness of their efforts.

[Click here to view](#)

Long-Term Care Needs Assessment Report

Summary report of survey responses to define needs of long-term care antimicrobial stewardship programs in Kentucky.

[Click here to view](#)

Antimicrobial Shortage Guide

A library of antimicrobial alternatives and strategies to mitigate drug shortages.

[Click here to view](#)

Adult Outpatient Empiric Treatment Guide

Quick reference for commonly encountered infectious diseases in the outpatient settings.

[Click here to view](#)

Up-To-Date with COVID Vaccines

In September 2023, the US Food and Drug Administration approved an updated formula of mRNA COVID-19 vaccines Spikevax by Moderna and Comirnaty by Pfizer-BioNTech. These vaccines have been updated to include a monovalent (single) component that corresponds to the Omicron variant XBB.1.5.

What you need to know:

Everyone 5 years and older is recommended to receive 1 dose of the updated COVID-19 vaccine, even if received previous formula

- Children ages 6 months to 4 years
 - Initial vaccination: 2 doses of updated Moderna or 3 doses of updated Pfizer-BioNTech vaccine
 - Received previous vaccine: 1 or 2 doses of updated Moderna or updated Pfizer-BioNTech vaccine, depending on the number of prior doses
- People who are moderately or severely immunocompromised
 - Initial vaccination: 3-dose series of updated vaccine from either manufacturer
 - Received previous vaccine: 1 or 2 doses of updated vaccine, depending on the number of prior doses
- Bivalent mRNA COVID-19 vaccines are no longer recommended

Reference:

CDC. Interim Clinical Considerations for Use of COVID-19 Vaccines in the United States. Sept 2023. <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html>



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:

82-year-old woman with CKD is admitted to the hospital for STEMI. She is intubated in the ICU and days later has a new fever. Antibiotics are started to cover MRSA + *Pseudomonas* spp.

4 days later, she has new confusion. Which antibiotic is most likely causing confusion?

- A. Linezolid
- B. Vancomycin
- C. Cefepime
- D. Piperacillin/tazobactam

Click here for Grand Rounds Information

Norton Infectious Diseases Institute Grand Rounds Educational Series

Yeast Infections, Colonization vs Infection

Yeast Infections, a Microbiology Review

Using TAP Reports to Identify Gaps in Infection Prevention

Coming up next on NIDI Grand Rounds

October 18, 2023

Microbiology for the Infection Preventionist

October 25, 2023

Antimicrobial Stewardship for the Infection Preventionist

November 1, 2023

To be determined

Click here for the BEST answer

Read more cases here

Follow KASIC on Twitter & LinkedIn