Outline

A summary of current recommendations from the CDC, SHEA, IDSA, APIC and the Joint Commission

Health Care-Associated Infections: Strategies to Control-Reduce-Eliminate

Catheter-Associated Urinary Tract Infections

Surgical Site Infections

Ventilator-Associated Pneumonias Non-ventilator-Associated Infections

(overlooked HAI)

Central-Line-Associated Bloodstream Infections

The Latest Multi-Drug Resistant Microorganism Guidelines

Carbapenem-resistant enterobacteriaceae

Clostridium difficile

Methicillin-resistant staphylococcus aureus

Vancomycin-resistant enterococcus Acinetobacter baumannii

Influenza

Avian vs. swine vs. seasonal influenza H1N1 pandemic results When to treat? When not to treat? Treatment with anti-virals and antibiotics New vaccines for flu

Vaccination Recommendations for Healthcare Personnel

Zoster/shingles Pneumoccocal MMR, Tdap, etc.

Emerging Infectious Diseases (Zoonotic)

Ebola: What we learned Mosquito-borne ("Zika", Dengue, Chickungunya, West Nile) Tick-borne (Lyme and Babesia) Cryptosporidiosis

Hepatitis B

Vaccination protocol for healthcare personnel

Staff follow-up after significant exposures

Treatments for persons chronically infected

Outbreaks in healthcare

Hepatitis C

Treatment "cures" in 12-24 weeks Outbreaks in healthcare-dialysis settings

HIV/AIDS (fulfills mandatory 1 CE hour requirement)

A probable vaccine for HIV... coming

New treatments will only require weekly to monthly administration Methods to treat HIV through monoclonal therapy

Florida's concern: The highest prevalence of HIV/AIDS in the nation

Tuberculosis

Today's best approaches to treatment Skin testing vs. blood test for exposure Follow-up guidelines for healthcare workers' conversion testing

Objectives

- 1. Plan strategies to reduce and eliminate healthcare-associated infections.
- 2. Explain best practices for treatment and control 6. Explain the medications available that "cure" of multi-drug resistant microorganisms.
- 3. Evaluate the newest vaccine recommendations for healthcare workers and children.
- 4. Distinguish between mosquito-borne illnesses of Dengue, Chikungunya, and Zika, which may be a threat to the United States.
- 5. Analyze the latest HIV/AIDS treatments for effectiveness and ease for patients.
- Hepatitis C.
- 7. Compare the current recommendations to control and treat tuberculosis.

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Are your confident in your responses...

- One patient with an ileal conduit urinary system that, when cultured, revealed microorganisms. Should the treatment include antibiotics...or not?
- A co-worker is pregnant... which patient rooms won't pose a potential risk?
- What innovative skills can you personally incorporate to reduce the incidence of healthcare-associated infections?
- How can compromised patients be kept safe when multi-drug resistant microorganisms are so prevalent?

- You've been providing great patient care all shift. Now it's time to head home. How do you make that transition and not introduce your family to some of the infectious diseases you've been around?
- A disease that may be in a distant part of the world could find its way to our backyard! These emerging cases are often complicated in practice. Are you up-to-date to intervene effectively?

You don't want to miss this enlightening and practicechanging day!

Speaker -

William "Barry" Inman, BA-BS, CIC, has 40 years of experience as an epidemiologist, working for a busy health department in Florida. In his current role, Barry is responsible for control of communicable diseases through surveillance and investigation methods, working directly with the infection control personnel in hospitals, long-term care, acute long-term care, and NASA. He advises concerning appropriate precautions/ management strategies and assists infectious disease physicians in the diagnosis of uncommon or exotic diseases by working as a liaison between the Department of Health in Florida and the CDC.

Barry has vast experience in outbreak mitigation and prevention, whether within a healthcare facility, in the community or on a cruise ship. His expertise has been sought for a variety of outbreaks, including: rubella, influenza, legionnaire's disease, measles, pertussis, norovirus and multi-drug resistant microorganism (MRSA, CRE, ESBL). Numerous awards have been bestowed upon Barry for his contributions to minimize the effects of constantly evolving infectious diseases.

Speaker Disclosures:

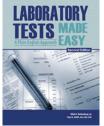
Financial: William B. Inman has an employment relationship with Brevard County Health Department. He receives a speaking honorarium from PESI, Inc.

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