



COURSE DESCRIPTIONS

Infectious Disease

Infections with Deadly Consequences

10/25/2021 | 3:30:00 PM - 4:20:00 PM

Faculty: Annahieta Kalantari, DO, FACEP

Deadly & rapidly progressive infections that are fatal, though uncommon, are always remembered. What infections can do this in the normal host - meningococemia, necrotizing fasciitis, ascending cholangitis? Are there any characteristics that can help identify these infections early & what therapies must be instituted in a timely fashion to affect survival? Using a case-based approach, the speaker will work through some “deadly cases.”

- Describe a select number of rapidly progressive infections.
- Illustrate how various infections are underestimated.
- Describe some pearls & pitfalls in the treatment of these infections.
- COVID in brief and what the infection does

Infectious Disease

New Sepsis Guidelines: Latest But Not Greatest

10/26/2021 | 1:00:00 PM - 1:20:00 PM

Faculty: John C. Perkins, Jr, MD, FACEP

How often do you hear about documenting your sepsis bundle & making sure all the correct 'boxes are checked'? The newest set of sepsis guidelines might have been well intentioned, but are fraught with practical difficulties & pitfalls. Come learn how to ensure you are really doing the best for your patient & still keeping the coders & administration happy.

- Illustrate the main components of the new sepsis bundle.
- Review various scores & modalities to determine which patients are septic & might benefit from the guidelines interventions.
- Discuss the pitfalls of the new sepsis bundle & who is at risk of being harmed rather than helped by the new guidelines.
- Sepsis, Protocols, Sepsis guidelines



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Other People's Parts: Transplant Troubles

10/26/2021 | 1:30:00 PM - 1:50:00 PM

Faculty: Annahieta Kalantari, DO, FACEP

Increasingly, organ transplant recipients are presenting to the emergency department. The nature of their underlying disease & complex medication regimen make them very challenging to manage. The presenter will discuss the disease processes associated with transplantation & the post-transplant therapies. Special infectious disease problems & their treatment options also will be discussed.

- Discuss the immunology & therapies that can increase risk for infection after transplantation.
- Discuss the disease processes associated with transplantation.
- Recognize the special infectious disease problems faced by these patients.
- Transplant, immunocompromised, fever, infection

Infectious Disease

How Do We Handle COVID-19, CAP & Influenza

10/26/2021 | 4:30:00 PM - 4:50:00 PM

Faculty: John C. Perkins, Jr, MD, FACEP

Infectious diseases concerns are prevalent in the ED. The relatively common influenza, CAP, and COVID and their appropriate management and understanding are discussed.

- Overview of COVID-19, Influenza, and CAP problems that will be encountered this winter Discuss pitfalls in evaluation and management Outline strategies to optimize patient care
- Discuss pitfalls in evaluation and management Outline strategies to optimize patient care
- Outline strategies to optimize patient care
- Discuss the epidemiologic burden of disease



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International Medicine Migrating Your Way

10/27/2021 | 3:30:00 PM - 3:50:00 PM

Faculty: Regan Marsh, MD

Climate change & global warming is bringing tropical diseases to the US — no longer just through returning travelers, but now with epidemiological spread of disease outside the conventional “tropics.” Emergency physicians must be prepared to diagnose & manage these neglected tropical diseases, which are increasingly presenting to our EDs. The speaker will offer training on conditions like Ebola, Zika, Chikungunya, Dengue & Chagas so that you can be prepared.

- Discuss the shifting epidemiology of key vector-borne, neglected tropical diseases likely to be seen in the US.
- Identify fundamentals of recognition & treatment of Ebola, Zika, Chikungunya, dengue, & Chagas, which have seen domestic transmission within the US.
- Explain testing & reporting requirements, as part of required public health surveillance within the ED.
- vector-borne, Zika, Chikungunya, dengue, and Chagas, public health

Infectious Disease

What's New in Antibiotics in the ED

10/27/2021 | 4:30:00 PM - 5:20:00 PM

Faculty: Bryan D. Hayes, PharmD, DABAT, FAACT, FASHP

Selection of the most appropriate antibiotic is critical to the management of our patients with infectious diseases; however, there are so many options & so many conditions that it can be a challenge to correctly match them. The presenter will discuss the best matches between important infectious diseases & various antibiotics.

- Discuss the primary choices of antibiotics for common infections like skin and soft tissue infections and urinary tract infection
- Discuss the primary choices of antibiotics for patients presenting with intra-abdominal infections and neutropenic fever.
- Describe how patient factors may influence antibiotic selection.
- UTI, cellulitis, community-acquired pneumonia, antibiotic, infectious disease



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Cruising the Infectious Disease Literature

10/28/2021 | 8:00:00 AM - 8:50:00 AM

Faculty: Alfred D. Sacchetti, MD, FACEP

So many journals, so little time. Let an expert in the field help you stay updated on the latest in the infectious disease realm. The speaker will review recent literature on infectious diseases, old diseases with new treatments, & new diseases with old treatments. Make sure you have the information to use the right drugs for the bad bugs!

- Review the latest literature in infectious disease.
- Illustrate how this information might affect emergency medicine practice.
- Identify new strategies for managing this infectious illness in the ED.

Infectious Disease

Food Borne illnesses: What's Not Good to Eat

10/28/2021 | 9:00:00 AM - 9:20:00 AM

Faculty: Regan Marsh, MD

Food borne illnesses are prevalent in the ED. From the relatively common to the rare & from the seemingly simple to the extremely complex, appropriate management of diverse infectious diseases requires a broad understanding about them.

- Discuss the critical update on food-borne illness outbreaks, including the common causative organisms & their therapies.
- Describe the most up to date management of food borne illnesses
- Discuss the critical update on food-borne illness outbreaks, including the common causative organisms & their therapies.
- Discuss the epidemiologic burden of disease



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Top 10 Antibiotic Mistakes in the ED

10/28/2021 | 10:00:00 AM - 10:50:00 AM

Faculty: Bryan D. Hayes, PharmD, DABAT, FAACT, FASHP

On a daily basis we prescribe a multitude of medications with various mechanisms of action to treat a broad range of disease, but are we doing our patient's a disservice? Who better than an ED pharmacist to help us recognize potential pitfalls when prescribing antibiotics? do all of these patients really need the broad spectrum gram-positive, gram-negative, & anaerobic coverage van & Zosyn combination provides?

- Review interactions between common daily medications & antibiotics in an effort to decrease dangerous side effects .
- Design an appropriate antimicrobial regimen that includes atypical coverage for your patient with healthcare-associated pneumonia.
- Highlight deleterious side affects of medications that might be hurting your patient more than helping.
- Discuss antibiotic stewardship strategies in the ED.

Infectious Disease

Staying Cool with Pediatric Fever

10/28/2021 | 10:00:00 AM - 10:50:00 AM

Faculty: Alfred D. Sacchetti, MD, FACEP

What's the latest treatment for a child with fever? Do I need to obtain a complete blood count? How about a blood culture? Who absolutely needs a spinal tap? What to do in the second month of life. What is the current risk of significant bacterial infection & how do I ensure one is not missed? How do I alter my approach if there is a delay or no vaccinations? The speaker will review the latest literature on the evaluation of the febrile child & the best evidence available to help you care for them without breaking a sweat.

- Review the latest literature on the current risk of serious bacterial infection in children.
- Identify the latest literature on the evaluation of the febrile child & infant in the ED and the work up in the second month of life
- Discuss how vaccination status plays a role in the work up of the febrile child.
- fever pediatric, child, blood culture, best evidence



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Hot & Heavy: Non-infectious Causes of Fevers

10/28/2021 | 12:00:00 PM - 12:20:00 PM

Faculty: Alisa V. Wray, MD

Fever is a common presenting complaint to the emergency department, however not all fevers are infectious. It is important for emergency physician to be aware of the vast differential of a febrile patient, the non-infectious causes of fever and the management and treatment of these causes. The presenter will review the physiology of hyperpyrexia, 5 non-infectious cases of fever and discuss their diagnosis and management.

- Review the underlying pathophysiology of fevers
- List 5 non-infectious causes of fever
- Discuss the management of these 5 non-infectious causes of fever