

Tuesday November 8th, 2022

Lecture Descriptions

Angela Capuano

Treating People with Autism Spectrum Disorder in Medical Emergencies

This talk will cover the basics of an Autism Spectrum Disorder (ASD) diagnosis and characteristics of ASD that can impact interactions with medical care providers. This talk will also cover how to interact with someone with ASD, especially in an emergency situation. Tips and tools to improve communication with people with ASD will be discussed.

Dr. Nate Hunt

To Transfuse or Not to Transfuse – That is the Question.

This presentation will briefly discuss the pathophysiology of hemorrhagic shock and the use of prehospital blood product administration to impact outcomes of bleeding patients, both from traumatic and medical causes. We will differentiate between the various types of blood products available and how each can be useful. We will review evidence supporting prehospital blood product administration and the potential barriers to program implementation.

Deb Wagner

KALE is Good for What Ails You (Ketamine, Acetaminophen, Lidocaine's efficacy)

Trends in pain management have shifted from the traditional opioid based therapy to more of a multimodal approach. This may include, but is not limited to, non-opioid analgesics, cannabinoids, music, acupuncture, and modalities that act on different pain receptors than the opioid receptor. Strategies to employ non-opioid pharmacological agents have shown success with acetaminophen, ketamine, and lidocaine. These agents can be utilized both alone and in conjunction with opioid therapies both enhancing patient satisfaction and allowing for reduced doses of opioids hence potentially reducing the risk of serious adverse effects. This session will discuss the roles particularly of these 3 agents.

Christine Brent

Drones are Coming

Rural areas pose a challenge to obtaining medical care. Drones are a possible solution to help ease those challenges. They can be programmed to bring supplies, medicines, and lifesaving treatments to those in need quicker than ordinary methods. This course will discuss our current drone program, as well as the hopes for the future.

Professor Vic Strecher

Life On Purpose: How Living for What Matters Most Changes Everything

Socrates said that an unexamined life is not worth living. Aristotle went further to say that a purposeless life is not even worth examining. Vic Strecher examines the importance of purpose to health and well-being, and ways of creating greater life purpose. His presentation spans ancient philosophy to the latest scientific research, covering the history and philosophy of purpose in life, benefits of a strong purpose in life, and finding purpose and living a more purposeful life.

Dr. Janice Firn

A Case-Based Approach to Clinical Ethics

This interactive, customized session will address ethical dilemmas and concerns faced directly by participants to prepare them to manage issues arising in their own professional practice.

Dr. Mark Lowell

Adult Case Study

Adult case study and education on poly-substance overdose (metformin, etc.) will be presented. Present an adult case study to engage the learners in discussion regarding their thoughts on diagnosis. Discuss the official diagnosis of the case study being presented. Education on the diagnosis of the drugs involved will be provided to the learners. Additionally, initial, and long-term management of a poly-substance overdose, including metformin with associated complications will be discussed by the speaker. Learners will have the opportunity for discussion and questions with the speaker during the presentation