Lecture summaries

Karen Roach

RVT, VTS(ECC)
Veterinary Technician Trainer
Mount Laurel Animal Hospital, Mount Laurel, NJ, United States of America

You're My Hero: Smoke Inhalation

Picture the scene....the door to the treatment room opens....a fireman in full gear walks in, carrying a cat in his arms, oxygen mask held to its face. This everyday hero has saved the patient from the fire, but now it's up to you! What damage can be caused from smoke inhalation? What can you expect to see? What do you monitor for? What will you be treating for? What are the chances you can save this patient?

Learning goals

1. What damage can smoke inhalation cause to our patients?
2. What symptoms will we see in patients presenting with smoke inhalation +/- thermal burns?
3. What are some of the immediate treatments these patients will need?
4. What are the chances of smoke inhalation and thermal burn patients recovering?

The Sweetness That Could Kill You: DKA

Diabetic ketoacidosis, one of the most challenging and interesting metabolic conditions to treat. It is so much more than just a mildly sick diabetic patient, and you need all your nursing skills and knowledge to successfully treat this problem. Having a DKA patient recover and go home is one of the most rewarding things you will experience, but how do you get them to that point?

Learning goals

1. What exactly is DKA, and what do we need to know about it?
2. What signs and symptoms are we likely to see?
3. What diagnostics are most important?
4. What is the treatment plan?
5. What is the prognosis, and how do underlying or concurrent diseases play a role in this?

State of the Undead: Post-Arrest Care

Your patient was dead...now it's not....NOW WHAT?? What are the things to expect and monitor for in a post arrest patient that actually achieves ROSC? What has happened to the patient's body in that time period where it wasn't alive, and what complications can arise from that?

Learning goals

1. What exactly happens in a patient's body when it has been dead for a period of time?
2. What complications can arise from what happened while the patient was for all intents and purposes, dead?
3. What monitoring and treatments are most important during the post arrest period?

Medical Math and CRIs: Removing the Fear Factor

Does the thought of having to perform medical math, especially working out a CRI cause you to panic and sweat? It truly does not have to be that way; you CAN learn medical math! This lecture will cover why it is important for you to know how to do math, a little review on the medications you are doing math for, and step by step instructions on the actual math itself.

Learning goals

1. Why is it so important that learn how to do medical math and not just use a spreadsheet of some kind that does it for us?
2. Review of some of the medications that we use in ECC, just so it's not all numbers!
3. Step by step instructions of how to work out CRIs.
4. We will also cover dilutions and percentages.