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Cardiovascular-renal axis disorders

Although we often look at individual organ systems in isolation of one another, there is a great deal of organ cross talk in health and disease. The heart and kidneys have many overlapping and sometimes competing mechanisms of adaptation to injury and disease. Cardio-renal syndrome is well defined in human literature and more recently has been the focus of a veterinary consensus group. This presentation will describe the human and veterinary classification systems of cardiovascular-renal disorders (CvRD) and the significance in our patients. As our understanding of this important syndrome grows, clinical recommendations can be developed to balance the support for both of these organ systems.

Kidney Replacement Modalities: What are the options?

Attendees will gain understanding of how to navigate convective, diffusive, and hybrid therapies to maximize safe clearance of uremic solutes in kidney failure. This session will take a deep dive into the physiology behind traditional continuous and intermittent therapies while outlining the pros/cons of each. Additionally, a description of the technical aspects of kidney replacement platforms will be discussed.

Immediate vs delayed surgery in ER

Historically emergency surgery for pyometra, gastrointestinal foreign bodies, hemoabdomen, and GDV were an automatic call in for the surgery team regardless of the time of night. A number of recent studies have looked at the outcomes in delayed surgery. Should we wait for tomorrow or advocate for immediate surgery overnight for our patients?

In this panel discussion, we will review the literature and outcomes around immediate vs delayed surgery for abdominal conditions to develop an evidence-based confidence for patient advocating around timing of emergency surgery for abdominal conditions.