

## **Lindsey Ashburner**

### **When sugar turns sour: Feline DKA**

Diabetic ketoacidosis (DKA) is a serious complication that can occur if diabetes mellitus is not diagnosed in time, or a previously stable diabetic patient decompensates. These patients are challenging but incredibly rewarding to nurse. Within this lecture I aim to cover the pathophysiology of DKA, clinical signs and diagnosis, commonly seen electrolyte disturbances, treatment, and nursing considerations to include the placement and use of a sampling line and the provision of nutrition.

### **Saving nine lives: Feline blood transfusions**

Blood transfusions can be a life-saving treatment for our feline patients presenting with severe anaemia and coagulopathies and is a treatment that veterinary nurses can be actively involved in. These transfusions however do not come without risks to both the donor and the recipient, and many aspects need to be considered. In this lecture I will cover the various causes for the requirement of a blood transfusion, donor selection and collection of a blood donation, pre-transfusion testing, transfusion administration and monitoring as well as possible transfusion reactions and xenotransfusions.

### **Widening our horizons: How VN's are looking towards human centred nursing to improve patient care**

The One-Health Initiative is a worldwide strategy that aims to increase collaborations between human medicine, veterinary medicine, science, agriculture, and disease control bodies, resulting in improved human and animal health. My goal for this lecture is to highlight how we as VN's can work alongside human centred nurses to learn from each other and improve the health and wellbeing of our patients as well as reducing environmental harm. We will also be hearing from human nurses about how this relationship can be beneficial to all parties involved.