



**Saturday 11<sup>th</sup> October 2025 | Beckbury 1 & 2 | 08:45-09:45**

**Speaker:** Keith Simpson BVSc MRCVS MIET and Karen Heskin BVSc CertSAO MSc(VAA) MRCVS

**Title:** Capnography Essentials – Burtons Clinical Teaching



Keith Simpson qualified from Bristol Vet School in 1986 and began his career in mixed practice in North Devon. In 1992 whilst still in practice, Keith started Vetronic Services and in 1996 became a member of the Institute of Engineering and Technology. Keith grew the business over the next 25 years by designing and developing veterinary-specific monitors and ventilators, many of which are now used world-wide. Keith now heads up the in-house Clinical Team at Burtons Medical, developing innovative CPD, as well as focusing on new product design. Keith has been teaching ventilation and monitoring principles for over 20 years.



After qualifying from the University of Liverpool, Karen started her veterinary career as a small animal GP. Achieving the RCVS CertSAO then led to more than a decade in human orthopaedic research and veterinary orthopaedic referrals. A change of direction as a Veterinary Technical Manager, with an almost exclusive focus on anaesthesia, steered her towards an MSc in Veterinary Anaesthesia and Analgesia, and in July 2024 Karen joined the Clinical Team at Burtons Medical Equipment Ltd as Veterinary Clinical Consultant (Anaesthesia).

### **Synopsis:**

It is agreed amongst veterinary anaesthetists that capnography is probably the most informative monitoring modality available, and the recently published American College of Veterinary Anaesthesia and Analgesia Monitoring Guidelines state capnography should be utilised as a minimum in all anaesthetised cats and dogs.

Using practical demonstrations to illustrate key concepts, the discussion will take you on the journey of carbon dioxide in our patients and will examine why normocapnia should be maintained. The consequences of straying outside the normal end tidal CO<sub>2</sub> range, and examples of commonly seen traces and their management, will be considered.

Suitable for all levels of experience, there will be plenty of opportunities to ask questions and interact with Keith and Karen.