Saturday 11th October 2025 | Beckbury 1 & 2 | 10:15-11:15

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

Title: Capnography: Delving Deeper – 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:

This stimulating discussion will examine how to get more out of our capnographs. Building on the "Capnography Essentials" session, it is also suitable for those with experience of capnography and interpreting traces.

The discussion will be filled with practical demonstrations to illustrate and clarify the main learnings including:

- Whether the traces and figures we see on the screen actually tell us what we have traditionally been told they tell us.
- Lower flow anaesthesia - how capnography can be used to reduce and fine-tune fresh gas flow rates in non-rebreathing systems such as the Lack, mini-Lack, Magill, paediatric T-piece or Bain.

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