

# FREE LIVE WEBINAR:

## MANAGING THE CHALLENGE OF ANAESTHETIC HYPOTHERMIA IN OUR VETERINARY PATIENTS



**Monday 12th February**  
**Start 20:00 UK Time**

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Vi are delighted to welcome back board-certified anaesthesia specialist Dr. Colin Dunlop for another live, interactive webinar session on managing the challenges of anaesthetic hypothermia. Hypothermia (body temperature below 36°C) occurs in up to 80% of canine and feline patients under general anaesthetic, and has significant implications for patient welfare, recovery times from GA and staff resources in terms of recovering patients. Causes of anaesthetic hypothermia include small body size relative to body surface; vasodilation due to the action of pre-medication drugs; inhalation of dry, cold anaesthetic gases; loss of heat from open body cavities during surgery; and lack of shiver response whilst anaesthetised. Colin will share his extensive practical knowledge and experience in this field to offer a deeper understanding of the physiology of heat loss, its implications and consequences. He will also deliver advice, hints and tips around the rational use of warming equipment for pre-medicated, anaesthetised and recovering patients, with a focus on patient safety, and the economics and environmental impact of patient warming devices.

This session will be suitable for any veterinary professionals with an interest in ensuring/improving the welfare of patients pre-, during, and post-surgery. Veterinary Surgeons, Veterinary Nurses, patient care staff and any other members of veterinary practice staff are all very welcome to attend.

### Meet the Speaker



Dr Colin Dunlop BVSc Dip. ACVAA is a graduate of the University of Sydney and a Specialist in Veterinary Anesthesia. His career path includes House Surgeon (University of Glasgow), Resident in Anesthesia/Critical Patient Care, (University of California, Davis), Assistant Professor 'Clinical Sciences', Associate Professor and Chief of the Anesthesia Section (Colorado State University).

Colin is a Diplomate of the American College of Veterinary Anesthesiologists. His research interests include prevention of anesthesia morbidity and mortality. He consults in anesthesia and critical care for small and large animal practice, biomedical research and provides Continuing Education programs for veterinarians and veterinary nurses world-wide.

### Agenda:

- Causes of anaesthetic hypothermia
  - Clinical grading
- Consequences of hypothermia for the patient and the practice
  - Introducing the Cozy warm air system
  - Incorporating heated breathing circuits into your practice
- Review of other warming systems from patient safety, environmental and economic perspectives
  - Advantages of pre-warming patients
    - Maintaining your equipment

**This webinar will be conducted via Zoom. The session will be approximately 90 minutes and will include the opportunity for Q&A. An attendance certificate will be provided for all attendees at the live session.**



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