

Title: A Global Survey on the Clinical Use and Perceptions of Acetaminophen in Veterinary Medicine: Call for Participation

Acetaminophen (paracetamol) is widely used in human medicine and increasingly applied off-label in veterinary species, particularly when NSAIDs are contraindicated. However, the extent and manner of its clinical use across species remain largely undocumented.

To address this gap, we have developed an anonymous, web-based global survey aimed at all veterinarians, regardless of specialization; including those working in general practice, referral clinics, academia, research or other clinical settings. The survey contains 26 questions in multiple-choice, Likert-scale, and open-ended formats. Topics include clinical indications, species treated, dosing protocols, treatment duration, frequency of use, adverse effects, regulatory status, and self-assessed knowledge of acetaminophen pharmacology.

The survey was reviewed by board-certified veterinary anesthesiologists and clinical pharmacologists for clarity and clinical relevance. This survey is part of a larger research project investigating how species-specific differences in acetaminophen metabolism influence susceptibility to toxicity across animal species. No clinical interventions or patient data are involved in this phase of the research.

The survey was launched in November 2025 and will remain open through May 2026 to enable broad international participation. Preliminary outreach has already revealed wide variability in the perceived safety and use of acetaminophen, particularly in exotic animal species. Data from recent national studies, such as one conducted in the UK, indicate that over 70% of veterinary surgeons are now more likely to prescribe acetaminophen than a decade ago, with most reporting minimal side effects (Bello, Dye, 2023).

This study will provide a global overview of current veterinary practice patterns regarding acetaminophen use and aims to identify knowledge gaps, species-specific concerns, and barriers to broader, evidence-based applications.

Bello AM, Dye C. Current perceptions and use of paracetamol in dogs among veterinary surgeons working in the United Kingdom 2023;9:679–86. <https://doi.org/10.1002/vms3.1058>.