

### **Evidence to Support Feline Anesthetic Protocols**

- 1. Evaluation of the Clinical Efficacy and Safety of Dexmedetomidine or Medetomidine in Cats/Dogs and Their Reversal with Atipamezole 2006/07, Granholm M et al.
- Clinical Efficacy and Safety of Dexmedetomidine Used as a Preanesthetic Prior to General Anesthesia in Cats 2012, McSweeney P et al.
- 3. Evaluation of Dexmedetomidine and Ketamine in Combination with Various Opioids as Injectable Anesthetic Combinations for Castration in Cats 2011, Ko JC et al.
- 4. Evaluation of the Sedative and Cardiorespiratory Effects of Dexmedetomidine, Dexmedetomidine-Butorphanol, and Dexmedetomidine-Ketamine in Cats 2003, Selmi AL et al.
- 5. Prepubertal Gonadectomy in Cats: Different Injectable Anaesthetic Combinations and Comparison with Gonadectomy at Traditional Age 2015, Porters N et al.
- 6. The Effect of Dexmedetomidine Against Oxidative and Tubular Damage Induced by Renal Ischemia Reperfusion in Rats 2015, Cakir M et al.
- 7. The Effect of Dexmedetomidine on Nutrient Organ Blood Flow 1996, Lawrence CJ et al.
- 8. Effects of a Dexmedetomidine Constant Rate Infusion and Atropine on Changes in Global Perfusion Variables Induced by Hemorrhage Followed by Volume Replacement in Isoflurane-Anesthetized Dogs. 2014, Candido TD et al.
- 9. Doppler Echocardiographic Effects of Medetomidine on Dynamic Left Ventricular Outflow Tract Obstruction in Cats. 2002, Lamont L et al.
- 10. Effects of a Medetomidine-Midazolam-Butorphanol Combination on Renal Cortical, Intestinal and Muscle Microvascular Blood Flow in Isoflurane Anaesthetized Dogs: a Laser Doppler Study. 2000, Pypendop B et al.



# **Evidence to Support Canine Anesthetic Protocols**

- 1. Hemodynamic Influence of Acepromazine or Dexmedetomidine Premedication in Isoflurane-Anesthetized Dogs 2015, Grasso SC et al.
- 2. Anaesthetic Induction and Recovery Characteristics of a Diazepam-Ketamine Combination Compared With Propofol in Dogs 2015, Ferreira JP et al.
- 3. Effects of Acepromazine-Morphine and Acepromazine-Methadone Premedication on the Minimum Alveolar Concentration of Isoflurane in Dogs 2015. Monteiro ER et al.
- 4. Hemodynamic Influence of Acepromazine or Dexmedetomidine Premedication in Isoflurane-Anesthetized Dogs 2015, Grasso SC et al.
- 5. Multivariable Analysis of Anesthetic Factors Associated With Time to Extubation in Dogs 2014, Kleine S et al.
- 6. Incidence of and Risk Factors for Postoperative Regurgitation and Vomiting in Dogs: 244 Cases (2000-2012)2015, Davies JA et al.
- 7. Heartworm-Positive Dogs Recover Without Complications from Surgical Sterilization Using Cardiovascular Sparing Anesthesia Protocol 2014, Petersen KM et al.
- 8. Effects of Maropitant, Acepromazine, and Electroacupuncture on Vomiting Associated With Administration of Morphine in Dogs 2014, Koh RB et al.
- 9. Randomized Clinical Trial of the Effects of a Combination of Acepromazine With Morphine and Midazolam on Sedation, Cardiovascular Variables and the Propofol Dose Requirements for Induction of Anesthesia in Dogs 2014, Monteiro E et al.
- 10. Effect of Dexmedetomidine Vs. Acepromazine-Methadone Premedication on Limb to Lung Circulation Time in Dogs 2013, Rocchi A.



#### Evidence to Support NSAID (Nonsteroidal Anti-Inflammatory Drug) Perioperative Use

- 1. Involvement of Inflammation in Severe Post-Operative Pain Demonstrated by Pre-Surgical and Post-Surgical Treatment With Piroxicam and Ketorolac 2012, Fujita I et al.
- 2. Efficacy of Tolfenamic Acid and Meloxicam in the Control of Postoperative Pain Following Ovariohysterectomy in the Cat 2008, Benito J et al.
- 3. Comparison of Injectable Robenacoxib Versus Meloxicam for Perioperative Use in Cats: Results of a Randomised Clinical Trial 2012, Kamata M et al.
- 4. Comparison of the Analgesic Effects of Meloxicam and Carprofen Administered Preoperatively to Dogs Undergoing Orthopaedic Surgery 2004, Laredo F et al.
- 5. Robenacoxib Versus Meloxicam for the Control of Perioperative Pain and Inflammation Associated With Orthopaedic Surgery in Cats: A Randomised Clinical Trial 2015, Speranza C et al.
- 6. Efficacy and Safety of 3 Versus 5 Days of Meloxicam as an Analgesic for Feline Onychectomy and Sterilization 2012, Ingwersen W. et al.
- 7. Evaluation of Subcutaneous and Oral Administration of Robenacoxib and Meloxicam for the Treatment of Acute Pain and Inflammation Associated With Orthopedic Surgery in Dogs 2011, Gruet P et al.
- 8. Evaluation of Glomerular Filtration Rate in Cats With Reduced Renal Mass and Administered Meloxicam and Acetylsalicylic Acid 2013, Surdyk K et al.
- 9. A Retrospective Analysis of the Effects of Meloxicam on the Longevity of Aged Cats With and Without Overt Chronic Kidney Disease 2012, Gowan RA et al.
- 10. Changes in Platelet Function, Hemostasis, and Prostaglandin Expression After Treatment With Nonsteroidal Anti-Inflammatory Drugs With Various Cyclooxygenase Selectivities in Dogs 2007, Brainard BM
- 11. Effects of Meloxicam on the Haemostatic Profile of Dogs Undergoing Orthopaedic Surgery 2005, Kazakos GM et al.



## Evidence to Support Reduced Preoperative Fasting and/or Feeding

- Incidence of and Risk Factors for Postoperative Regurgitation and Vomiting in Dogs: 244 Cases (2000-2012)2015, Davies JA et al.
- Gastro-Oesophageal Reflux During Anaesthesia in the Dog: The Effect of Preoperative Fasting and Premedication 1995, Galatos AD et al.
- Preoperative Fasting: An Outdated Concept? 2005, Diks J et al.
- Hypoglycemic Bradycardia and Circulatory Collapse in a Dog and a Cat 2005, Little CJ et al.
- Perioperative Care in an Animal Model for Training in Abdominal Surgery: Is it Necessary a Preoperative Fasting? 2011, Alves JR et al.
- The effect of Pre-Anaesthetic Fasting Time and Type of Food on Gastric Content Volume and Acidity in Dogs 2009, Savvas I et al.

#### **General References**

- 1. Anesthesia in Shelter Medicine 2010, Ko JC et al.
- 2. Anesthetic Management in Animal Shelters 2011, Robertson S.
- 3. Anesthesia and pain management of Shelter Populations 2015, Looney AL
- 4. The Association of Shelter Veterinarians Veterinary Medical Care Guidelines for Spay/Neuter **Programs** 2010, Looney AL