

Crossroads Veterinary Hospital

Pre-Anesthetic Blood Testing Information Sheet

What you should know about anesthesia and your pet

Our greatest concern is the wellbeing of your pet. In addition to a pre-anesthetic examination and to ensure your pet can properly process and eliminate anesthesia, we highly recommend running blood tests to make sure your pet's organs are functioning properly and to detect hidden health conditions that may put your pet at an increased risk for complications.

Your pet's veterinarian will recommend specific tests that are appropriate for your pet based on their age and current condition. These tests will alert us to the presence of dehydration, anemia, infection, diabetes and/or kidney or liver disease that could complicate the procedure. These conditions may not be detected **without** a pre-anesthetic blood profile thus not allowing for the most appropriate and safest anesthetic regime to be administered. These tests are similar to those your own physician would run if you were to undergo anesthesia. In addition, these tests may be useful if your pet's health changes in the future to develop a faster, more accurate diagnoses and treatment.

**Our state of the art in-house lab enables us to perform pre-anesthetic blood profiles at our hospital.*

During your pet's intake appointment we will go over the doctor's specific recommendations. You will have the opportunity to either authorize or decline the tests at that time. The purpose of this form is to give you a greater understanding of the pre-anesthetic testing. The recommended tests may include the following components:

Complete Blood Count (CBC)

Provides detailed information about your pet's red blood cells, white blood cells, and platelets. Abnormal results may indicate anemia, infection, and/or bleeding or clotting disorders.

Pre-Anesthetic Panel includes the CBC along with

Alkaline Phosphatase (ALKP) Elevated levels may indicate liver disease, or Cushing's syndrome

Total Protein (TP) Abnormal levels may indicate a variety of conditions

Blood Urea Nitrogen (BUN) Abnormal levels may indicate dehydration, kidney or liver issues

Alanine Aminotransferase (ALT) Abnormal levels may indicate liver cell injury

Creatinine (CREA) Elevated levels may indicate kidney disease, urinary obstruction or dehydration

Blood Glucose (GLU) High levels may indicate diabetes, low levels may indicate liver disease or certain tumors

Electrolytes: Sodium, Potassium, Chloride (Na, K, Cl) Balanced electrolytes are vital to optimal health. Abnormal levels can be life-threatening

General Health Profile includes all the above *plus*

Amylase (AMYL) Elevated levels may indicate pancreatic disease (canine only)

Calcium (Ca) Elevated levels may indicate parathyroid disease, kidney disease or certain types of tumors

Cholesterol (CHOL) Elevated levels are seen in a variety of disorders

Gamma-Glutamyl Transferase (GGT) Elevated levels may indicate liver disease

Lipase (LIPA) Elevated levels may indicate pancreatitis, gastrointestinal disease and certain drug reactions (canine only)

Phosphorus (PHOS) Elevated levels may indicate kidney disease

Total Bilirubin (TBIL) Blood levels may indicate liver disease or certain types of anemia

Thyroxine (T4) Abnormal levels are useful in identifying thyroid disease

Total Health Profile includes all the above *plus*

Urinalysis (UA) May indicate infection, elevated glucose or protein levels

Feline Leukemia/Immunodeficiency Virus/ Heartworm (FELV/FIV/HW) Indicate serious, life- threatening diseases in cats (feline only)

Heartworm/Tick-Borne Disease (4DX Plus) These can cause serious diseases and, if left untreated, can be life- threatening (canine only)

We understand how unsettling it can be when your beloved pet will undergo an anesthetic procedure. The information presented in this packet is to help you make an informed decision regarding pre-anesthetic blood testing for your pet. We wish for your pet's procedure day as easy and stress-free as possible. Although it will not replace our one-on-one contact with you and your pet, we hope that it will serve as a source of information and comfort, as you can rest assured we adhere to the industry's very highest standards. We understand surgery and anesthesia are scary for both the owner and patient and we attempt to make surgery day as safe and comfortable for all involved. The physical examination and blood work done prior to any surgical procedure allows us to best minimize anesthetic and surgical risks and maximize patient safety.

If you have any questions or hesitations about pre-anesthetic blood testing or the scheduled procedure, please do not hesitate to call us to discuss any aspect of the upcoming procedure.

Please sign and date this form, indicating that you have read and understand the information.

Signature

Date

Printed name