

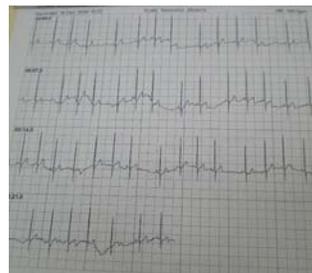
We have a wide array of advanced equipment and supplies to help us provide the very best care for your pet. Our surgical suite accommodates everything from routine procedures to critical emergency operations. Patients receive customized pre-anesthetic and anesthetic drugs based on their current condition, age, and breed. We use a very safe gas anesthetic, along with sophisticated monitoring and support equipment to ensure safety. Additionally, we have a trained technician dedicated to your pet throughout the entire procedure, monitoring vital signs and ensuring that our patients are warm and comfortable from the start of anesthesia throughout recovery.

Safety and comfort

We strongly recommend, and often require, pre-anesthetic blood testing prior to any anesthetic procedure. Anesthesia is processed primarily by the liver and kidneys. Our pre-anesthetic screens verify that these organs are functioning properly. Some other important levels we check are your pet's blood glucose and protein levels. A QBC (quantitative blood count) is done to evaluate your pet's white and red blood cells, as well as platelet levels. Low platelets can have a serious effect on the blood's ability to clot properly. These are all crucial steps to minimizing your pet's risk while under anesthesia. If abnormalities are found in the bloodwork, your pet's procedure could be delayed.

Test	Result	Reference Range	Indicator		
			LOW	NORMAL	HIGH
ALKP	= 107 U/L	23 - 212		■	
ALT	= 48 U/L	10 - 100		■	
BUN	= 17 mg/dl	7 - 27		■	
CREA	= 1.0 mg/dl	0.5 - 1.8		■	
GLU	= 117 mg/dl	74 - 143		■	
TP	= 5.4 g/dl	5.2 - 8.2	■		

An Electrocardiogram, or EKG, is performed prior to anesthesia to evaluate the rate and rhythm of the heart. Additional tests may be recommended if any abnormalities are found.



An intravenous catheter is placed in all pets to provide a port for anesthetic drugs and IV fluids to be given. Anesthesia can cause the blood pressure to decrease. IV fluids at a continuous rate help to maintain proper blood pressure and improve anesthetic recovery. Our hospital uses an infusion pump to appropriately regulate fluids for your pet. Fluid rates are selected for each patient based on their weight, anesthetic risk, and pre-anesthetic testing results. IV fluids also assist in processing the anesthesia, taking some of the work off the liver and kidneys. Another benefit is safety. Because of the risk of low blood pressure under anesthesia, it is very difficult to place an IV catheter should your pet

have a medical concern while under anesthesia. Without an IV catheter, critical drugs needed for emergency treatment may not be able to be given.



All animals placed under anesthesia have an endo-tracheal tube placed to provide continuous oxygen and gas anesthesia. The endo-tracheal tube protects the airway from fluids and secretions that may be produced. It also makes certain that the airway remains open.

We have a dedicated technician to monitor each pet while it is under anesthesia. Their sole responsibility is to monitor the pet's heart rate, oxygen saturation, respirations and temperature. While we utilize sophisticated monitoring equipment, nothing can replace human eyes and ears. Our surgical technicians are with your pet from the time it is placed under anesthesia until it is awake and transferred to recovery. Our recovery suite is in the main area of the hospital where patients are under constant supervision by our staff until discharged.



Since animals don't have the ability to tell us when they are in pain, it is our responsibility to access and prevent pain before it occurs. Pain medications are given to each pet prior to anesthesia. This ensures that your pet recovers as pain free as possible following their procedure. Pain medications for home are included in the pain management packages. All medications are tailored to each pet based on the nature of their procedure and medical status.