



EMERY & CARBON ANIMAL HEALTH

Treatment Plan for Spays and Neuters

Spaying and Neutering is a one-time procedure that prevents your pet from producing a litter of puppies or kittens. It eliminates the chance of testicular, ovarian & uterine cancer and reduces the chance of prostate and mammary cancer.

Diagnostics

- **Pre-Anesthetic Blood Work** : Checks vital organ functions, helps to determine safest anesthesia protocol and possible risks before anesthesia is given. We also do comprehensive blood work panels for senior pets and those who have chronic diseases or other concerns.

Primary Safety & Comfort Package An animal that has received pain control before and during surgery has a much easier time waking up after anesthesia and is more comfortable during recovery.

- **Intravenous catheter**: We do everything possible to be prepared for the unexpected. That is one of the main reasons for a catheter. In the unlikely event that we need to give emergency drugs, it can be done quickly. We also use the catheter to administer i.v. fluids.
- **Intravenous fluids** : Keeps blood pressure up and helps the liver and kidneys filter anesthetic drugs and flush them out. Your pet will have an easier time coming out of anesthesia and a quicker recovery from the anesthetic drugs in the 24 hrs following surgery.
- **Pre-emptive Pain Control**: It is a proven fact that when we get pain control started before the pain occurs we can control it better and we can decrease the amount of anesthetic drugs that are needed. The medication we use is a pet safe NSAID .
- **Local block**: Using a combination of lidocaine and marcaïn to numb the area that the Dr will make the surgical incision and it lasts for several hours after surgery.
- **Complete Blood Count**: A blood test that ensures that there are no problems like an underlying infection or anemia that may make anesthesia more risky.
- **Pain control to go home**: This is the same medication as the pre-emptive pain control that we give. This pain medication is to be given at home as directed to help aid in keeping your pet comfortable in the days following surgery. Studies have proven that animals that receive pain control recover and heal quicker than those that don't
- **Laser treatment**: A post-surgical laser treatment of the incision site(s) helps reduce inflammation and reduce healing time.



General Preventative Surgical Package

- **Surgical Package:**

- Pre-Anesthetic exam: Veterinarian checks vital signs and hydration to detect possible problems that may make anesthesia more risky such as a heart murmur or congested lungs.
- Pre-Anesthetic sedatives/medications: We carefully choose the proper medications based on age, physical exam, and blood work for your pet. Pre-medications allow us to keep stress levels low and decrease amount of anesthetics that we use.
- Anesthesia: This is carefully administered using an induction agent and then an inhalant anesthetic. We can keep your pet at the lightest possible level of anesthesia, just barely more than most sedatives, and can quickly adjust as needed. We place an endotracheal tube to protect the airway and lungs and to give oxygen and inhalant anesthetic. This increases safety and protects your pet.
- Vitals Monitoring: We have great equipment to monitor your pet during anesthesia. We can track blood pressure, heart rate, oxygen concentration, temperature, ventilation rate, and CO2 level. Plus we have a trained technician to monitor vitals continually during the entire procedure and while recovering from anesthesia.
- Surgery: This is time for the Dr to remove the reproductive organs: uterus and ovaries in females and testicles in males.

Important Message

We strive to provide best medicine and want what is best for your pet(s). Our goal is to help you to help your pets live a long, healthy, and happy life. Our choices for the way we handle your pet is based on scientific research and what is considered to be best practices. We often hear about client concerns over costs to perform these procedures. These are legitimate concerns, unfortunately we often have clients that due to misunderstanding of the importance of what we do in hopes to save money go elsewhere and assume that they are getting the same services. They don't realize that they may be getting less (doing fewer services) and paying more for the ones they are getting. Please talk to us about any concerns you may have about any health care for your pet(s) or costs of performing these procedures, the need for them, and what goes into it.