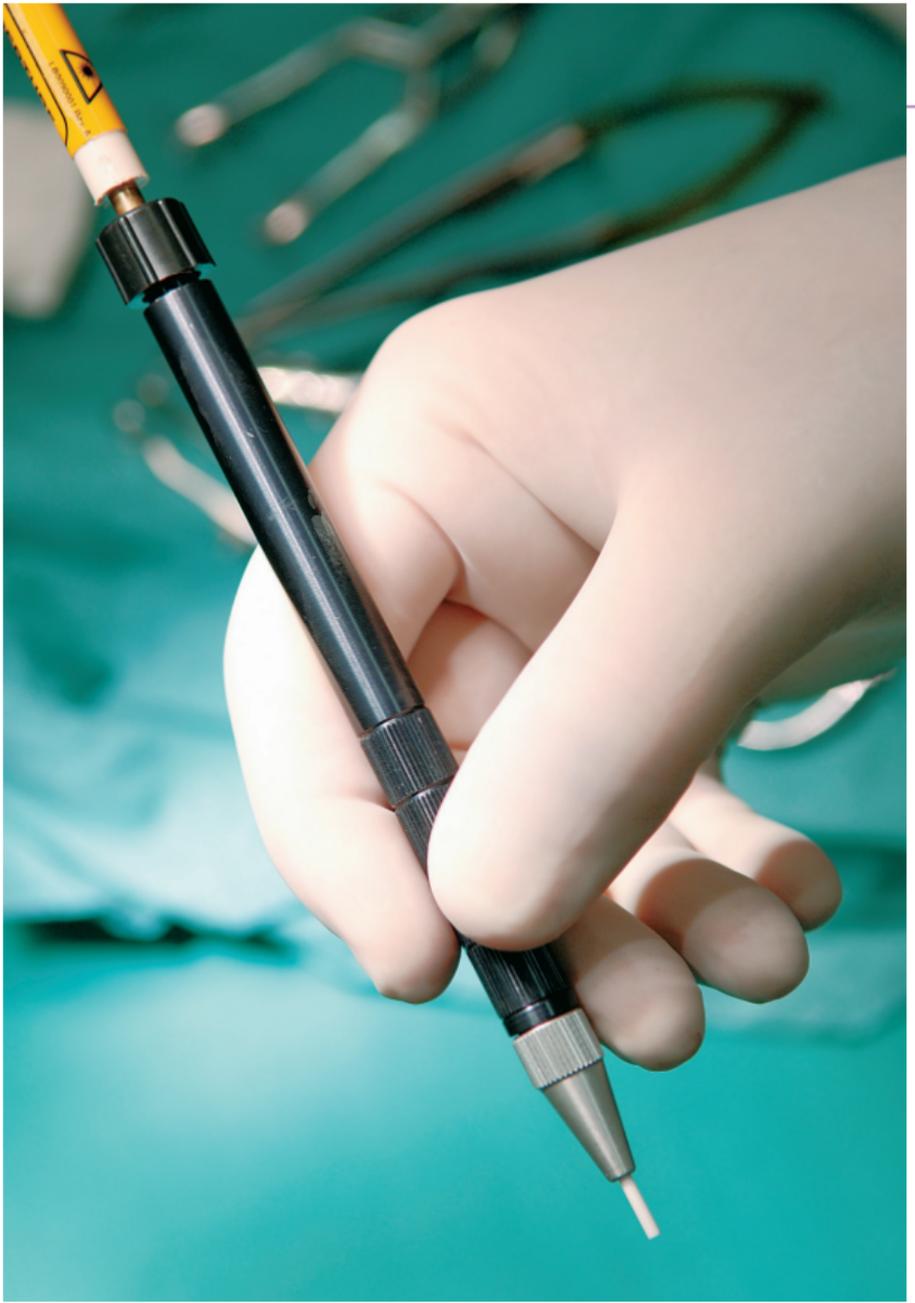




# Spay and Neuter





We use a CO<sub>2</sub> laser, resulting in less bleeding and less pain post-operatively.



# Spay and Neuter

---

Spaying and neutering are the most common surgical procedures performed in veterinary medicine. Female dogs and cats are spayed. This procedure involves the surgical removal of the ovaries and uterus. Male dogs and cats are neutered, this involves the surgical removal of the testicles.

The most obvious reason for this procedure is to prevent unwanted breeding. Additionally, there are both behavioral and medical reasons to consider. Intact (non-spayed/neutered) animals are prone to roaming (to find a mate), marking their territory (inappropriate urination), and aggression towards people and other animals. Intact animals are also predisposed to certain diseases such as mammary, prostate, and perianal tumors, as well as severe uterine infections.

Spaying and neutering is recommended at six months of age, before your pet has reached reproductive maturity. This procedure is performed under general anesthetic.

Upon admittance, surgical patients are examined. A heart rate, temperature, and brief exam are performed by a Registered Veterinary Technologist. Following examination, your pet receives injectable pain relief/sedation and is then ready for anesthesia. Once an intravenous line is established, anesthetic agents are administered. The surgical area is shaved and prepared for surgery. The veterinarian performs the surgical procedure and once completed, your pet is placed in recovery. If your pet is receiving a tattoo and/or microchip, this will also be done under anesthesia.

# Enhanced Services

---

At McLeod Veterinary Hospital, additional services are performed to ensure the best surgical outcome for your pet.

- Intravenous fluids are administered during most anesthetic procedures.\* IV fluids maintain an animal's hydration while under anesthetic. Additionally, the fluids assist in maintaining normal blood pressure, and provide a quick open port should additional drugs need be delivered.
- CO<sub>2</sub> laser is used for most surgical procedures\* as an alternative to a scalpel blade. An incision is created when the laser vaporizes the water in the cells. Blood vessels and nerve endings are sealed, resulting in less bleeding and less pain post-operatively.
- A monitoring device is connected to animals during anesthesia. This device monitors heart rate, blood pressure, and oxygen concentration.
- Animals undergoing a spay procedure are hospitalized overnight. This is recommended to allow your pet appropriate recovery. Animals are assessed the following morning prior to discharge.
- Additional pain relief is given to your pet post-surgery.
- Nails are trimmed upon recovery. Dogs nails are also sanded smooth with a dremel.

\* Except cat neuters, unless requested.



# Services to Consider Prior to Surgery

---

- Pre-surgical bloodwork is recommended prior to any anesthesia. This assesses kidney and liver function. Both of these organs are involved in the metabolism of anesthetic. It also assesses red blood cell and white blood cell counts. Underlying disease or illness may be present without any symptoms, and may be diagnosed with blood work. Additionally, these results provide the veterinarian with a base-line which may be referred to in the future.
- A microchip may be administered to your pet, while under anesthetic. A microchip is another means of identification. Tattoos are only recognized within the province of Manitoba. If traveling out of province a microchip is strongly recommended.



Our IDEXX laboratory enables us to analyse blood work on site.

# Happy to Assist You

---

It is our hope that the information in this brochure has been helpful. If at any time you have any questions or concerns, please contact our hospital at **(204) 661-3334** and we will be happy to assist you.

## Hospital Hours:

---

Monday – Friday.....8:00am to 9:30pm  
Saturday & Sunday.....8:30am to 3:00pm  
Appointments are necessary.

---



880 McLeod Avenue  
Winnipeg MB R2G 2T7

Ph: (204) 661-3334

Fax: (204) 661-0979

[www.mcleodvet.com](http://www.mcleodvet.com)

Email: [info@mcleodvet.com](mailto:info@mcleodvet.com)