

Pre-Anesthetic Procedures:

Exam by a Vet:

All patients should have a **complete physical exam.**

Temperature is 38.4° C, heart rate is 160/min, lungs and heart sound normal.



On the day of surgery, the patient will receive a **pre-anesthetic physical exam.**

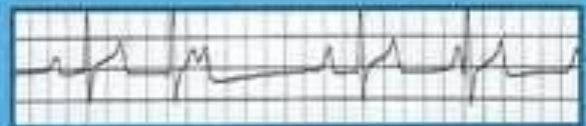
Lab work:

A **pre-anesthetic screen** checks blood and urine for abnormalities. ****Recommended****



Other Tests:

Blood pressure & ECG if a heart murmur or an arrhythmia is heard.



X-rays check the heart and lungs.



Anesthetic:

IV Fluids:

****Recommended****

A catheter is placed into a vein & gives fluids throughout surgery.

Benefits:

- Can adjust blood pressure
- Can give emergency drugs IV
- Can maintain hydration
- Better recovery



Endotracheal Tube:



A tube is placed in the trachea to protect the airway and maintain anesthesia.

Monitoring:

An assistant monitors the patient throughout the anesthetic and records the parameters every 5 minutes on an **anesthetic chart**.

Time	Heart Rate	Respiration Rate	Blood Pressure	SpO2	Temp	etCO2	ECG	Notes
08:00								
08:05								
08:10								
08:15								
08:20								
08:25								
08:30								
08:35								
08:40								
08:45								
08:50								
08:55								
09:00								
09:05								
09:10								
09:15								
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11:20								
11:25								
11:30								
11:35								
11:40								
11:45								
11:50								
11:55								
12:00								

I can measure heart rate, respiration rate, & blood pressure.

I can measure heart rate, ECG, respiration rate, blood pressure, etCO2, temperature, & SpO2.



Cardell
or
Doppler



Surgical Preparation:

The Surgeon:

I am doing a surgical hand wash before I put on my sterile gloves and gown.



Sterilization of Materials:



Drapes, surgery gowns, and surgical instrument packs are wrapped and sterilized in the **autoclave** (above).

Sterile single-use items:

- gloves
- suture material
- scalpel blades

Equipment:

- Indicator
- Tape
- Wraps



The Patient:



The patient is shaved and scrubbed before surgery to prevent infection.



Sterile Surgery:



A **sterile surgical pack** containing instruments and a drape are used for each surgery. The drape keeps the surgery site sterile.



The skin is incised (cut) down the midline of the belly.



Both ovaries and the uterus are each tied off twice before removing the entire reproductive tract.



The skin is closed in 3 layers with **absorbable suture material**.

Recovery



The patient is monitored closely by the anesthetist as she wakes up.



Blankets and a heating pad keeps the patient warm during and after surgery.

I can breathe and swallow on my own.



The tube is removed once the patient is ready.

Now I can't lick or chew at my incision, so I won't cause an infection or break down my sutures.



Before the patient is fully awake, she receives some **pain meds** (orally or injection).



A **buster collar** must be worn by all surgical patients.

In summary:

At Little Mountain Veterinary Clinic, our standards for every surgical patient include:

- A pre-anesthetic exam
- Pre-anesthetic lab test recommendations/requirements
- Individualized anesthetic protocols
- **Endotracheal tube** for oxygen/anesthetic delivery and protection of the airway
- Monitoring (recorded **every 5 minutes**) and recovery by a **Registered Animal Health Technologist** or assistant
- Transmission of disease between patients **DOES NOT** occur because we:
 - use **sterilized equipment**, drapes, and gowns
 - have a **surgical suite**, with specialized ventilation and lighting, used only for surgeries
 - use **single-use sterile scalpel blades, suture material** and **surgical gloves**
- Individualized **home-care instructions** and recommendations:
 - wear a Buster Collar
 - appropriate pain medications
 - follow-up appointments and procedure

Please ask our staff if you have any questions!