

# Laser Surgery

Your pet's health is as important to us as it is to you. We are pleased to offer laser surgery as an exciting new option for safe, comfortable treatment. In many procedures, the laser can replace the scalpel and provide a better alternative to traditional surgery. [Laser surgery means: Less Pain, Less Bleeding, and Less Swelling](#)

## What is a Laser?

A laser is a device that generates an intense beam of light at a specific wavelength

## How does a Laser work?

The way a particular laser works is determined by the specific wavelength of light that it produces. For example, the most commonly used surgical laser is a CO2 laser which produces an invisible beam of light that vaporizes the water normally found in the skin and other soft tissue. Because your veterinarian can precisely control the laser, only a thin layer of tissue is removed, leaving the surrounding areas unaffected.

## Why use a Laser?

[Less Pain](#) - Laser energy seals nerve endings as it moves through tissue. Your pet feels less pain post-operatively.

[Less Bleeding](#) - The laser seals small blood vessels during surgery, which allows your doctor to perform surgeries with extraordinary precision. This also speeds some procedures reducing the need for anesthesia.

[Less Swelling](#) - Laser surgery does not crush, tear or bruise because only a beam of intense light contacts the tissue.

## What Does This Mean For My Pet?

[Reduced risk of infection](#) - The laser sterilizes as it removes diseased tissue, killing bacteria that cause infection.

[Precision](#) - The laser can remove unhealthy tissue while minimizing adverse affects to healthy surrounding tissue.

[Quick return to normal activities](#) - Recovery is rapid and there is less post-operative discomfort.

## Are Lasers New?

Lasers have been successfully used on humans for over 30 years. This human experience is proving to be beneficial for pets and their owners. We are pleased to be among the first veterinary practices to offer laser surgery specifically for pets.

### [What Types of Procedures Can a Laser Perform?](#)

A laser is ideal for a wide variety of surgical procedures for dogs and cats. Laser surgery can correct many common conditions such as cysts, tumors, warts and infections that may occur around the eyes, ears, in the mouth, and anywhere on the skin. Specialized internal procedures are also possible. Your veterinarian will be able to tell you if your pet's procedure can be performed with a laser.