



Diagnostic Laparoscopy and Biopsy

A diagnostic laparoscopy can be performed when a mass or unusual structure has been identified. During diagnostic procedures, tissue samples can be taken for examination. The procedures are usually performed through two or three tiny incisions. The camera used for this procedure allows for significant magnification of the tissue. Improved visualization along with an ability to take tissue samples increases the veterinarian's ability to diagnose the disease and provide a treatment plan.

Minimally Invasive Spays

Laparoscopic spays are performed through two or three keyhole incisions. With reduced incision size, most pets will quickly return to normal activity and will not need pain relief following the procedure.

Sinus Exploration

Chronic sinus infections in our pets can be frustrating both to treat and diagnose. Through a minimally invasive technique, the sinuses can be visualized and tissue samples collected. This provides the veterinarian better diagnostic tools to treat the underlying cause of the infection.



The Animal Hospital At Lake Brandt

1012 Highway 150W
Summerfield, NC 27358
336-643-2229

www.theahlb.com

¹A study published in the Journal of the Veterinary Medical Association concluded laparoscopic spays caused less surgical stress and up to 65% less postoperative pain than a traditional surgical spay.

¹Devitt, Chad, DMV, MS, DACVS. "Duration, Complication, Stress and Pain of Open Ovariohysterectomy Versus a Simple Method of Laparoscopic-Assisted Ovariohysterectomy in Dogs." Journal of the American Veterinary Medical Association Volume 227, Number 6 (September 15, 2005)

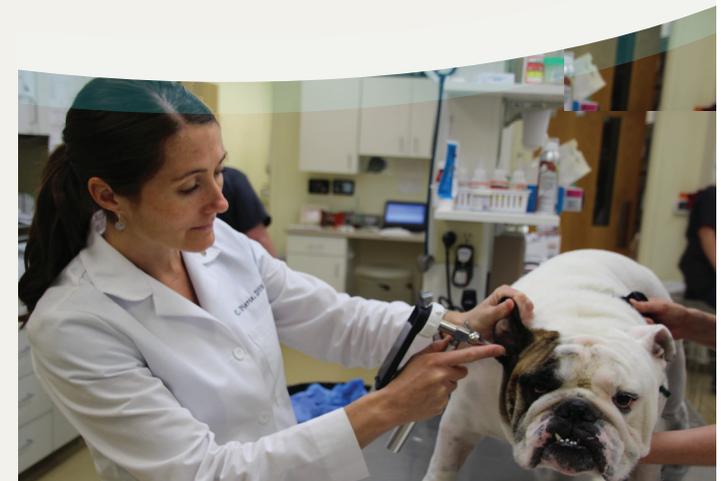
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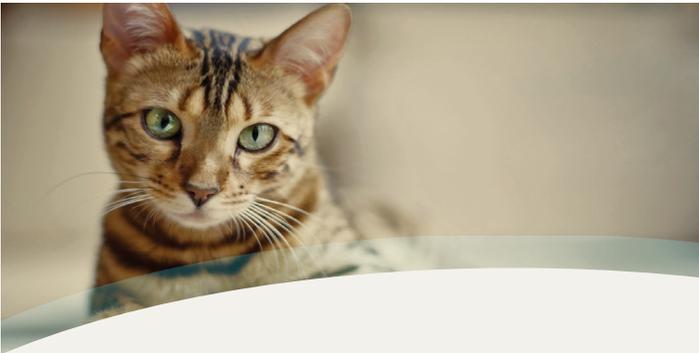
Affordable Minimally Invasive Solutions

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Minimally Invasive Surgery

A more comfortable option, offering your pet up to 65% less pain than traditional surgery¹





What is Laparoscopy?

Laparoscopy can be performed to diagnose an unusual structure or mass that has been identified by x-ray or ultrasound. The additional benefit is the ability to actually biopsy the structure for testing purposes. A laparoscope (camera) and tiny instruments are inserted through small “keyhole size” incisions in the abdomen. Over the past 15 years, laparoscopy has become the standard of care in human medicine and has significantly reduced recovery time in people. The same is true for our pets.

- This 5mm spot depicts the size of the incision through which the procedure will be performed.

What is the Difference?

In recent years, laparoscopy has been adopted as a safer and more comfortable alternative to traditional surgery.

The keyhole incisions made with the laparoscope technique allow for rapid healing and reduced pain versus the larger incisions made with traditional open surgery. During laparoscopy, tissue is delicately separated and vessels are sealed with a tissue sealing device, removing the risk of suture reactions. Because of the camera magnification, the visualization of internal structures is significantly improved over the naked eye, allowing for better diagnostics.

Advanced Veterinary Medicine

The Animal Hospital at Lake Brandt is one of only a few hospitals in the region to offer minimally invasive options for many common procedures in veterinary medicine. This approach is safer and more comfortable, providing faster healing and quicker return to normal activity compared to traditional open surgery. We believe in offering the best care for our patients.

Advantages of Laparoscopy Over Traditional Surgery

- Keyhole incisions are more comfortable and reduce recovery time.
- Tissue sealing minimizes the risk of blood loss and eliminates the risk of suture reaction.
- Allows for excellent visualization of abdominal organs.
- The entire surgery is performed through a few tiny incisions rather than a larger abdominal opening, decreasing bruising and discomfort.

