

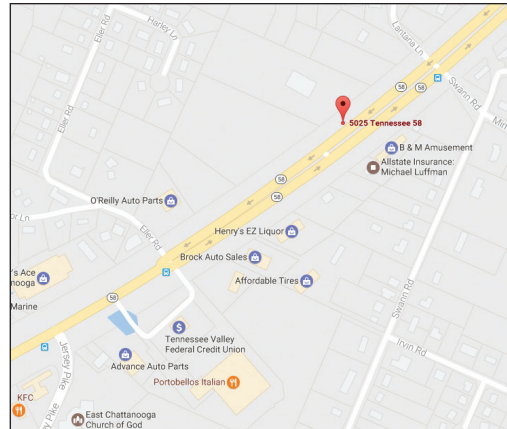
Laparoscopy and Thoracoscopy are minimally invasive surgical techniques in which abdominal or thoracic surgeries are performed through small incisions of 1cm or less. Typically between 1 and 3 incisions are made through which the scope and instruments are introduced into the abdomen or thorax. Magnified images of the internal organs are visible on a high definition monitor.

#### Laparoscopy offers:

- 🐾 More thorough examination of the tissue than with open surgical approaches
- 🐾 Less intra-operative tissue trauma
- 🐾 Less blood loss
- 🐾 Reduced risk of infection
- 🐾 Less post-operative pain for the patient

#### Reasons to have surgery performed laparoscopically:

- 🐾 Better visualization for the surgeon of the disease process for treatment
- 🐾 Can be both diagnostic and therapeutic
- 🐾 Less invasive than an traditional open surgical approach
- 🐾 Smaller incisions offer quicker recovery time and lower risk of infection
- 🐾 Less scar tissue formation



*Consult with your veterinarian regarding referral for evaluation and surgery.*



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MINIMALLY INVASIVE SURGERY

Laparoscopy + Thoracoscopy

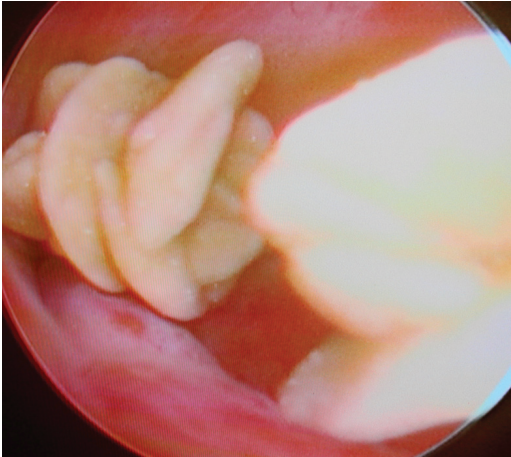


## LAPAROSCOPY + THORACOSCOPY



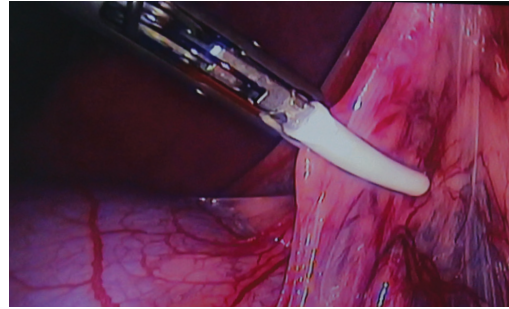
### + Prophylactic gastropexy

Prophylactic gastropexy is recommended for all at-risk breeds. Laparoscopy allows excellent visualization and very quick recovery times.



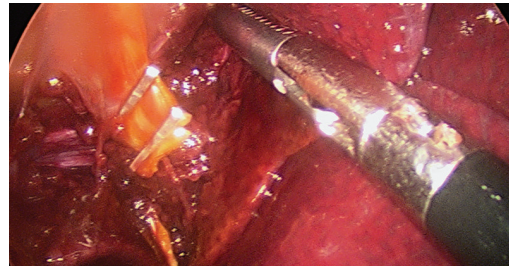
### + Cystoscopy

This procedure is used to examine the bladder with a scope to remove stones and take tissue samples.



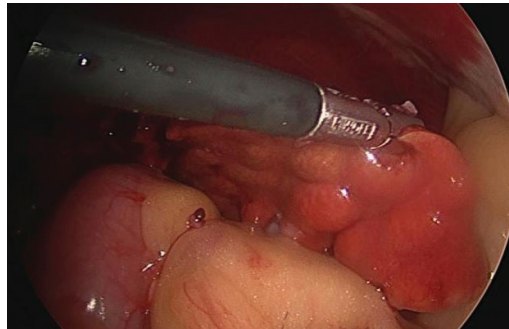
### + Ovariohysterectomy

Patients with potential bleeding disorders and those undergoing other laparoscopic procedures are great candidates for a laparoscopic ovariectomy or ovariohysterectomy.



### + Cholecystectomy

Cholecystectomy is the removal of the gall bladder through small incisions in the abdomen.



### + Liver Biopsy

Direct visualization during laparoscopy provides more comprehensive information than ultrasound.



### Minimally Invasive laparoscopic procedures offered at Highway 58 Animal Hospital:

- 🐾 Spay with gastropexy
- 🐾 Liver & pancreatic biopsy
- 🐾 Cholecystectomy
- 🐾 Adrenalectomy
- 🐾 Cystotomy

### Minimally Invasive thoracoscopy procedures offered at Highway 58 Animal Hospital:

- 🐾 Lung biopsy
- 🐾 Paricardectomy

### Key benefits associated with minimally invasive surgery:

- 🐾 Less invasive for the patient
- 🐾 Quicker return to normal activity
- 🐾 Improved visualization increases ability to better diagnose and treat
- 🐾 Reduced infection rates