



## Consultation Appointments

If you are interested in scheduling a consultation appointment for your pet to find out if a minimally invasive procedure is available for your pet's condition, we encourage you to first visit:  
[www.fiberopticvet.com/resources/for-pet-owners/](http://www.fiberopticvet.com/resources/for-pet-owners/)

Click on the link under "Promotions" for a printable certificate redeemable for a free consultation. Of course, please feel free to contact us by phone, email, or visit our websites for more information. 925/201-3400 or 510/595-4600, [info@vscdsurgerycenters.com](mailto:info@vscdsurgerycenters.com), [www.fiberopticvet.com](http://www.fiberopticvet.com), [www.vscdsurgerycenters.com](http://www.vscdsurgerycenters.com)



...LESS PAIN  
**more play...!**

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With offices in:  
**Berkeley**  
**Dublin**

To reach us by phone,  
please call:  
**925/201-3400**  
or **510/595-4600**

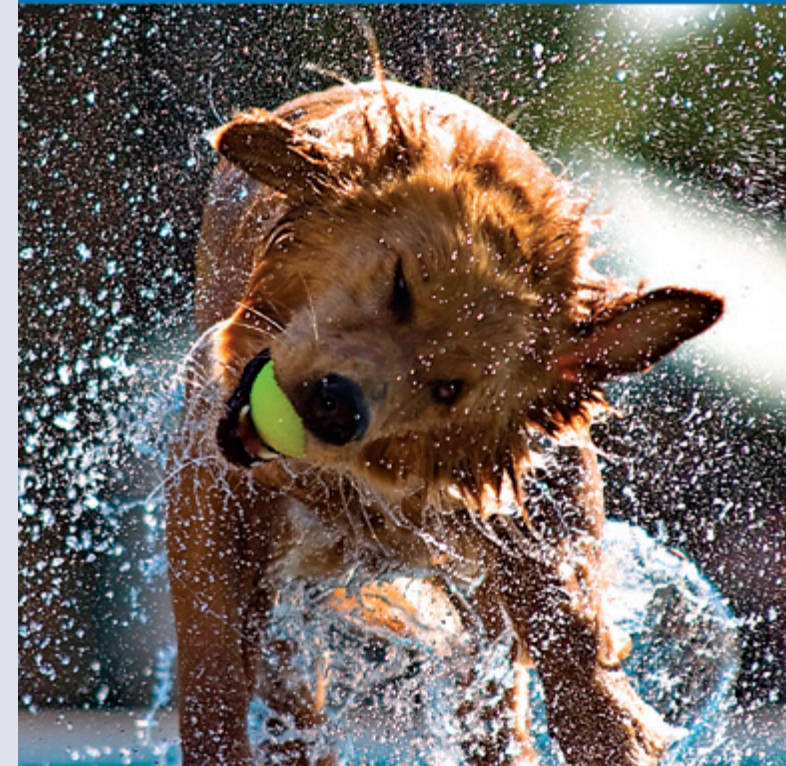
Email us at:  
[info@vscdsurgerycenters.com](mailto:info@vscdsurgerycenters.com)



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## Techniques and Applications in Soft Tissue Surgery



Come. Sit. Stay.  
**Heal...**

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

## ***New surgical technique provides shorter hospital stays and quicker patient recovery!***

The advent of fiber optics and minimally invasive techniques within both human and veterinary medicine has introduced many new diagnostic and therapeutic practices. Prior to these new techniques, traditional surgical approaches mandated longer hospital stays with potentially prolonged recoveries. Minimally invasive surgery can be used to perform many different operations throughout the body and provides enhanced visualization and access to structures with nominal trauma. Simply put, it produces better results for your companion. While minimally invasive procedures are not suitable for every patient or every situation, we encourage you to discuss the best choice of surgical technique with us and with your family veterinarian.

## **Minimally Invasive Surgery**

This is a collective term for surgical techniques designed to minimize the intrusive nature of a traditional surgical approach while still maintaining medical precision, effectiveness and efficiency. Minimally invasive surgery:

- Reduces surgical trauma and morbidity
- Simplifies peri- and post-operative pain management and reduces discomfort
- Accelerates recovery (less time in the hospital with more rapid return to normal activity)



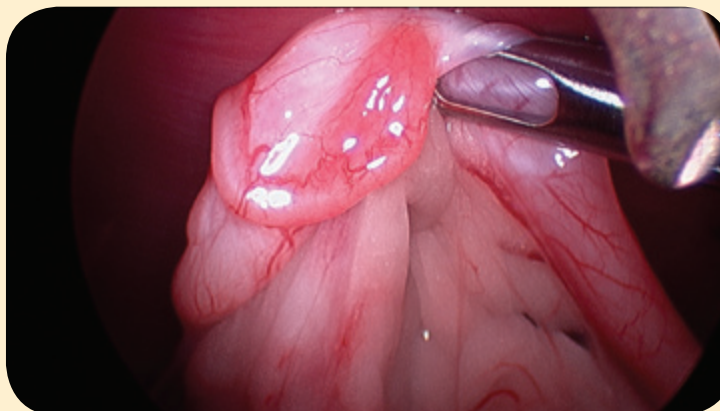
*Comparison of a traditional abdominal incision (left) vs. minimally invasive surgical incision for gastropexy procedure (right).*

## **Minimally Invasive Procedures and Techniques**

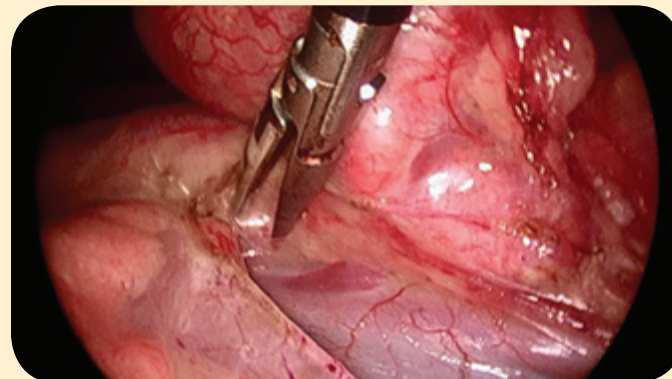
Below is a list of minimally invasive procedures we offer as alternatives to traditional “open-approach” surgeries. We are regularly adding to this list as we develop further areas of expertise and acquire new state of the art equipment. We encourage you to call, email, or visit our website for a more detailed description of each of the procedures listed and to learn about the newest additions.

### **Abdominal Surgery (Laparoscopy)**

- Spay (Ovariectomy/Ovariohysterectomy)
- Gastropexy
- Bladder Stones (Cystotomy)
- Retained Testicle (Cryptorchidectomy)
- Adrenalectomy
- Colopexy
- Intestinal Resection and Anastomosis
- Abdominal Exploration (Liver Biopsy, Gall Bladder Aspirates, Gastro Intestinal Biopsy, Kidney Biopsy)
- Cisterna Chyli Ablation



*Laparoscopic Ovariectomy (spay) highlighting the superior visualization that is obtained of the ovarian vasculature and pedicle.*



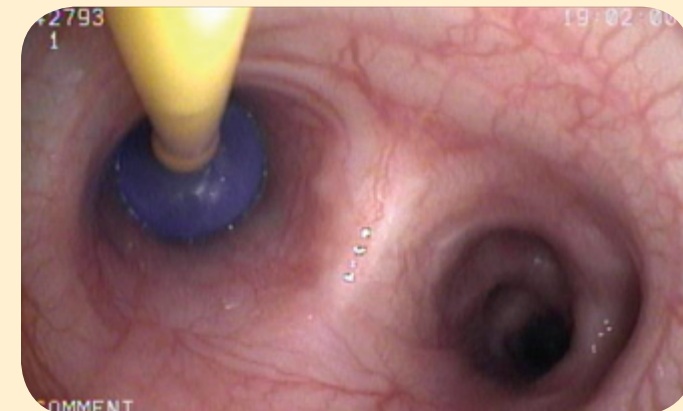
*Laparoscopic Adrenalectomy provides excellent exposure from other organs and an unparalleled view for accurate dissection of the adrenal gland.*

### **Chest Surgery (Thoracoscopy)**

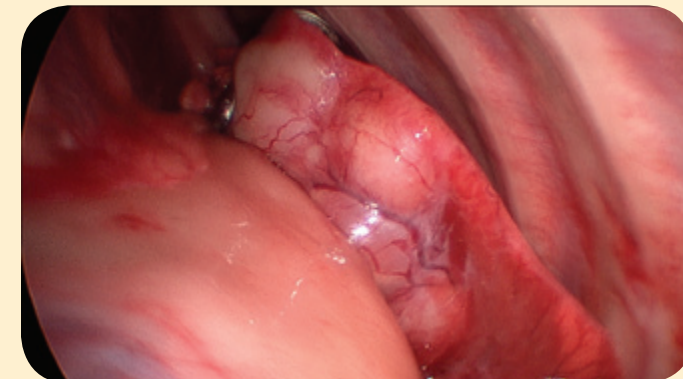
- Thoracic Duct Ligation
- Sub-total Pericardectomy
- Pericardial Window
- Exploration and Tissue Biopsy
- Lung Lobectomy

### **Interventional Radiology/Stenting**

- Urethral
- Tracheal
- Ureteral



*Bronchoscopic image showing placement of an endobronchial blocker for one-lung ventilation prior to thoracoscopic surgery.*



*Image of a lung tumor prior to thoracoscopic assisted lung lobectomy. The lung has been collapsed using one-lung ventilation.*