



**LOOMIS BASIN**  
— Est. 1975 —  
VETERINARY CLINIC

## **Laparoscopic Surgery**

A specialized surgical technique is available at Loomis Basin. Laparoscopy is a minimally invasive technique for viewing the internal structures of the abdomen. A laparoscope (camera) is inserted into the abdomen through small incisions and shows the abdomen on a TV monitor for a more thorough examination and a precise surgical procedure.

### **Laparoscopic Spay**

When performing a laparoscopic spay, two or three tiny incisions are made in the abdomen to facilitate the use of surgical instruments and the procedure is performed with magnified views of the organs allowing for greater precision. The ovarian ligament is carefully cut and cauterized resulting in minimal recovery time and less pain and trauma to the surgery site.

Benefits of laparoscopic surgery include a shorter surgery and anesthesia time, decreased pain and it is minimally invasive. Laparoscopic spays are primarily for dogs larger than 20 pounds. Please contact us to discuss this option with one of our veterinarians. We look forward to answering any questions you may have.

### **Laparoscopic Prophylactic Gastropexy**

Laparoscopic surgery can also be used to prevent a life threatening condition is available for at-risk dogs. Gastric dilatation volvulus (GDV), also known as “bloat”, is one of the most severe, life threatening emergencies commonly faced in veterinary medicine, causing mortality in up to 33% of affected patients.

GDV involves a twisting and severe distention of the stomach, resulting in a chain of physiologic events including circulatory shock, cardiac arrhythmia and organ damage. Primarily large breed, deep-chested dogs are affected. Symptoms of GDV include unproductive attempts at vomiting, abdominal distension, salivating, restlessness, weakness and collapse.

GDV is managed with emergency surgery to derotate and decompress the stomach. Surgical management also includes gastropexy, or suturing the stomach to the right side of the body to prevent a recurrence of the condition.

Gastropexy can also be performed in at-risk dogs to *prevent* GDV. The procedure can be performed at the same time as a spay surgery, utilizing the same incision. For male or previously spayed female dogs, a surgical technique using a minimally invasive laparoscope is available at Loomis Basin. Benefits of laparoscopic surgery include a shorter surgery and anesthesia time, decreased pain, and it is minimally invasive. Please contact us to discuss this option with one of our veterinarians for your at-risk dog. We look forward to answering any questions you may have.