

Minimally invasive surgery refers to a technique used by veterinary surgeons to provide a less invasive approach to procedures. The goal is to maintain a high level of accuracy, precision and effectiveness while reducing recovery and healing time. It's used as an alternative to 'open-approach' surgeries using a large incision. Not all procedures can be done using this method, though we are making strides regularly with expanding the use of this technique.

Benefits

The benefits of using minimally invasive surgery include:

- Reduction in surgical trauma
- Simplified pain management
- Less discomfort after the procedure
- Faster recovery time

Types of Minimally Invasive Surgeries

Arthroscopy (Joint Procedures)

- Elbow surgery to diagnose and treat conditions such as elbow dysplasia
- Shoulder surgery for bicipital tenosynovitis and OCD lesions
- Knee/Stifle surgery to correct a cranial cruciate ligament disease, such as TPLO, TTA or Lateral Fabello-tibial suture.
- Ankle/Hock surgery for OCD lesions and visualizing fractures

Laparoscopy (Abdominal Surgery)

- Spay surgery to remove ovaries or ovaries and uterus
- Prophylactic gastropexy to treat and prevent gastric dilatation and volvulus.
- Biopsy and removal of bladder stones
- Treatment for retained testicles
- Adrenalectomy in the case of tumors
- Abdominal exploration for liver, kidney, and GI biopsy as well as gall bladder aspirates
- Cisterna Chyli Ablation to treat Idiopathic Chylothorax

Thoracoscopy (Chest Surgery)

- Thoracic Duct Ligation to treat Idiopathic Chylothorax
- Subtotal Pericardectomy to remove the sac surrounding the heart
- Pericardial Window to drain fluid from the pericardial sac

Stenting

- Urethral stenting for tumor obstruction
- Tracheal Collapse bridging or stenting

Conclusion

Please keep in mind that each pet's situation is unique and will require an individualized treatment plan with options that fit their condition and current health status. We will discuss all the available options for your pet and potential outcomes to find the best fit for your companion.