

## **ADVANTAGES OF LASER SURGERY**

Laser technology reduces the trauma to your pet, improves recovery, and often shortens hospital stays.

### **Less Pain**

The laser energy automatically seals nerve endings as it moves through tissue. As a result the patient feels less pain post-operatively.

### **Less Bleeding**

Laser energy automatically seals smooth blood vessels as it ablates (vaporizes or erases). When defocused, the laser becomes an effective coagulation device. Not only does the hemostatic cutting benefit the patient, it provides a clear, dry surgical field for the surgeon. Without bleeders continually obstructing the field, the overall procedure time may be decreased, and the visualization of the anatomy is unsurpassed.

### **Less Swelling**

The laser energy automatically seals lymphatic vessels. Additionally, because only a beam of invisible light contacts the tissue, there is no bruising or tearing of the tissue. This reduced tissue trauma minimizes inflammatory responses, reducing swelling.

### **Quicker Recovery**

Decreased bleeding, swelling, and pain mean the patient can return to normal activity and the home environment faster. This provides benefits for the patient, client, and veterinarian.

### **Ablation**

The unique ability of the laser to ablate (vaporize or erase) tissue sets it apart from any other surgical tool. With the proper tips and power settings, the AccuVet can be used to precisely remove tissue layer by layer or to aggressively vaporize entire tumors.