

# Yorkshire Vets

JANUARY 2010

NEW SURGICAL REFERRAL SERVICE

ISSUE ONE



*New Surgical Referral Service Available at our Thornbury Branch*

## Cranial Cruciate Ligament Injuries- Current Thinking in Surgical Treatment

**There are many options now available for the surgical treatment of cranial cruciate injuries.**

**Extracapsular surgical techniques such as the lateral suture technique aim to recreate the passive constraints of the stifle (the cranial cruciate ligament (CCL) and joint capsule).**

Relatively new techniques achieve stabilization by changing the mechanics of the joint and actively restraining the stifle. Tibial plateau leveling osteotomy (TPLO) involves a radial osteotomy of

the proximal tibia with rotation of the proximal fragment. This changes the slope of the tibial plateau and eliminates cranial tibial thrust, so tibial thrust is controlled by the caudal cruciate ligament and active stifle constraints. Tibial tuberosity advancement (TTA) achieves a similar end point by advancing the tibial tuberosity to form a right angle with the patella ligament. The tibial tuberosity is held in advancement using a titanium cage and a tension plate.

**Success rates are reported to be >90% regardless of the surgical technique used.** Unfortunately, no study demonstrates any technique to be superior. However anecdotal opinion is that TPLO and TTA give better results, especially for active, athletic dogs.

**Early clinical results show TPLO and TTA to be comparable.** However, TTA has many theoretical advantages. Biomechanically, TTA

corrects the tibiofemoral shear force closer to neutral than TPLO, preventing increased stress being placed on the

*Yorkshire Vets are pleased to offer in-house surgical treatment of cruciate cases by lateral suture technique or TTA*

caudal cruciate ligament. TTA does not change the joint geometry and gives superior cartilage distribution compared to TPLO. TTA is also less invasive, simpler and has fewer potentially serious side effects.



(TPLO) involves a radial osteotomy of

### Surgical Referral Contact:

Tamsin Humphrey BVetMed, CertSAS, MRCVS

### Other Referral Services Available:

Internal Medicine, Dermatology, Ophthalmology



# Yorkshire Vets Referrals

## **A Professional Service You Can Trust**

We aim to offer a friendly and approachable referral service combining a wealth of experience across a spectrum of disciplines with a realistic approach to case management and pricing.

## **Facilities Available**

Our Thornbury Hospital is a large purpose-built facility with:

- Separate cat and dog kennels
- Two sterile operating theatres
- Dental theatre
- Ultrasound suite
- 24 hour nursing

On-site lab offering coagulation, electrolytes, ionised calcium, laser cytology, haematology, blood gases, biochemistry and cytology

## **Multiple Disciplines Available in a Single Site**

We have Certificate holders in small animal internal medicine, ophthalmology, surgery and dermatology supported by an excellent team of experienced practitioners and VNs.

## **Aims of Referral**

Our aim is to provide a practical service which does not exclude uninsured pets. Please do just give us a ring or drop us an email if you would like to discuss a case



*Yorkshire Vets  
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Thornbury  
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*Tel: 01274 663301*

*Fax: 01274 668857*

*Email:*

*yorkshirevetsreferral@googlemail.com*

*Mon-Fri: 8-7pm*

*Sat: 8:30-4pm*

*Sun: 9-3pm*

*Surgical Appointments Available  
Monday to Friday by  
appointment only*

*Please telephone or email for  
further information*

## **Surgical Procedures Available**

•**ENT:** BOAS surgery, laryngeal tiebacks, cleft palates/oronasal fistulae, salivary mucoceles, TECA/LBO, VBO, lateral wall resections

•**Thoracic:** PDA, VRA, lung lobectomy, subtotal pericardectomy, pneumothorax, thoracic wall neoplasia, diaphragmatic rupture, peritoneopericardial hernias

•**Oncology:** Full integration with our medical team, mandibulectomy, maxillectomy

•**Urinary:** Colposuspension, ectopic ureters, perineal urethrostomy, nephrectomy, renal biopsies

•**Abdominal:** All GI surgery, GDV, liver biopsy, liver lobectomy, cholecystectomy, cholecystoduodenostomy, splenectomy, perineal hernias, prostatic surgery

•**Wound management and reconstructive surgery**

•**Orthopaedics:** Cruciate disease, Patella Luxation



*We offer a full surgical referral service and will aim to keep you up to date with all cases referred to us as often as possible. Assistance on all cases after discharge is also available.*