

Pre-Operative Information: Cruciate Surgery: Tibial Tuberosity Advancement (TTA) Price: £2,950 (including VAT, March 2024)



A Tibial Tuberosity Advancement (TTA) has been recommended for your dog as the most appropriate method of surgical treatment for cranial cruciate ligament (CCL) disease, which is often the result of a degenerative or a traumatic process in dogs.

It is frequently noticed after running, playing or jumping. The damage to the cranial cruciate ligament leads to instability and pain in the affected limb.

Many surgical treatment options are available for managing CCL disease, however, TTA is recommended as the most appropriate treatment option for more athletic dogs, based on the shape and size of their tibia (shin bone).

During each surgery a complete assessment of the joint is necessary to assess the damaged cruciate ligament and the joint menisci (these mini, shock absorbing cartilage pads provide rotational knee stability).

The front of the tibia bone is cut, moved forwards and held in place with a spacer, plate and screws. The position of the cut in the bone, the amount that the bone needs to be advanced and the size of the implants are all evaluated and measured prior to surgery. The forward shift in the position of the front of the tibia causes the femur to push down at a right angle to the backward sloping top of the tibia, preventing the femur from slipping backwards.

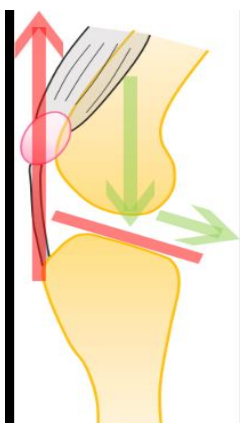


Figure 1 – instability in the stifle joint due to damage of the cranial cruciate ligament. This results in backward 'slippage' of the femur because of the sloping angle of the top of the tibia.

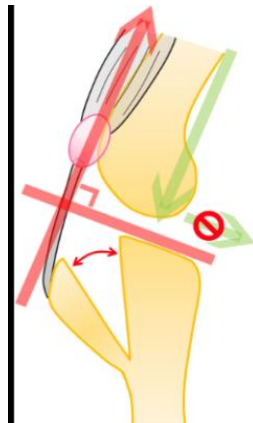


Figure 2 – An accurately measured cut is made in the tibia and the front of the tibia is advanced. As a result, the pull of the quadriceps muscle (red arrow) is at a right angle to the top of the tibia. The femur pushes down parallel to the quadriceps muscle (green arrow) allowing it to hinge on the tibia without slipping backwards.

Whilst there is no cure for CCL disease in dogs, the goals of treatment are to relieve pain, improve function by stabilization and reduce the progression of arthritis. Surgery, in combination with exceptional postoperative care and rehabilitation can significantly improve the outcome and prognosis for dogs with CCL disease.

For more information or to discuss this surgery in more detail with one of our veterinary surgeons please contact us on 015394 88555 or visit the referrals section of our website at www.oakhillvetgroup.co.uk

What is included?

At Oakhill Vets we strive to ensure our orthopaedic surgeries are 'all inclusive' and so INCLUDE the following:

- Prehabilitation consultation in our state-of-the-art Animal Rehabilitation Centre (ARC)
- Pre-anaesthetic blood screen (as required)
- Hospitalisation (up to 24 hours)
- Intravenous fluids during the anaesthetic and surgery
- General Anaesthesia / Sedation
- Surgery (including implants)
- Post-operative medication (for up to three weeks)
- 24-hour post-operative laser / cold-pack treatment / physiotherapy
- Week one post-operative rehabilitation consultation and rehabilitation plan (in the ARC)

Complications and what is not included?

Post-operative x-rays are advised around 6-8 weeks post-operatively. These are not included in the price of the surgery. Post-operative complications are not common, but are possible. While we endeavour to give you an up-front, all-inclusive estimate, when it comes to pets recovering from surgery there is unfortunately an element of unpredictability! Treatments not included because of unexpected complications include (but are not limited to):

- Implant associated complications (screw loosening, implant failure, implant infection)
- Late meniscal injury, requiring exploration of joint
- Self-trauma by pet to surgical site
- Post-operative wound infection
- Post-operative fracture complications

Rehabilitation

We strongly advise rehabilitation in our Animal Rehabilitation Centre (ARC) following this surgery. We offer patients that have had surgery at Oakhill an amazing and heavily discounted 12-week post-operative rehabilitation package. Please see our ARC price list for details.

Payment Options

Payment is expected in full at the time of consultation or upon discharge from Oakhill Vets. If your pet is insured we would request that you pay for their treatment and claim the funds back from your insurance company. Once you have settled the cost of any treatment we can help you complete your insurance claim form(s) at no additional charge. Direct claims may be arranged with some insurance companies and are subject to a check with our referral coordinators prior to your appointment. An administration fee is chargeable each time a direct claim is carried out by our referral coordinators. If you have any concerns about payment then please contact us prior to your consultation.

Why choose Oakhill Veterinary Referrals?

Oakhill Vets is based in Windermere in the beautiful Lake District. We are happy to take referrals from clients further afield. Let our friendly, highly skilled and experienced team of Veterinary Surgeons and Registered Veterinary Nurses look after your pet while you relax and enjoy a short break in The Lakes. For more details, please phone the practice and speak to one of our helpful referral coordinators on 015394 88555.