TTA (Tibial Tuberosity Advancement)

Where: Hyatt Regency Irvine
17900 Jamboree Road
Irvine, CA 92614
(T) 949.975.1234

When: July 29th 2009
9:00AM—5:00PM
(Lunch is included)

How: Fill out the Registration form and mail or fax with payment by **July 10th**.

Speaker: Jeff Mayo, DVM, CVLS, Diplomate ABVP

Dr. Jeff Mayo is a 1994 graduate of Oregon State University College of Veterinary Medicine. After graduation, he went into private practice for 11 years in Washington. Much of his focus is on laser surgery, orthopedics and new practical techniques in rigid endoscopy for small animals.

Dr. Mayo studied TPLO starting in 2003 and TTA in 2004. With over 400 TPLOs and 1600 TTAs behind him, Dr. Mayo now travels worldwide teaching at privately owned veterinary hospitals.

TTA (Tibial Tuberosity Advancement) For the treatment of the cranial cruciate Ligament injuries in the dog

Introduction

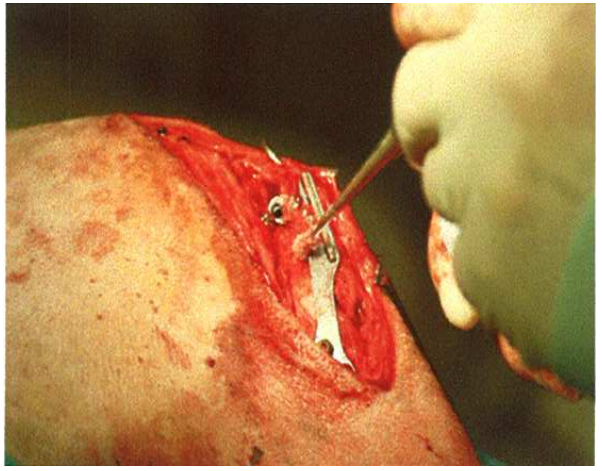
Rupture of the cranial cruciate ligament (CrCL) in the stifle of the dog is probably the most common cause of hind limb lameness seen in the general practice setting. Injury to the CrCL is thought to be due to a hyperextension injury of the knee with an internal rotation of the tibia. CrCL tears may be partial initially, complicating the diagnosis, but eventually most end up in complete tear due to the imbalance of forces that act on the joint resulting in cranial tibial thrust. This abnormal translation of the tibia relative to the femur may also result in additional injury to the medial meniscus, necessitating a partial or complete postoperative morbidity. Most practitioners opt for the modified retinacular imbrications technique utilizing heavy monofilament nylon as a repair method, or refer to surgeons capable of performing tibial plateau leveling osteotomy (TPLO), which is in a broad consensus, considered state of the art.

Rationale for TTA

First, the joint force of the stifle is approximately parallel to the patellar ligament. If the ligament is perpendicular to the tibial plateau, there is no shear component of the total joint force and the cruciate ligaments are not loaded. The angle between the patellar ligament and tibial plateau changes with flexion and extension and in fact the two are 90 degrees to each other when the stifle is in 90 degrees of flexion, the CrCL is ruptured, the stifle can be stabilized by shifting the cross-over point to full extension of the joint. This can be performed by either TPLO or TTA.

The Procedure

The amount of advancement required to move the tibial tuberosity is determined from a preoperative standing angle lateral radiograph of the stifle. The stifle is approached medially and a frontal plane osteotomy fork and a (3) titanium tension band plate. The cage transfers the compression component of the patellar ligament force from the tibial tuberosity to the proximal diaphysis of the tibia. The open-wedge osteotomy may be grafted by cancellous bone or a commercially available product.



To learn more about
Dr. Mayo please visit
His website:
www.jeffmayodvm.com

Continuing education credits
Course meets the requirements for 7 CE hours of continuing education credit in the jurisdictions which recognize AAVSB RACE approval.

Visit our website at www.scilvet.com

Registration Form

Instructions:

1. Please submit one registration form per person. Registration forms may be reproduced for each additional attendee.

2. Return Registration form with $350 on or before **July 10th** to:
   Scil animal care company
   Attn: TTA Registration
   151 N. Greenleaf St
   Gurnee, IL 60031
   Or Fax (847)223-3374

Hospital:_____

Name:_____

State of Licensure:_____

License # (S):_____
Needed for CE hours

Address:_____

City:_____

State:_____ **Zip:**_____

Telephone:_____

Fax:_____

CC#:_____

Exp:_____ **CVV:**____

E-Mail:_____

scil veterinary excellence America

scil animal care company

151 N. Greenleaf St
Gurnee, IL 60031

Phone:(877)724-5838
Fax(847)223-3374
www.scilvet.com

Wednesday
July 29th 2009
9am - 5pm

Hyatt Regency Irvine
17900 Jamboree Road
Irvine, CA 92614

Brief Agenda:

9am - 10am
Discussion of Cranial Cruciate Disease

10am - 12pm
Discussion of TTA: Theory, Equipment And Procedure

1pm - 2pm
Video of Procedure

2pm - 5pm
Laboratory Exercises (including using power equipment, nomenclature of equipment and implants, hands-on procedure)

TTA (Tibial Tuberosity Advancement)

For more Information
Call Toll Free:
1-877-724-5838
(877-scilvet)

scil veterinary excellence America

TTA
(Tibial Tuberosity Advancement)

July 29th 2009
Hyatt Regency Irvine
Irvine, CA 92614
9:00am-5:00pm