

CEDAR CREEK

A N I M A L C L I N I C

Cedar Creek Animal Clinic is now performing Tibial Tuberosity Advancement (TTA) surgery for dogs with torn cruciate ligaments. This exciting new alternative to the Tibial Plateau Leveling Osteotomy (TPLO) and extracapsular repair of the stifle has been very successful with minimal arthritis at two year recheck exams. Complications have been few and have been easily corrected when encountered.

The advancement of the tibial tuberosity causes the force to be applied to the patellar ligament and thus eliminates the need for the cruciate ligament. When the patellar ligament is advanced so that it is at a 90 degree angle to the tibial plateau the cranial drawer is eliminated. This theory is based on Dr. Slocum's model in which the "joint reaction" is parallel to the patellar ligament. Put simply, the TTA is an "upside-down" TPLO.

Advantages of the TTA versus the TPLO:

- Quicker recovery: Less invasive, shorter surgery time, improved post-operative stability.
- Less implant failure: This osteotomy is not through the weight bearing bone.
- Ease of procedure: Less technically demanding resulting in better clinical results.
- Good results with chronically arthritic knees: TTA does not rely on rolling the tibial plateau like the TPLO so stability is achieved even in the most chronic knees.
- Ability to operate on both knees at the same time: This is not recommended with the TPLO.



Dr. Kyle Malter was trained to perform the TTA procedure by Dr. Jeff Mayo, an expert in the TTA and TPLO surgeries. Dr. Malter has performed this procedure for dogs of all shapes and sizes and the results have been wonderful. Please visit www.jeffmayodvm.com for more information on Tibial Tuberosity Advancement. Your clients will also find this site very helpful. Please call Dr. Kyle Malter at Cedar Creek Animal Clinic at (515) 462-3200 with any questions or to schedule an appointment.