

TightRope CCL Multi-Site Data Sheet

Cases Reported: 1,215 cases
 Duration: 3 mo. to > 3 yrs
 Weight Range: 2-93 kg
 Centers Reporting Data: 31



Reported Success Rate

94.1% Success rate

55.9% Full Function (restoration to, or maintenance of, full intended level and duration of activities and performance from pre-injury or pre-disease status without medication)

38.2% Acceptable Function (restoration to, or maintenance of, intended activities and performance from pre-injury or pre-disease status that is limited in level or duration and/or requires medication to achieve)

Complications

- <1% Catastrophic (resulting in permanent disability or death)
- 9.8% Major (requires further treatment based on current standard of care)
 - Subsequent Meniscal Tears – 4.8%
 - Instability/Failure – 2.1%
 - Infection – 2.9%
- 9.7% Minor (not requiring additional surgical or medical treatment to resolve)

***Reported complication rates for TPLO, lateral suture, TTA, and cranial closing wedge osteotomy range from 17-59% in the peer-reviewed veterinary literature**

***An independent investigation by Dr. Rich Evans using Number Needed to Harm and Number Needed to Treat analyses showed TightRope to have the highest safety to efficacy ratio of all CCL procedures commonly used based on available data.**

Surgeons contributing to the multicenter clinical study:

- ❖ Dr. Mark Albrecht – Gallatin Veterinary Hospital
- ❖ Dr. Jeff Baker – Crawford Animal Hospital
- ❖ Dr. Toni Barnes – Westside Veterinary Clinic
- ❖ Dr. Bert Blackburn – Buck Animal Hospital
- ❖ Dr. Lee Breshears – Animal Emergency & Spec. Center
- ❖ Dr. Cal Cadmus – Oakdale Veterinary Group
- ❖ Dr. Jimi Cook – University of Missouri
- ❖ Dr. Robert Cook - Animal Medical Center of St. Charles
- ❖ Dr. David Crouch – Western Carolina Veterinary Surgery
- ❖ Dr. Chad Devitt – Veterinary Referral Center of Colorado
- ❖ Dr. Felix Duerr – Aspen Meadows Veterinary Specialists
- ❖ Dr. Jay Erne – Affiliated Veterinary Specialists
- ❖ Dr. Mike Ferber – North Shore Animal Hospital
- ❖ Dr. Mark Freiberg – Rose Hill Animal Hospital
- ❖ Dr. Garrett – Animal Hospital of Fayetteville
- ❖ Dr. Mitch Gillick – Toronto Veterinary Emergency Hosp
- ❖ Dr. Peter Haase – Arlington Veterinary Surg. Spec.
- ❖ Dr. Craig Hook – Mid-Michigan Veterinary Referral Center
- ❖ Dr. Nick Kalafatic – Meridian Veterinary Hospital
- ❖ Dr. Garren Kelly – Byron Pet Clinic
- ❖ Dr. David Kydd – Kydd Veterinary Health Centre of London
- ❖ Dr. Tom Liebl – Clinton Parkway Animal Hospital
- ❖ Dr. Julius Liptak – Alta Vista Animal Hospital
- ❖ Dr. Thomas McNicholas – Affiliated Veterinary Specialists
- ❖ Dr. Paul Newman – Mobile Veterinary Surgical Services
- ❖ Dr. Frank Odgen – Bonita Springs Veterinary Hospital
- ❖ Dr. Antonio Pozzi – University of Florida
- ❖ Dr. Charles Pullen – Animal Medical and Surgical Center of Arizona
- ❖ Dr. Matt Rooney – Aspen Meadows Veterinary Specialists
- ❖ Dr. Jeff Schuett – Pewaukee Veterinary Services
- ❖ Dr. Abbie Tipler – Kydd Veterinary Health Centre of London
- ❖ Dr. Peter Veling – Caring Hands Pet Hospital
- ❖ Dr. Arathi Vinayak - Arlington Veterinary Surgery Specialist
- ❖ Dr. Ned Williams – Eastern Carolina Veterinary Referral Animal Hospital
- ❖ Dr. Will Wright – Capitol Illini Veterinary Services

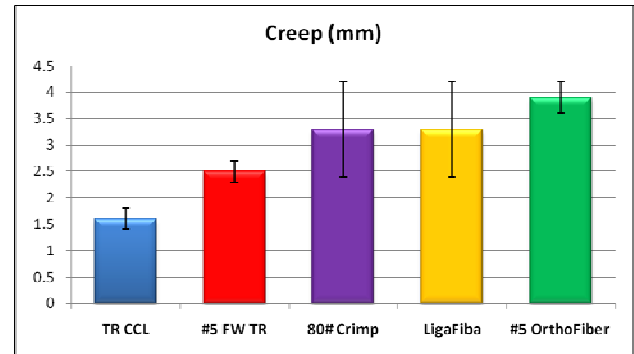
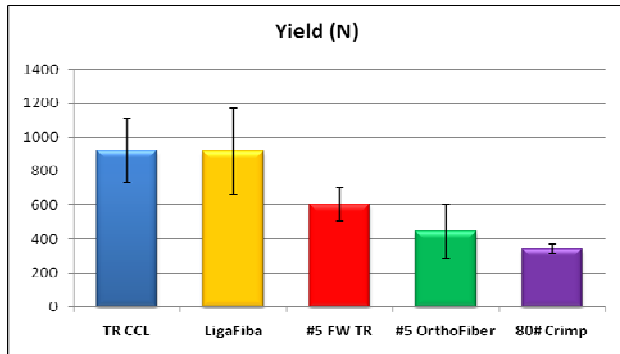
Advantages of TightRope CCL

- Bone to Bone fixation
- Helps ensure isometric implant placement
- Allows for minimally invasive technique
- Strength and Stiffness of Fibertape
- Low profile Implant with good handling
- Potential for addressing all abnormal forces

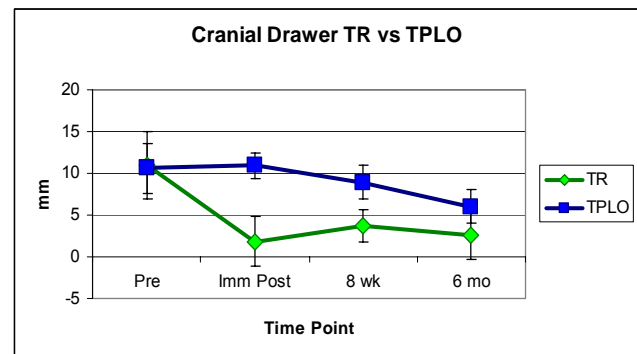
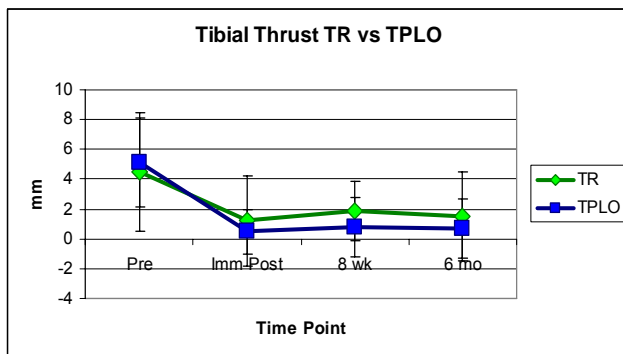
Potential Contraindications for TightRope CCL

- Tibial Plateau Angle > 32 degrees
- Angular Limb Deformity
- Connective tissue healing abnormalities
- Condyle < 12mm cranial to caudal
- Poor postop compliance

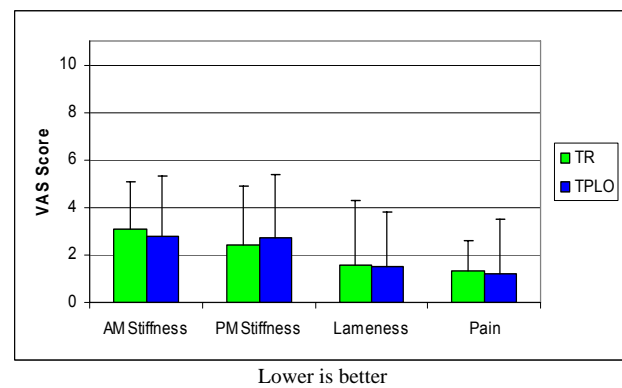
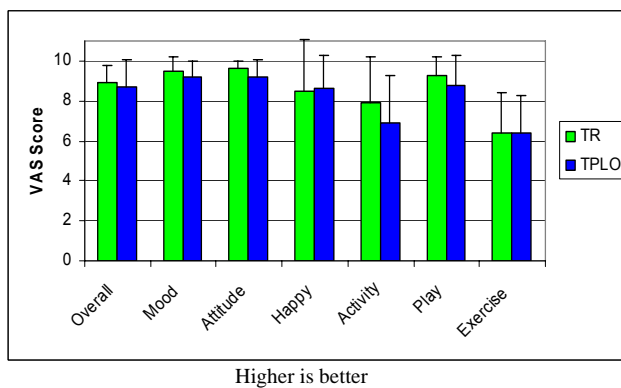
Biomechanical Testing Data



Subjectively measured stifle stability for TightRope (TR) vs TPLO



Client-based Outcomes Assessments for TightRope (TR) vs TPLO at 6 months after surgery



Cook JL, Luther JK, Beetem J, Karnes J, Cook CR. Clinical comparison of a novel extracapsular stabilization procedure and tibial plateau leveling osteotomy for treatment of cranial cruciate ligament deficiency in dogs. Vet Surg 2010; 39:315-323