

## SURGICAL MANAGEMENT OF *LIGAMENTUM CRUCIATUM CRANIALE* RUPTURES IN DOGS BY TRIPLE TIBIAL OSTEOTOMY (TTO) AND ADDITIONAL K-WIRE SUPPORT

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**Abstract.** The cranial cruciatum ligament rupture is a common orthopedic disease in dogs. Authors of article present the modified version of original Triple Tibial Osteotomy technique. Both techniques were assessed in 8 dogs treated surgically using the original TTO technique, and in 8 dogs were operated by modified TTO method. As modification authors added a Kirschner wire across the osteotomy line of the proximal tibial to prevent tibial tuberosity displacement which is complication during the original TTO procedure. Clinical results shown that stifle restoration time was similar in both groups, but in 3 dogs operated in original version this complications were noted. No complications were observed in patients treated by modified procedure with k-wire during one year after surgery. Triple tibial osteotomy as an alternative management to another surgical techniques is widely recommended, however author's modified original version to prevent tibial tuberosity detachment.

**Keywords:** TTO, dog, cranial cruciate ligament rupture, stifle joint