

# IMPROVING SHORT-TERM LIMB USE IN CANINE TPLO RECOVERY WITH SHOCKWAVE THERAPY



## INTRO

Your furry companion has just undergone Tibial Plateau Leveling Osteotomy (TPLO) surgery, a common procedure for treating cranial cruciate ligament injuries in dogs. While the surgery marks a significant step towards recovery, the post-operative period can be challenging, often requiring careful management to ensure optimal healing and rehabilitation. However, there's promising news: Extracorporeal Shock Wave Therapy (ESWT) might enhance short-term limb use during this critical recovery phase.

## THE STUDY

A recent study delved into the potential of ESWT in improving short-term limb use following TPLO surgery in dogs. The research aimed to assess whether shock wave therapy could expedite recovery and enhance limb function during the crucial early stages post-surgery. Employing a controlled methodology, the study evaluated the effects of ESWT on a cohort of dogs undergoing TPLO, measuring parameters such as weight-bearing and gait analysis to gauge the therapy's efficacy.

## RESULTS

The study's findings revealed promising outcomes regarding the use of ESWT in canine TPLO recovery. Dogs receiving shock wave therapy demonstrated improved weight-bearing and gait symmetry compared to those in the control group. These results suggest that ESWT may significantly enhance short-term limb use and accelerate the rehabilitation process following TPLO surgery. While further research is warranted to validate these findings and elucidate the long-term benefits of ESWT in canine orthopedics, the preliminary results offer hope for improving post-operative outcomes and enhancing the quality of life for dogs undergoing TPLO surgery.



## CONCLUSION

In conclusion, the application of Extracorporeal Shock Wave Therapy (ESWT) represents a significant advancement in canine orthopedics, particularly in the context of TPLO surgery and post-operative rehabilitation. The promising findings of recent studies underscore the potential of ESWT to improve short-term limb use and accelerate recovery following TPLO surgery, offering new avenues for enhancing the well-being and mobility of our beloved canine companions. As research in this field continues to evolve, ESWT stands poised to revolutionize the way we approach canine rehabilitation, ushering in a new era of hope and healing for dogs in need.