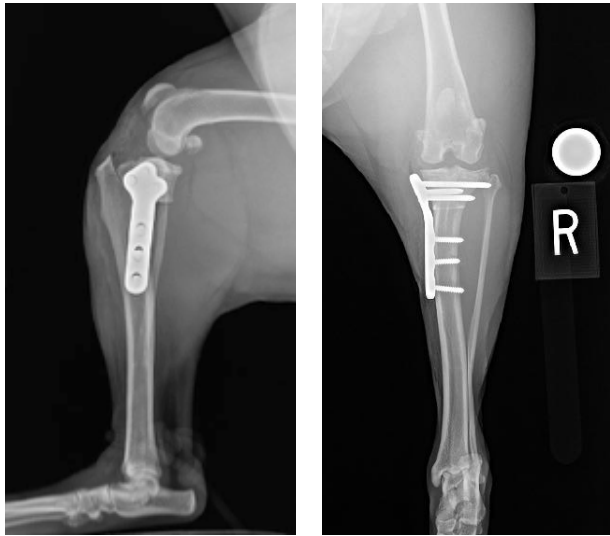


# Tibial Plateau Leveling Osteotomy (TPLO)



A TPLO involves a “radial osteotomy” (cutting the bone in a circle shape) and repositioning the tibial plateau to a level (flat) position, thereby eliminating the tibial thrust (instability).



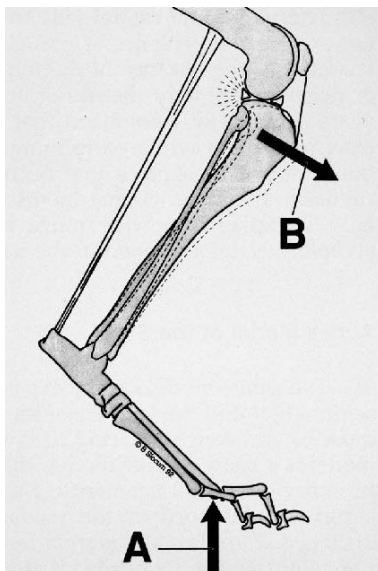
While all surgical procedures entail the risk

of complications, the TPLO has demonstrated consistently good outcomes. 90 to 95% of dogs will return to a good level of comfort and function. Due to the extensive nature of this procedure, it is vital that you follow your dog’s post op instructions. Strict rest, control at all times with a leash when outside, rehab therapy and administering medications as prescribed are all very important.

If you have questions before or after your dog’s procedure, please feel free to contact us! We are happy to help!

## What is TPLO?

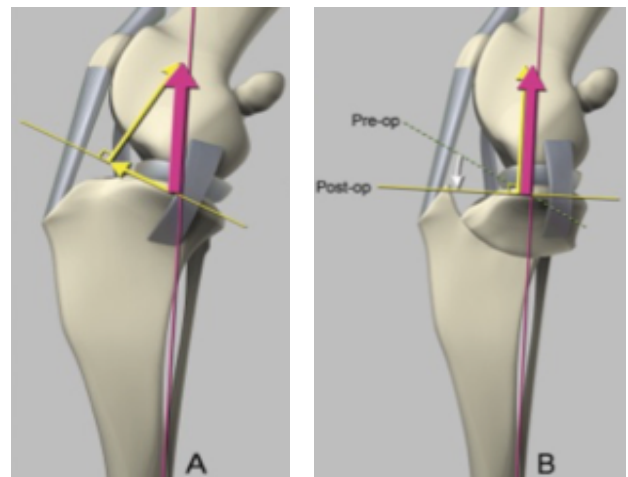
TPLO has become the “gold standard” of CCL repair in the dog. Limitations of earlier surgical (imbrication/tightening) procedures in large dogs include progression of arthritis, inconsistent outcomes and remaining knee instability.



When a dog puts weight on his paw (A) the force (load) causes the tibia (shin bone) to thrust forward (B). In a normal dog, this is prevented by the cruciate ligament, the meniscus and the leg muscles. If the cruciate ligament (CCL) and/or meniscus are damaged, the tibia shifts and the knee becomes unstable.

This is especially true because the top of the tibia (tibial plateau) is angled (straight yellow line), causing the tibia to thrust forward and the femur (thigh bone) to slide down “the back of the hill”.

Connect with us!  



We are always happy to answer any questions or concerns you may have. Please feel free to contact us at (260) 637-7676.