



Tibial Plateau Leveling Osteotomy (TPLO)
Tibial Tuberosity Advancement (TTA)
Fascial Strip Graft (FSG) with Lateral Suture Stabilization (LSS)
for the ACL Deficient Knee

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	<u>TPLO</u>	<u>TTA</u>	<u>FSG with LSS</u>
Invasiveness	4+	2+	2+
Long Term Osteoarthritis (>2 years)	Less/Slower Progressing	Same as TPLO	More/Faster Progressing
Post-Operative Restriction (Surgery to Normal Activity)	16 weeks	10 - 12 weeks	8 weeks
Typical Time To Begin Walking On Leg	1 - 1.5 Weeks	.5 - 1 weeks	2 Weeks
Bandaged Leg	1 Days	1 Days	10-14 Days
Begin Rehab	1 Week Post-Op	1 Week Post-op	1 Week Post-Op
More Radiographs Needed Post-Op	Yes – 8 wks / 16 wks	Yes – 4 wks / 10 wks	None – unless a complication
Complication Severity	Uncommon but if occurs, more severe	Less than TPLO	Uncommon but if occurs, less severe than TTA/TPLO
Surgeon Preference	Most Prefer TPLO For Dogs Over 40 LBS	Same as TPLO	Usually Second Choice For Dogs Over 40 LBS
Benefit For Dogs with: Moderate to Severe Arthritis	All equal	All equal	All equal??
Mild to Moderate Arthritis	More Effective	Same as TPLO	Less Effective

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