

ACL ALLOGRAFT RECONSTRUCTION REHABILITATION PROTOCOL

	WEIGHT BEARING	BRACE	ROM	THERAPEUTIC EXERCISES
PHASE I 0 - 2 weeks	As tolerated with crutches	0-2 weeks: locked in full extension for ambulation and sleeping	As tolerated	Heel slides, quad/hamstring sets, patellar mobs, prone hangs, gastroc/soleus stretch***, SLR with brace in full extension until quad strength prevents extension lag
PHASE II 2 - 6 weeks	Discontinue crutch use	Discontinue use when patient has full extension and no extension lag	Maintain full extension and progressive flexion	Progress to weight bearing gastroc/soleus stretch, begin toe raises, closed chain extension, balance exercises, hamstring curls, and stationary bike
PHASE III 6 weeks - 4 months	Full, without use of crutches and with a normalized gait pattern	None	Gain full and pain-free	Advance closed chain strengthening, progress proprioception activities, begin Stairmaster/Nordic Trac and begin running straight ahead at 12 weeks
PHASE IV 4 - 6 months	Full	None	Full and pain-free	Progress flexibility/strengthening, progression of function: forward/backward running, cutting, grapevine, etc., initiate plyometric program and sport-specific drills May add open chain quad exercises
PHASE V 6 months and beyond	Full	None	Full and pain-free	Gradual return to sports participation, maintenance program for strength and endurance At patient's discretion, a functional ACL brace may be used from 6 mo to 1 yr post-op

If meniscal repair, patient is WBAT locked in full extension x 4 weeks. NWB may unlock brace ROM 0-90 degrees x 4 weeks.

**Avoid open chain quadriceps strengthening for first 4 months

***This exercise is to be completed in a non-weight bearing position