

# NewportCare Medical Group

Lucas Wymore MD

Sports Medicine

Office Phone: 949-491-9991

40700 California Oaks Drive, Suite 205

Murrieta, CA 92592

Fax: 949-612-9795



## ACL PATELLA TENDON AUTOGRAFT RECONSTRUCTION + MENISCUS REPAIR REHABILITATION PROTOCOL

	<b>WEIGHT BEARING</b>	<b>BRACE</b>	<b>ROM</b>	<b>THERAPEUTIC EXERCISE</b>
<b>PHASE I 0 - 4 weeks</b>	Toe touch weight bearing with brace and crutches first six weeks	<b>0-2 week:</b> locked in full extension for ambulation and sleeping <b>2-4 weeks:</b> unlocked 0-90 for ambulation	0-90	Heel slides, quad sets, patellar mobs gastroc/soleus stretch***, SLR with brace in full extension until quad strength prevents extension lag
<b>PHASE II 4 - 6 weeks</b>	Toe touch weight bearing with brace and crutches first six weeks	<b>4-6 weeks:</b> unlocked 0-90 for ambulation, remove for sleeping**	0-90	Continue non weight bearing gastroc/soleus stretch and closed chain activities, begin hamstring stretching, hamstring curls
<b>PHASE III 6 weeks - 4 months</b>	Full, without use of crutches and with a normalized gait pattern	Discontinue use when patient has full extension and no extension lag	Gain full and pain-free	Begin hamstring strengthening, advance closed chain strengthening, progress proprioception activities, begin Stairmaster/Nordic Trac, begin running at 16 weeks with good functional testing, Delay until adequate strength and control
<b>PHASE IV 4 - 6 months</b>	Full	None	Full and pain-free	Progress flexibility/strengthening, progression of function: advance running, progress as able to backward running, cutting, grapevine, etc., initiate plyometric program and sport-specific drills
<b>PHASE V 6 months and beyond</b>	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 can be used from 6 mo to 1 yr post-op Clear for sports when functional testing 90% of contralateral leg

\*\*Avoid open chain quadriceps strengthening for first 4 months

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