

ACL QUADRICEPS TENDON AUTOGRAFT RECONSTRUCTION
PHYSICAL THERAPY PROTOCOL

Recommend 2-3x/week for 8 weeks
Please contact office for renewal as needed

Weeks 0-2	<ul style="list-style-type: none"> • WBAT, d/c crutches when comfortable • Brace locked at full extension while ambulating and sleeping, otherwise ROM as tolerated. May remove brace for ROM exercises. • Heel slides, quad sets, patellar mobilization, ankle pumps • Straight leg raises (without brace when able to SLR without extension lag)
Weeks 3-6	<ul style="list-style-type: none"> • Continue exercises from weeks 0-2 • D/c brace when patient has no extension lag and quad control enough for stable ambulation • Focus on regaining full extension; goal ROM 0-125° • Mini-squats, weight shifts, initiate step up program • Close chain knee extension, stationary bike, weight bearing gastroc/soleus stretch • Eccentric rectus femoris strengthening and stretching • Proprioceptive training
Weeks 7-12	<ul style="list-style-type: none"> • Advance closed chain strengthening and bike exercises • Normalize gait pattern • Progressive squat program • Initiate step down program • Leg press and lunges (start initially with body weight only)
Months 3-4	<ul style="list-style-type: none"> • Begin forward running in straight line (no cutting/pivoting) when 8" stepdown adequate • Progress strengthening and flexibility exercises
Months 4-6	<ul style="list-style-type: none"> • Start plyometric exercises • Start sports-specific agility program