

🗖 Frisbie Memorial Hospital 🗖 Marsh Brook Rehabilitation Service 🗖 Wentworth Douglass Hospital 🗖 Durham: Rehab and Sports Therapy Center

Achilles Tendinopathy Protocol

Week one to four	Weeks four to eight
Initial Evaluation	Evaluate
 Active range of motion (especially DF with knee extended and flexed) Swelling/tenderness Gait Subtalar Joint ROM, forefoot alignment Plantar flexion strength and endurance Assess RTW and sport expectations Abnormal lower extremity biomechanics/deviations 	 Active range of Motion Swelling and tenderness Balance/single leg heel raise
Patient Education	Patient Education
 Support Physician prescribed meds Discuss use of orthotics, heel lift or night splint if needed Discuss frequency and duration of treatment (2-3x/wk is expected for 4-8 weeks depending on how the patient presents) 	 Recommend appropriate training limits
Therapeutic Exercise	Therapeutic Exercise
 Initiate stationary bicycle Incorporate an eccentric loading program as symptoms allow Pelvic stabilizer strengthening Gastroc and Soleus stretching as tolerated 	 Elliptical/walking on treadmill Progress squatting activity, and forward step up Single leg isotonic planes. Emphasize single leg eccentric Progress to closed chain exercises on unstable surfaces Core and pelvic stabilizer strengthening Single leg dynamic balance
Manual Techniques	Manual Techniques
 STM including Graston Technique PROM , Mobilization Taping 	PROM, Mobilization as needed
Modalities	Modalities
 Modality use as indicated based on the presence of inflammation to be determined on a case by case basis via the physician and or clinician Goals 	 Modality use as indicated based on the presence of inflammation to be determined on a case by case basis via the physician and or clinician Goals
 Control pain Reduce swelling and tenderness Increase gastroc strength and endurance Normalize gait 	 Able to SL heel raise without pain



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Weeks eight to discharge			
Evaluate			
\checkmark	Strength and balance		
\succ	Address any deficits that may limit return to		
~	work or sport goals		
	HEP compliance		
Therapeutic Exercise			
\checkmark	Progress balance activity to single leg dynamic		
	activity and unstable surfaces		
\succ	Sports specific exercises		
\succ	Complete agility and running activity as tolerated		
\succ			
	tolerated		
\checkmark	Encourage participation in the CFA		
Manual Techniques			
\checkmark	Modality use as indicated based on the presence		
	of inflammation to be determined on a case by		
	case basis via the physician and or clinician		
Modalities			
≻	Any as Indicated		
	Goals		
\succ	Normal strength		
	Return to work or sport		
\checkmark	Independence with HEP		

References:

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