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## **Physical Therapy Lateral Ankle Sprain – Grade I and II Non-Operative protocol**

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### **Phase I- Maximum Protection (Weeks 0 to 1):**

- Ice and modalities to reduce pain and inflammation
- Compression wrap to reduce swelling
- Crutches as instructed
- Elevate the ankle above the heart
- Begin active range of motion all planes as directed by physician
- Stationary bike and pool program as directed by physician

### **Phase II- Progressive Range of Motion and Early Strengthening (Weeks 1 to 2):**

- Continue with modalities to reduce swelling and control pain
- Wean off crutches as instructed
- Continue with active range of motion with light terminal stretching
- Begin 4 plane ankle TB
- Foot intrinsic strengthening
- Begin closed chain progression bilateral progressing to unilateral (squats, calf raises, toe raises)
- Proprioception drills
- Bike, elliptical, treadmill walking
- May begin shallow water pool jogging

### **Phase III- Progressive Strengthening (Weeks 2 to 4):**

- Continue with modalities to reduce swelling
- Restore full range of motion all planes
- Continue with open and closed chain ankle and foot intrinsic strengthening
- Progress difficulty of proprioception drills
- Begin straight plane dry land jogging
- Begin controlled lateral agility work

### **Phase IV- Advanced Strengthening – Return to Sports (Weeks 4to 6):**

- Continue with modalities as needed
- Continue with end range stretching
- Progress strengthening and proprioception
- Advance to sprinting and agility drills. May need brace or tape.
- Simulate return to sport activity with field or court drills
- Must demonstrate a negative clinical exam and pass a strength and agility test with greater than 90% efficiency for physician release.