

**Tristan Juhan, MD**

Orthopedic Surgeon

**Office:** 408-412-8100**Email:** [tjuhan@goldenstateortho.com](mailto:tjuhan@goldenstateortho.com)**Website:** [tristanjuhanMD.com](http://tristanjuhanMD.com)

## AMZ (ANTEROMEDIALIZATION / TIBIAL TUBERCLE OSTEOTOMY) REHABILITATION PROTOCOL

	<b>WEIGHT BEARING</b>	<b>BRACE</b>	<b>ROM</b>	<b>EXERCISES</b>
<b>PHASE I</b> 0-2 weeks	Heel touch only	On at all times during day and while sleeping*  Off for hygiene and exercises	0-90° at home	Calf pumps, quad sets SLR in brace, modalities
<b>PHASE II</b> 2-6 weeks	Heel touch only	Off at night Open 0-90°	Maintain full extension and progress flexion	Progress non-weight bearing flexibility  Begin floor-based core, hip and glutes work  Advance quad sets, pat mobs, and SLR
<b>PHASE III</b> 6 weeks - 8 weeks	Advance 25% weekly and progress to full with normalized gait pattern	None	Full	Advance closed chain quads, progress balance, core/pelvic and stability work  Begin stationary bike at 6 weeks  Advance SLR, floor-based exercises, hip/core
<b>PHASE IV</b> 8-16 weeks	Full	None	Full	Progress flexibility and strengthening, progression of functional balance, core, glutes program  Advance bike after 12 wks  Outdoor cycling, elliptical, swimming after 12 wks
<b>PHASE V</b> 16-24 wks	Full	None	Full	Maximize single leg dynamic and static balance  Glutes/ pelvic stability/core + closed-chain quad program and HEP independent  Begin training sport-specific drills as tolerated after 16 weeks once cleared by MD