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AMZ + MPFL RECONSTRUCTION W/ ALLOGRAFT REHABILITATION PROTOCOL

	WEIGHT BEARING	BRACE	ROM	EXERCISES
PHASE I 0-2 weeks	Heel touch only	On at all times during day and while sleeping* Off for hygiene and exercises	Gentle passive 0-45° Start CPM POD 5 Advance CPM 0-30	Calf pumps, quad sets SLR in brace, modalities
PHASE II 2-6 weeks	Week 3: 25% PWB Week 4: 50% PWB Week 5: 75% PWB Week 6: Full WB **only WB with Brace locked in extension	2-4 weeks: Unlocked 0-45° 4-6 weeks: Unlocked 0-90° Discontinue brace at 6 weeks NO WB WITH BRACE UNLOCKED	Stop CPM when 60 degs Max is 90 degrees Advance ROM as tolerated when non-WB	Progress non-weight bearing flexibility Begin floor-based core, hip and glutes work Advance quad sets, pat mobs, and SLR
PHASE III 6 weeks - 8 weeks	Full (Advance off crutches)	None	Full	Advance closed chain quads, progress balance, core/pelvic and stability work Begin stationary bike at 6 weeks Advance SLR, floor-based exercise
PHASE IV 8-16 weeks	Full	None	Full	Progress flexibility and strengthening, progression of functional balance, core, glutes program Advance bike after 12 wks Add elliptical, swimming after 14 wks

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PHASE V 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
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*Brace may be removed for sleeping after first post-operative visit (day 7-10)