



Indiana University Health

IU Health Physicians Orthopedics & Sports Medicine

<u>DENOVO (PARTICULATE CARTILAGE IMPLANTATION) OF</u> <u>PATELLOFEMORAL JOINT (PATELLA / TROCHLEA)</u> <u>WITHOUT TIBIAL TUBERCLE OSTEOTOMY</u>

PHYSICAL THERAPY PROTOCOL

Bryan M. Saltzman, M.D.

Chief, Division of Sports Medicine & Shoulder/Elbow Surgery
Indiana University Health Physicians
Assistant Professor of Orthopaedic Surgery, Indiana University
Sports Medicine, Cartilage Restoration, Shoulder/Elbow Surgery
IU Health Methodist Medical Plaza North (MSK) – 201 Pennsylvania Pkwy #100,
Carmel, IN 46280

IU Health Methodist Hospital – 1801 N Senate Ave, Indianapolis, IN 46202 317-944-9400

www.bryansaltzmanmd.com

Patient Name:		Date of Surgery:			
Evaluate and Treat Frequency:		Provide patient with home program x/week x weeks			
WEIGHT BEARING	BRACE	ROM	EXERCISES		



PHASE I 0-6 weeks	Full w/ brace	 0-1 week: Locked in full extension at all times Off for CPM and exercise only 1-4 weeks: Unlocked and worn daytime only Discontinue when quads can control SLR w/o extension 	0-2 weeks 2-4 weeks: 0-60° 4-6 weeks:	0-2 weeks : Quad sets, SLR, calf pumps, passive leg hangs to 45° at home 2-6 weeks : PROM/AAROM to tolerance, patella and tibiofibular joint mobs, quad, hamstring, and glute sets, SLR, side-lying hip and core
		lag		
PHASE II 6-8 weeks	Full	None	Full	Advance Phase I exercises
PHASE III 8-12 weeks	Full	None	Full	Gait training, begin closed chain activities: wall sits, mini- squats, toe raises, stationary bike Begin unilateral stance activities, balance training
PHASE IV 12 weeks - 6 months	Full	None	Full	Advance Phase III exercises; maximize core/glutes, pelvic stability work, eccentric hamstrings May advance to elliptical, bike, pool as tolerated
PHASE V 6-12 months	Full	None	Full	Advance functional activity Return to sport-specific activity and impact when cleared by MD after 8 mos

By signing this referral, I certify that I hav medically necessary. This patient would	ve examined this patient and physical therapy iswould not benefit from social services.
	Date:

