



Indiana University Health

IU Health Physicians Orthopedics & Sports Medicine

DENOVO (JUVENILE PARTICULATE CARTILAGE IMPLANTATION) OF FEMORAL CONDYLE

PHYSICAL THERAPY PROTOCOL

Bryan M. Saltzman, M.D.

Indiana University Health Physicians
Assistant Professor of Orthopaedic Surgery, Indiana University
Sports Medicine, Cartilage Restoration, Shoulder/Elbow
IU Health Methodist Hospital – 1801 N Senate Ave, Indianapolis, IN 46202
IU Health North – 201 Pennsylvania Pkwy #100, Carmel, IN 46280
317-944-9400

www.bryansaltzmanmd.com

Patient Name:	Date of Surgery:
Evaluate and Treat	Provide patient with home program
Frequency:	x/week xweeks

	WEIGHT BEARING	BRACE	ROM	EXERCISES
PHASE I 0-6 weeks		0-2 week : Locked in full extension at all	for 6 hours/day,	0-2 weeks : Quad sets, SLR, calf pumps, passive leg hangs to 90° at home
0-0 Weeks			advance 5- 10° daily	2-6 weeks: PROM/AAROM to



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		Off for CPM and exercise only Discontinue after 2 wks		tolerance, patella and tibiofibular joint mobs, quad, hamstring, and glute sets, SLR, side-lying hip and core
PHASE II 6-8 weeks	Advance 25% weekly until full	None	Full	Advance Phase I exercises
PHASE III 8-12 weeks	Full	None	Full	Gait training, begin closed chain activities: wall sits, shuttle, minisquats, toe raises 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

, , ,	ve examined this patient and physical therapy is dwould not benefit from social services.
	Date:
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