



Post-Operative Rehabilitation Guidelines: Hip Subchondroplasty

ROM Restrictions: (perform PROM in pain free ranges)

1. **Flexion:** Limited to 90° for 2 weeks (may go >90° in the CPM, if applicable)
2. **Extension:** Limited to 0° for 3 weeks
3. **External Rotation:** Limited to 30° at 90° of hip flexion for 3 weeks; 20° in prone for 3 weeks
4. **Internal Rotation:** Limited to 20° at 90° of hip flexion for 3 weeks; no limitation in prone
5. **Abduction:** Limited to 30° for 2 weeks

Weight Bearing Restrictions:

1. 20-pound flat foot weight bearing for 4 weeks

Gait Progression:

1. Begin to discontinue crutches between 4-6 weeks
2. Patient may be **fully off** crutches/brace only when: gait is **pain free** and **non-compensatory**

Patient Precautions:

1. **NO** active lifting of surgical leg for ~4 weeks – utilize family member/caretaker for assistance
2. **NO** sitting >30-45 minutes at a time for first 3 weeks
3. **DO NOT** push through pain – can skip day of PT or drop down to previous phase if needed

Initial PT Visit Checklist:

- Instructed in ambulation and stairs with crutches and 20 lb FFWB
- Upright stationary bike without resistance – 20 minutes daily
- CPM usage (if applicable) - 4 hours per day
 - o Decrease to 3 hours if stationary bike used for 20-minute intervals
- Instruction on brace application/usage
- PROM exercises 20 minutes, 2x per day – circumduction, abduction, log rolls
 - o PROM restrictions for 3 weeks
- Prone lying 2-3 hours per day
- Isometrics – quad/glute sets, TA activation (hold for 5 seconds, 20x each, 2x per day)

Phase I

1. **Goal:** Protect the joint and avoid irritation
2. **PT Pointers:**
 - a. Symmetric ROM by 6-8 weeks
 - b. **NO** active open-chain hip flexor activation
 - c. Emphasize proximal control
 - d. Manual therapy to be provided **20-30 minutes** per PT session



Phase I continued

Exercise/Activity	Frequency	Post-Op Week					
		1	2	3	4	5	6
Stationary bike (20 mins, increasing at week 3, as tolerated)	Daily	X	X	X	X	X	X
Soft tissue mobilization (20-30 mins per session) <i>** Specific focus to the adductors, TFL, Iliopsoas, QL and Inguinal ligament</i>	Daily	X	X	X	X	X	X
Isometrics – quad, glutes, TA	Daily	X	X				
Diaphragmatic breathing	Daily	X	X				
Quadriped – rocking, pelvic tilts, arm lifts	Daily	X	X	X			
Anterior capsule stretches – surgical leg off table/figure 4	Daily			X	X	X	X
Clams/reverse clams	Daily	X	X	X			
TA activation with bent knee fall outs	Daily	X	X	X			
Bridging progression	5x/week		X	X	X	X	X
Prone hip ER/IR, hamstring curls	5x/week		X	X	X	X	X

Phase II

1. **Goal:** Non-Compensatory Gait and Progression
2. **PT Pointers:**
 - a. Advance ambulation slowly without crutches/brace a tolerated; avoid any compensatory patterns
 - b. Provide tactile and verbal cueing to enable non-compensatory gait patterning
 - c. Advance exercises only as patient exhibits good control (proximally and distally) with previous exercises

Exercise/Activity	Frequency	Post-Op Week							
		3	4	5	6	7	8	9	10
Progression off crutches (~3 weeks)	Daily	X							
Soft tissue mobilization (20-30 mins per session) <i>** Focus to the adductors, TFL, Iliopsoas, QL & Inguinal ligament</i>	2x/wk	X	X	X	X	X	X	X	X
Joint Mobilization – posterior/inferior glides	2x/wk			X	X	X	X	X	X
Joint Mobilization – anterior glides	2x/wk					X	X	X	X
Prone Hip Extension	5x/wk	X	X	X					
Tall / ½ kneeling w/ core & shoulder girdle strengthening	5x/wk	X	X	X	X				
Standing weight shifts: side/side & anterior/posterior	5x/wk	X	X						
Backward / lateral walking w/o resistance	5x/wk	X	X						
Standing double-leg 1/3 knee bends	5x/wk		X	X	X				
Advance double-leg squat	5x/wk				X	X	X	X	X
Forward step ups	5x/wk				X	X	X	X	X
Modified planks / side planks	5x/wk				X	X	X	X	X
Elliptical (begin w/ 3 mins, increasing as tolerated)	5x/wk				X	X	X	X	X



Phase III:

1. **Goal:** Return to pre-injury level
2. **PT Pointers:**
 - a. Focus more on **functional** exercises in all planes
 - b. Advance exercises only as patient exhibits good control (proximally and distally) with previous exercises
 - c. More individualized, if the patients demand is higher, then the rehab

Exercise/Activity	Frequency	Post-Op Week					
		8	9	10	11	12	16
Soft tissue / joint mobilization as needed	2x/wk	X	X	X	X	X	X
Forward/lateral lunges, split squats	3x/wk	X	X	X	X	X	X
Side steps / retro walks w/ resistance (begin w/ more proximal resistance)	3x/wk	X	X	X	X	X	X
Single leg balance – squat, trunk, rotation	3x/wk	X	X	X	X	X	X
Planks / side planks	3x/wk	X	X	X	X	X	X
Single leg bridges (advance hold duration)	3x/wk	X	X	X	X	X	X
Slide board exercises	3x/wk			X	X	X	X
Agility drills (if pain free)	3x/wk			X	X	X	X
Hip rotational activities (if pain free)	3x/wk			X	X	X	X

Phase IV:

1. **Goal:** Return to Sport
2. **PT Pointers:**
 - a. It typically takes 4-6 months to return to sport, possibly 1 year for maximal recovery
 - b. Perform a running analysis prior to running/cutting/agility
 - c. Assess functional strength and obtain proximal control prior to advancement of phase 4

Exercise/Activity	Post-Op Week				
	16	20	24	28	32
Running	Alter G	X	X	X	X
Agility		X	X	X	X
Cutting			X	X	X
Plyometrics			X	X	X
Return to sport specifics			X	X	X

Important Information

- *Office Hours:* Monday – Friday; 7:30am –4:30pm
- *After Hours/Emergency Contact:* Resident/Fellow – 708.236.2600
- *Central Scheduling:* 708.236.2701 | <https://rushortho.radixhealth.com/dash/self/#/schedule/29>
- *Administration:* Jeannie Taylor – 312.432.2525
- *Physician Assistants:* Sara, Delaney, & Erica – 312.432.2388 | nhopa@rushortho.com

We are in clinic or surgery and not answering calls in real time – we will return all voicemails within 24-48 hours.