

Rehabilitations/p ACL Reconstruction

Saint Louis UniversitySSM Health Physical Therapy Orthopedic Residency
in Collaboration withSLUCare Physicians

These guidelines, treatments, and milestones have been established to assist in guiding rehabilitation based on the most current available evidence. They are not intended to be substitute for sound clinical judgement with consideration of the individual contextual features of the patient and the demands of various functions/sports.

Pre-operative goals Full knee extension range of motion (ROM), absent or minimal joint swelling, no knee extension lag with straight leg raise (SLR), educate the patient on what to expect following surgery, and protect the joint.

Timeline	Milestones	Treatment Recommendations
<u>Week 1</u> (Day 07)		

Rehabilitation s/p ACL Reconstruction

x

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x 5xSTS Normative Values

Errors (Impairments) seen in Single Leg Squat Movement <small>adapted from (Liebenson 2002) (Bailey et al 2010)</small>		
Midfoot collapse	Early heel rise	Poor control of knee with ascent
Femoral adduction, IR	Pelvic drop	Excessive trunk flexion or knee extension on ascent

Running Program

Level	Treadmill	Track
1	0.1-mile walk/0.1-mile jog, repeat 10 times	Jog straights/walk curves (2 miles)
2	Alternate 0.1mile walk/0.2mile jog (2 miles)	Jog straights/jog 1 curve every other lap (2 miles)
3	Alternate 0.1mi walk/0.3mi jog (2 miles)	Jog straights/jog 1 curve every lap (2 miles)
4	Alternate 0.1mi walk/0.4mi jog (2 miles)	Jog 1.75 laps/walk curve (2 miles)
5	Jog full 2 miles	Jog all laps (2 miles)
6	Increase workout to 20.7 (2 m) f 282.6 (2 m) m7-0 (

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