## Matthew H. Blake, MD

Team Physician, *University of Sioux Falls & Dordt University*Assistant Professor University of South Dakota School of Medicine www.MatthewBlakeMD.com



## **Latarjet Shoulder Stabilization Guideline**

Individual patient circumstances may affect the guideline (tear configuration, fixation used, associated procedures, etc.)

Phase	Goals	Precautions/Restrictions	Treatment
Weeks 0-6	<ul> <li>Protect surgical site</li> <li>Limit post-op pain</li> <li>PROM up to: <ul> <li>Flexion 0-140°</li> <li>Abduction 80°</li> </ul> </li> </ul>	<ul> <li>Sling at all times</li> <li>PROM only</li> <li>ROM up to: <ul> <li>Flexion to 140°</li> <li>ER to 25° in 30° of ABD</li> <li>ABD to 60-80°</li> <li>IR to 45° in 30° of ABD</li> </ul> </li> <li>No active IR or extension</li> <li>Avoid canes/pulleys</li> </ul>	<ul> <li>PRICE         <ul> <li>Cryotherapy: 5-7 times per day</li> <li>Compression with TubiGrip/TEDS</li> </ul> </li> <li>Pendulums</li> <li>Grip strengthening</li> <li>Isometric scapular stabilization</li> <li>Submaximal shoulder isometrics at week 4</li> <li>Modalities: e-stim, heat, ice as needed</li> <li>Cardio: walking, stationary bike with sling on</li> </ul>
Weeks 6-12	<ul> <li>Full, pain-free ROM in all planes</li> <li>Shoulder IR and ER strength within 90% LSI in neutral position</li> </ul>	<ul> <li>May discontinue sling use</li> <li>PROM in all planes as tolerate</li> <li>May initiate AAROM/AROM as tolerated</li> <li>No anterior directed glides</li> <li>Avoid running or jumping</li> </ul>	<ul> <li>PROM as tolerated</li> <li>AAROM and AROM</li> <li>Shoulder mobilizations as needed</li> <li>Isometric shoulder strengthening</li> <li>Rotator cuff strengthening in non-provocative positions at week 8</li> <li>Scapular strengthening</li> <li>Core strengthening</li> <li>Modalities: per therapist</li> <li>Cardio: walking, stationary bike, stairmaster</li> </ul>
Weeks 12-20	<ul> <li>Full, pain-free ROM in all planes</li> <li>Shoulder IR and ER strength within 90% LSI at 90 degrees of abduction</li> </ul>	<ul> <li>No ROM restrictions</li> <li>Avoid swimming, throwing sports</li> <li>Avoid contact activities</li> <li>Closed-chain activities at week 16</li> </ul>	<ul> <li>End-range stretching</li> <li>Joint mobilizations if needed</li> <li>Continue with progressive resistance exercise</li> <li>Banded shoulder strengthening in 90/90 position as tolerated</li> <li>Discuss sport mechanics with therapist</li> </ul>
Weeks 20+	<ul> <li>Full Rom in all planes</li> <li>Strength ≥ 100% LSI in 90/90 position</li> <li>Progression through overhead athlete program</li> <li>Improve capacity for sport-specific demands</li> </ul>	<ul> <li>See OH athlete program for progressions based on tolerance</li> <li>Return to contact sport between 4-6 months post-op with surgeon approval</li> </ul>	<ul> <li>Motion – posterior glides if capsule tightness</li> <li>Continue with strengthening listed above</li> <li>Progress with velocity based strengthening</li> <li>Shoulder plyometrics</li> <li>Initiate overhead athlete program</li> </ul>

This guideline is not meant to be prescriptive but a recommendation to the rehabilitation process. Progress may vary based on specifics of injury and procedure.