

Protocol S6
Physical Therapy Protocol for
Repair of SLAP (Superior Labrum Anterior Posterior) Lesion

Phase I: Protection Phase (0-5 weeks)

GOALS:

- Protect the anatomic repair.
- Decrease pain and inflammation.
- Prevent negative effects of immobilization.

ANCILLARY MEASURES:

- Wear shoulder immobilizer at all times (except during exercises) for 5 weeks.
- At 5 weeks, discontinue shoulder immobilizer.
- Use pain medication as needed.
- Ice shoulder (cold pack) as needed.

EXERCISES:

- **Codman's Pendulum:** Stand adjacent to a chair or table and bend slightly at the waist. Support your body weight by leaning on the chair or table with the opposite arm. Let the full weight of the operated arm hang freely. Gently swing the operated arm forward and back, side to side as tolerated for 15 seconds. Progress to 3-5 minutes. Repeat 4-6 times each day.
- **Passive Forward Flexion:** Use a therapy helper or your opposite arm to gently raise the operated arm up in front. Start with operated arm at your side and passively bring hand to your mouth, then to forehead, then to back of head. Repeat 4-6 times per day, 10-12 repetitions. Goals for motion are as follows: week 1, 120 degrees; week 3, 140 degrees, week 5, full overhead elevation.
- **Passive Shoulder Abduction:** Begin this exercise at week 3. Start with arm at side. Gradually lift operated arm with therapy helper or opposite arm out to side in abduction.
- **Passive External/Internal Rotation:** Begin this exercise at week 3. Arm motion should be in scapular plane. Use a therapy helper or opposite arm to move operated arm away from body and across in the front.
- **Hand/Wrist/Elbow ROM:** Active ROM of the elbow, wrist and fingers on the operated side is encouraged. Gripping exercises are allowed.

PRECAUTIONS:

- NO biceps resistance exercises.
- NO shoulder abduction or external rotation for the first two weeks postop.

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Repair of SLAP (Superior Labrum Anterior Posterior) Lesion

Phase II: Motion Phase (6-10 weeks)

GOALS:

- Restore full passive and active range of motion (ROM).
- Begin muscular strengthening.

ANCILLARY MEASURES:

- Use pain medications as needed.
- Continue use of ice as needed after exercises and with pain.
- Shoulder immobilizer is discontinued.

EXERCISES:

- **Continue all Phase I** exercises.
- **Active Forward Flexion:** Without the use of a therapy helper or the opposite arm, raise up operated arm in front. Push to peak so as gradually increasing motion. Repeat 4-6 times per day, 10-12 repetitions.
- **Active Range of Motion:** Perform active shoulder ROM in all planes to restore full motion. Repeat 4-6 times per day, 10-12 repetitions.
- **Isometric Flexion/Extension/Abduction with Wall:** Use a stationary wall to provide resistance against shoulder flexion, extension, and abduction. (Your arm should not move, but you should feel your shoulder muscles tightening).

PRECAUTIONS:

- No lifting with operated arm.
- No push up from chairs or pushing to open doors with operated arm.

Protocol S6
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Repair of SLAP (Superior Labrum Anterior Posterior) Lesion

Phase III: Strengthening Phase (11-16 weeks)

GOALS:

- Maintain full, active, pain-free ROM.
- Increase muscular strength.
- Return to daily activities.

ANCILLARY MEASURES:

- Continue use of ice and medications only as needed.
- Increase activities as patient progresses to full healing.

EXERCISES:

- **Continue all Phase I and Phase II exercises.**
- **Aggressive Self Stretching:** Self stretching may be helpful prior to strengthening exercises. Stretch in adduction (posterior capsule), external rotation and internal rotation (using towel or belt behind back) to maximize range of motion.
- **Isotonic Strengthening w/Therabands:** Secure the theraband to a doorknob or hook so that you may stretch the band until you feel resistance. Start using low resistive theraband, 5 repetitions, 3 times per day. Gradually increase repetitions to achieve goal of 20 repetitions per exercise, 3 times per day. Then graduate to more resistive theraband and begin with 5 repetitions and repeat process, gradually increasing repetitions per exercise per day. Strengthening exercises should include shoulder flexion, extension, abduction, external rotation and internal rotation.
- **Isotonic Strengthening w/Free Weights:** Progress to light free weights (not more than three pounds) after therabands have been used.

PRECAUTIONS:

- NO heavy lifting or work activity.
- NO sports activity.

Protocol S6
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Repair of SLAP (Superior Labrum Anterior Posterior) Lesion

Phase IV: Advanced Strengthening Phase (17-26 weeks)

GOALS:

- Prepare for strenuous work activity
- Prepare for sports activity

EXERCISES:

- **Continue all Phase I and II exercises and Phase III strengthening** program outlined above on a daily basis. This may be done with or without the supervision of physical therapist.
- **Biceps Strength Exercise:** Using no more than 3 pounds, bring arm to a biceps curl. Increase repetitions to achieve goal of 10-12 repetitions, 1-2 times per day.
- **Restricted Sport Activities:** May begin interval training programs for throwers and for golfers at this time. These activities are permitted only if the shoulder is pain free.

PRECAUTIONS:

- NO heavy overhead lifting or work.
- NO contact or strenuous sports.

Protocol S6
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Repair of SLAP (Superior Labrum Anterior Posterior) Lesion

Phase V: Maintenance Phase (27+ weeks)

GOALS:

- Return to strenuous work activity without restrictions
- Return to sports activity without restrictions

EXERCISES:

- Continue maintenance exercise program of isotonic strengthening 3 times per week. This is done without the assistance of a physical therapist.
- Continue sports specific exercise program as needed.
- Return to unrestricted sports activity is generally permitted.

PRECAUTIONS:

- Avoid shoulder re-injury by common mechanisms such as overhead work and weight lifting.
- Use common sense and avoid painful activities or exercises.