

POSTERIOR STABILIZATION POST OPERATIVE PROTOCOL

	Time Frame (Weeks)	Guidelines	Goals
PHASE I	0 to 3-4	SLING: Gunslinger or Abduction pillow x 4 weeks ROM: No GHJ ROM x 2-3 weeks per MD EXERCISE PROGRESSION • Cervical ROM, basic deep neck flexor activation (chin tucks) • Active hand and wrist ROM • Passive elbow flexion/extension • Active shoulder retraction • Walks, low intensity cardio exercise to promote healing MANUAL INTERVENTION • UT, parascapular STM as needed. Effleurage massage to forearm and upper arm as needed.	• Gunslinger or abduction pillow x 4 weeks with arm positioned with midline of the body and humerus externally rotated to neutral • Reduce inflammation • Decrease pain • Postural education
	3-4 to 6	SLING: Move into regular sling at 3-4 weeks post-op EXERCISE PROGRESSION • Supine flexion using contralateral arm for ROM 3x/day. • Supine ER using T-bar. • DNF and proper postural positioning with shoulder retraction exercises. • Cervical ROM. • Low/moderate cardio work; Elliptical okay, no running. MANUAL INTERVENTION • STM – global shoulder and CT junction. • Scar tissue mobilization when incisions are healed. • Grade 1-2 GH mobilizations as needed. • ST mobilizations. • Gentle sub-maximal isometrics to achieve ROM goals.	• Postural education with cervical spine; neutral scapular positioning • Shoulder flexion to 90° with gradually progression to full in scapular plane • Full shoulder external rotation
PHASE II	6 to 8	EXERCISE PROGRESSION • Serratus activation; Ceiling punch (weight of arm) many initially need assistance. • Manual perturbations supine, arm in 90° flexion • Scapular strengthening – prone scapular series (rows and l's). Emphasize scapular strengthening under 90°. • External rotation on side (no resistance). • Cervical ROM as needed to maintain full mobility. • DNF proper postural positioning with all RC/SS exercises. • Low/moderate cardio work; Elliptical okay, but no running. • Continue with combined passive and active program to push full flexion and external rotation achieving ROM goals outlined above. • Stick off the back progressing to internal rotation • Sub-maximal 6 direction rotator cuff isometrics (no pain). MANUAL INTERVENTION • STM – global shoulder and CT junction. • Scar tissue mobilization. • Graded GH mobilizations. • ST mobilizations. • Gentle CR/RS to gain ROM while respecting repaired tissue.	• Discontinue sling as instructed. • Full shoulder flexion and external rotation • Begin internal rotation with stick off back

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PHASE III	8 to 12	EXERCISE PROGRESSION • Continue with combined passive and active program to push full flexion and external rotation. • Internal rotation with thumb up back; gradually introduce sleeper stretch as ROM deficits direct. • Continue with ceiling punch adding weight as tolerated. • Advance intensity of sub-maximal rotator cuff isometrics. May discontinue once isotonic RC/SS program is fully implemented. • Advance prone series to include T's and Y's adding resistance as tolerated. • Resisted ER in side-lying or with bands. • Gym: rows, front lat pulls, biceps and triceps. • Scaption; normalize ST arthrokinematics. • Supine progressing to standing PNF patterns, adding resistance as tolerated. Protect end range 90/90. • CKC progression (week 10) – Quadruped weight shift with slight elbow flexion. Avoid lock-out position to limit direct posterior force. • Therapist directed RS and perturbations in quadruped – bilateral progressing to unilateral-tri pod position (Avoiding lockout position) MANUAL INTERVENTION • STM and Joint mobilization to CT junction, GHJ and STJ as needed. • CR/RS to gain ROM while respecting repaired tissue. • Manual perturbations. • PNF patterns.	• Gradual progression to full P/AROM by week 10-12 • Normalize GH/ST arthrokinematics. • Activate RC/SS with isometric and isotonic progression.
PHASE IV	12 to 24	EXERCISE PROGRESSION • Full range of motion all planes protecting end range 90/90. • Begin strengthening at or above 90° with prone or standing Y's, D2 flexion pattern and 90/90 as scapular control and ROM permit. Patient goals/objectives will determine if strengthening above 90° is appropriate. • Progress RC and scapular strengthening program. • Continue with closed chain quadruped perturbations; add open chain as strength permits. • Advance CKC exercises—ball compression, counter weight shift, knee scapular push pressing with light resistance; very gradual increase in loading. • Initiate plyometric and rebounder drills as appropriate. • RTS testing for interval programs • Follow-up examination with the physician (6 months) for release to full activity. MANUAL INTERVENTION • STM and Joint mobilization to CT junction, GHJ and STJ as needed. • CR/RS to gain ROM while respecting repaired tissue. • Manual perturbations. • PNF patterns. CRITERIA FOR RETURN TO PLAY • Full, pain-free ROM • Normal GH/ST arthrokinematics • >90% MMT using handheld dynamometer • Full progression through interval program • Anticipated return to play for contact athlete is 4 months • Anticipated return to play for throwing athlete, swimmer and volleyball is 6-9 months.	• Gradual progression to full ROM • Normalize GH/ST arthrokinematics. • Advance gym strengthening program. • Begin RTS progression. • Evaluation with physician for clearance to full activity.