

Robert Kollmorgen DO

PECTORALIS MAJOR REPAIR

Revised August 2017

Post-op Days 1 – 14

Shoulder Immobilizer x 6 weeks – Even while sleeping
– Place pillow under shoulder / arm while sleeping for comfort
Hand squeezing exercises
Elbow and wrist active motion (AROM) with shoulder in neutral position at side
Stationary bike (must wear immobilizer)

Goals

Pain control

Protection

Weeks 2 – 4

Continue immobilizer x 6 weeks
Continue appropriate previous exercises
Supported pendulum exercises
Resisted elbow / wrist exercises with light dumbbell (< 5#), shoulder in neutral

Goals

Pain control

Protection

Weeks 4 – 6

Continue immobilizer x 6 weeks
Continue appropriate previous exercises
Shoulder shrugs, scapular retraction without resistance
Active assisted motion (AAROM) supine with wand – Flexion to 90 degrees
1-2 Finger Isometrics x 6 (fist in box)
Goal – **Supine AAROM Flexion to 90 degrees**

Weeks 6 – 8

D/C Immobilizer
Continue appropriate previous exercises
AROM in pain-free range as tolerated, **No PROM**
AAROM (pulleys, supine wand, wall climb)
– Flexion > 90 degrees
– Abduction and ER to tolerance
– IR and extension (wand behind back)
Submaximal isometrics (continue 1-2 fingers for IR)
Elliptical trainer – Lower extremity only
Treadmill – Walking progression program
Goal – AROM Flexion to 120 degrees, Abduction to 90 degrees

Weeks 8 – 12

Continue appropriate previous exercises
AROM, AAROM through full range, **No PROM**
Light Theraband ex – ER, Abduction, Extension
Biceps and Triceps PREs
Prone scapular retraction exercises (without weights)
Push-up plus on wall – No elbow flexion > 90 degrees
Body blade
BAPS on hands

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Ball on wall (arcs, alphabet)
Elliptical trainer (upper and lower extremities)
Pool walking / running – No UE resistive exercises

Goals

Full AROM
30 wall push-ups

Months 3 – 4

Continue appropriate previous exercises
PROM / mobilization as needed to regain full ROM
Light Theraband ex – IR, Adduction, Flexion, Scaption
– Continue ER, Abduction, Extension with increased resistance
Push-up progression – Wall to table to chair (no elbow flexion > 90 degrees)
Weight training with **VERY LIGHT** resistance (no flies or pull downs)
– No elbow flexion > 90 degrees
– Bench press
– Seated row weight machine
– Cable column
Ball toss with arm at side using light ball
UBE forwards and backwards at low resistance
Stairmaster
Treadmill – Running progression program
Pool walking / running – With UE resistance (No swimming)

Goals

30 table push-ups
Run 2 miles at easy pace

Months 4 – 6

Continue appropriate previous exercises with increased resistance
Fitter on hands
Ball toss overhead
Push-up progression – Chair to regular
Sit-ups
Weight training with increasing resistance
– No elbow flexion > 90 degrees
– Military press, lat pull downs, flies
– Gravitron for pull-ups and dips
Swimming
Running progression to track
Transition to home / gym program

Goals

Normal Pectoralis Major strength
Resume all activities

No contact sports until after 6 months post-op