

**Mr Mark S. Falworth MBBS FRCS(Eng) FRCS (Orth)**  
**Consultant Orthopaedic Surgeon**  
**Shoulder and Elbow Surgery**

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**Physiotherapy protocol: Pec. Major Tendon Repair**

Date of Surgery ...../...../.....

Diagnosis: .....

Operation: .....

Weeks 0-6:

- Elbow ROM, wrist ROM, grip strengthening and scapular setting exercises
- Patient to remain in sling for 6 weeks
- True PROM only - the P. Major tendon needs to heal back into the bone
- ROM goals: 110° FE, 10° ER at side; ABD max 60-80° without rotation
- No resisted motion of shoulder until 12 weeks post-op
- Minimise canes/pulleys until 6 weeks post-op, because these are active-assisted exercises
- Heat before Physio, ice / cryocuff after

Weeks 6-12:

- Begin AAROM as tolerated
- Goals: re-establish full range of movement with 180 FE, 30+ ER increasing as tolerated
- Light passive stretching at end ranges
- At 8 weeks, can begin isometric strengthening to rotator cuff muscle groups

Months 3-12:

- Advance to full AROM as tolerated with passive stretching at end ranges
- Advance strengthening as tolerated: isometrics → bands → light weights; 8-12 reps/2-3 sets per rotator cuff, deltoid, and scapular stabilisers

Comments:

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