# Orthopedic Associates of Hartford, P.C.

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**Date of Surgery**:

#### **Post-Operative Rehabilitation Protocol:**

# Subacromial Decompression, Distal Clavicle Excision, Debridement, or Chondroplasty

#### PHASE I: MOTION PHASE (WEEKS 0-3)

<u>GOALS</u>: Allow soft tissue healing, diminish pain/inflammation, establish early motion, retard muscle atrophy.

#### I. <u>Immediate Post-Operative to Week 3</u>:

#### A. General:

- \* Sling for comfort only
- \* Discontinue sling as soon as tolerated
- \* Cryotherapy unit or ice 20 minutes/hour

#### B. Weight Bearing:

\* As tolerated

### C. Range of Motion Goals:

- \* Passive, AAROM, AROM to full as tolerated
- \* Begin IR/ER in 0° abduction, then 45° abduction, then 90° abduction

#### D. Treatment / Exercises:

- \* Active elbow and wrist range of motion, hand gripping
- \* Cervical AROM
- \* Shoulder shrugs, protraction, retraction
- \* Pendulum exercises
- \* Wall climbs or L-bar for AAROM
- \* Rope and pulley
- \* Active shoulder extension lying prone or standing (forward flexed at waist)
- \* Isometrics (submaximal, pain-free) abductors, ER, IR, shoulder/elbow flexors

#### PHASE II – INTERMEDIATE PHASE (WEEKS 3-6)

<u>GOALS</u>: Progress to full motion, decrease pain, improve neuromuscular control, increase functional activities.

Enter Phase II if:

✔ ROM goals above are met

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- ✓ Minimal pain/tenderness
- ✓ Satisfactory MMT or IR/ER, Flex/Ex

#### II. <u>Weeks 3-6</u>:

- A. General:
  - \* Cryotherapy unit or ice 20 minutes/hour as needed
- B. Weight Bearing:
  - \* As tolerated
- C. Range of Motion Goals:
  - \* Full PROM, AAROM, AROM
- D. Treatment / Exercises:
  - \* Continue above treatment
  - \* Tubing exercises for ER/IR at 0° abduction
  - \* Humeral head stabilization exercises
  - \* Initiate isotonic program with dumbbells
  - \* Normalize glenohumeral/scapulothoracic kinematics
  - \* Trunk exercises
  - \* Endurance exercises

#### PHASE III - DYNAMIC STRENGTHENING PHASE (WEEKS 6-12)

<u>GOALS</u>: Progress to full motion, decrease pain, improve neuromuscular control, increase functional activities.

Enter Phase III if:

- ✔ Full, painless ROM
- ✓ Minimal pain/tenderness
- ✓ Strength at least 70% of uninvolved arm

#### **III. Weeks 6-12:**

A., B., C. As Above

- D. <u>Treatment / Exercises</u>:
  - \* Continue above treatment
  - \* Isotonic dumbbell exercises: deltoid, elbow flexors, periscapular muscles
  - \* Tubing exercises for scapulothoracic muscles
  - \* Initiate plyometrics for rotator cuff
  - \* Initiate diagonal patterns (PNF)
  - \* Initiate isokinetics
  - \* Add total body conditioning program

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#### PHASE IV: RETURN TO ACTIVTY PHASE (MONTHS 3+)

<u>GOALS</u>: Gradual return to recreational or competitive activity. Enter Phase IV if:

- ✔ Full, painless ROM
- ✓ No pain/tenderness
- ✓ Satisfactory isokinetic test (Flex/Ex, Abd/Add)
- ✓ Satisfactory clinical exam

#### IV. **Months 3+**:

A., B., C. As Above

- D. <u>Treatment / Exercises</u>:
  - \* Continue above treatment
  - \* Progress strengthening to tolerance
  - \* Initiate Interval Sports Program
  - \* Isokinetic tests
  - \* Return to competition if:
    - ✓ Full ROM
    - ✓ No pain/tenderness
    - ✓ Satisfactory strength (at least 90% of uninvolved arm)
    - ✓ Satisfactory clinical exam

#### \* Addendum

This protocol provides general rehabilitation guidelines following sSubacromial Decompression, Distal Clavicle Excision, Debridement, and/or Chondroplasty. It is subject to modification depending on the degree of injury, the type and extent of associated surgical intervention, as well as your individual progress post-operatively. For any questions, please call my office at 860-244-1017.