

**Phase III - Advanced Strengthening Program** 

Assistant Professor of Orthopaedics Division of Sports Medicine Tel: (646) 501-7223

## Post Operative Rehabilitation Following Elbow Arthroscopy

|            |     | Name: _    | Date:   |
|------------|-----|------------|---|
| Diagnosis: |     |            | Date of Surgery:  |
|            | Pha | ise I –In  | nmediate Motion Phase   |
|            | •   | Goals      | initialitie Motion i nuse   |
|            |     | 0          | Improve/regain of range of motion   |
|            |     | 0          | Retard muscular atrophy   |
|            |     | 0          | Decrease pain/inflammation  |
|            | •   | Day 1      | -4  |
|            |     | 0          | Range of motion to tolerance (elbow flexion/extension and supination/pronation) |
|            |     | 0          | Often full elbow extension is not capable due to pain                           |
|            |     | 0          | Gentle overpressure into extension  |
|            |     | 0          | Wrist flex/ext exercises  |
|            |     | 0          | Gripping exercises with putty   |
|            |     | 0          | Isometrics for wrist/elbow  |
|            |     | 0          | Compression/ice 4-5 times daily   |
|            | •   | Day 5      |   |
|            |     | 0          | range of motion ext/flex (at least 20-90)                                       |
|            |     | 0          | overpressure into extension (4-5 times daily)                                   |
|            |     | 0          | joint mobilization to re-establish ROM  |
|            |     | 0          | continue isometrics and gripping exercises continue use of ice                  |
|            | _   | O<br>Day 1 |   |
|            | •   | Day 1      | ROM exercises to tolerance (at least 10-100)                                    |
|            |     | 0          | Overpressure into extension (3-4 times daily)                                   |
|            |     | 0          | Continue joint mobilization techniques  |
|            |     | 0          | Initiate light dumbbell program (PREs)  |
|            |     | 0          | Biceps, triceps, wrist flex/ext, sup/pronators                                  |
|            |     | 0          | Continue use of ice post-exercise   |
|            | Pł  | nase II –  | Intermediate Phase  |
|            | •   | Goals      |   |
|            |     | 0          | Increase range of motion  |
|            |     | 0          | Improve strength/power/endurance  |
|            |     | 0          | Initiate functional activities  |
|            | •   | Week       |   |
|            |     | 0          | Full ROM exercises (4-5 times daily)  |
|            |     | 0          | Overpressure into elbow extension   |
|            |     | 0          | Continue PRE program for elbow and wrist musculature                            |
|            |     | 0          | Initiate shoulder program (Thrower's Ten Shoulder Program)                      |
|            |     | 0          | Continue joint mobilization   |
|            |     | 0          | Continue use of ice post-exercise   |
|            | •   | Week       |   |
|            |     | 0          | Continue all exercises listed above   |
|            |     | 0          | Initiate light upper body program   |
|            |     | 0          | Continue use of ice post-exercise   |





Assistant Professor of Orthopaedics Division of Sports Medicine Tel: (646) 501-7223

- Goals
  - o Improve strength/power/endurance
  - Gradual return to functional activities
- Criteria to Enter Phase III
  - o Full non-painful ROM
  - o No pain or tenderness
- Week 8 to 12
  - o Continue PRE program for elbow and wrist
  - o Continue shoulder program
  - o Continue stretching for elbow/shoulder
  - o Initiate Interval program and gradually return to sporting activities

| Comments:                 |                 |
|---------------------------|-----------------|
| Frequency: times per week | Duration: weeks |
| Signature:                | Date:           |