COMPLICATIONS OF CUFF REPAIR
REVISION ISSUES AND OPTIONS

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BOSTON SPORTS AND SHOULDER
NEW ENGLAND BAPTIST HOSPITAL
PATIENT COMPLAINTS

- PAIN
- STIFFNESS
- WEAKNESS
- LOSS OF FUNCTION
  - WORK
  - SPORTS
  - “I WANT MY LIFE BACK”
SECONDARY ISSUES

- ANGER
- DEPRESSION
- FRUSTRATION
- LEGAL HISTORY
  - MVA
  - WORK COMP
- DRUGS/ETOH
POST OP PAIN FACTORS

• STIFFNESS
• ADHESIONS
  • MOST COMMON PROBLEM
  • BLEEDING EARLY
  • DIABETIC
  • PRE-OP ADHESIVE CAPSULIS
  • NO PROM
  • TOO MUCH DONE
COMPLICATION FACTORS

- TOO MUCH DONE
- RCR AND ........
- SLAP/LABRAL REPAIRS
- CORACOID ???
- SS NERVE RELEASE ???
- AC JOINT
- BICEPS TENODESIS
- BAD DECISIONS = BAD RESULTS
COMPLICATION FACTORS

- BICEPS PATHOLOGY
  - 40% OF RC TEARS
    - LAFOSSE

- AC JOINT PAIN
  - WORSE WITH STIFFNESS
  - REPITITION
COMPLICATION FACTORS

- IMPINGEMENT
  - ? ASD DONE
  - INADEQUATE ASD
  - PROMINENT KNOTS OR HARDWARE

- SUBACROMIAL SCAR FORMATION
WORK UP AND DIAGNOSIS

• REVIEW PRIOR OP NOTES
• REVIEW POST OP PT REGIMEN
• LISTEN TO WHAT BOTHERS THE PATIENT THE MOST
NEW XRAYS

- DJD
- HARDWARE
- PRIOR DECOMPRESSION
- FRACTURES
- AC JOINT
MRI

- NO GADOLINIUM
- ? STATUS OF CUFF
- ? EFFUSION
- ATROPHY OF MUSCLES
- LOOK FOR 3D IMAGE OF ACROMION
PHYSICAL EXAM

• FOCUS ON TRUE PAIN POINTS
• PROM LOSS VS AROM LOSS
  • ALL STIFF!
  • PAINFUL END POINTS
• STRENGTH
• DON’T FORGET SUBSCAP TESTING
TREATMENT OPTIONS

• INTRA-ARTICULAR CORTISONE UNDER FLUORO
  • WITH ARTHROGRAM TO CHECK CUFF
  • DOES LIDOCAINE ALTER THE PAIN (WORK COMP)
  • ALTER PT AND WORK REGIMEN
SURGICAL OPTIONS

• GOALS, SAVE THE DELTOID
• DON’T MAKE A BAD SITUATION WORSE
• ARTHROSCOPIC APPROACH, AVOID OPEN IF POSSIBLE
• DO A CAREFUL EUA/MUA
GLENO-HUMERAL OPTIONS

- **ARTHROSCOPY**
  - **REMOVE IMPLANT DEBRIS/KNOTS**
  - **RELEASE ADHESIONS IN CAPSULE**
  - **TENODESIS FOR BICEPS PATHOLOGY OR SLAPS**
SUBACROMIAL SPACE

- ENTRY CAN BE TOUGH AS CUFF SCARS TO ACROMION
- PEEL CUFF OFF ACROMION
- TRIANGULATE OFF MID ACROMION AND WORK FORWARD AS LANDMARKS ARE GONE
SUBACROMIAL REVISION

- REMOVE ALL PROMINENT KNOTS/LOOSE IMPLANTS

- REDO OR DO DECOMPRESSION IF NEEDED
  - CAREFUL OF FRACTURE
EVALUATE CUFF

- ACCEPT PARTIAL TEARS OR ‘SCAR REPAIRS”
- REPAIR FULL THICKNESS RC TEARS
- ALTER ANCHORS
- MEDIALIZE REPAIR
- USE THE BICEPS
- ?TENDON TRANSFER
- ?REVERSE TSR
REVISION RCR

56 Y, O, 11 MOS S/P RCR
C/O PAIN AND CLICKING
REVISIONS

60 Y.O. TEACHER 18 MOS S/P RCR
C/O DEEP PAIN, CLICKING AND PROGRESSIVE DEC. MOTION
REVISIONS
REVISION CHALLENGE
SUMMARY POINTS

• TENSION IS THE ENEMY
• SOFT TISSUE CARE IS VITAL
• PRESERVE THE DELTOID
• ENHANCEMENT OF BIOLOGIC HEALING IS THE KEY

Chocolate Heals Everything

& PRP

& STEM CELLS
SUMMARY POINTS

- SECOND (OR MORE) TIME IN IS TOUGHER
- LEAST INVASIVE APPROACH
- AVOID TREATING THE MRI REPORT!!!
- LESS IS OFTEN BETTER
- FOCUS ON THE PATIENT’S NEEDS AND SPECIFIC FINDINGS
- STAY POSITIVE