

WHY CUFFS FAILLESSONS LEARNED



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DISCLOSURES

- CONSULT/TEACH
 - ARTHREX, LINVATEC, SMITH AND NEPHEW
- STOCK
 - PARCUS
- AANA
 - BOARD OF DIRECTORS



ROTATOR CUFF REPAIR THE ENEMY OF SUCCESS.....

- *TECHNIQUE*
 - *TOO LITTLE*
- *TENSION*
 - *TOO MUCH*
- *TISSUE*
 - *LOSS OR QUALITY*
- *? CAPACITY TO HEAL*



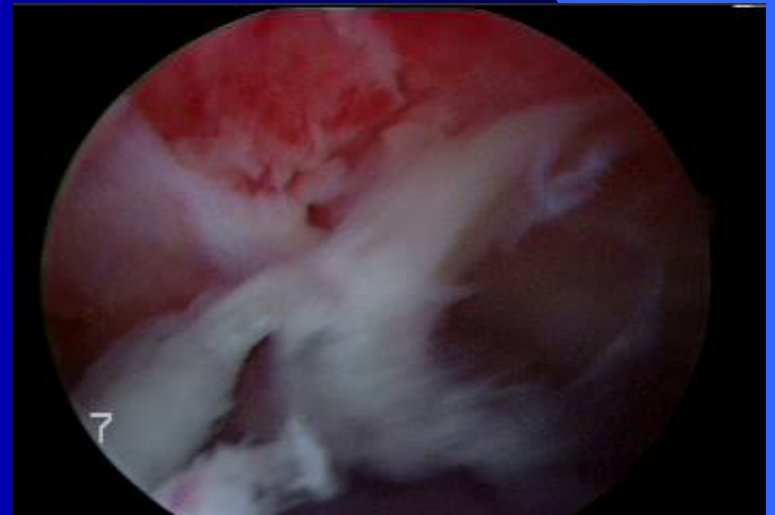
WHAT IS A FAILURE OF RC REPAIR

- PAIN
- STIFFNESS
- WEAKNESS
 - ? RE-TEAR
- LOSS OF FUNCTION
 - “I JUST WANT MY LIFE BACK”



POST OP PAIN FACTORS

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

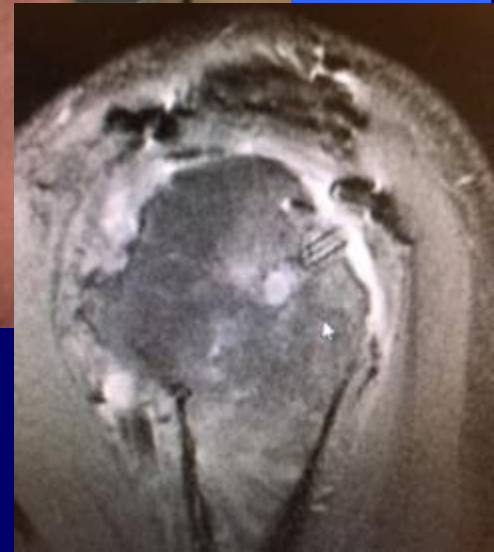
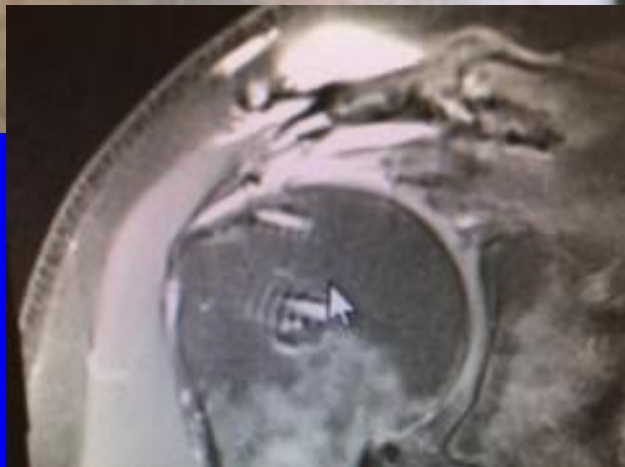


COMPLICATION FACTORS

- TOO MUCH DONE \$\$\$\$
- RCR AND
- **SLAP/LABRAL REPAIRS**
- AC JOINT
- SS NERVE RELEASE ???
- TENODESIS
- BAD DECISIONS= BAD RESULTS

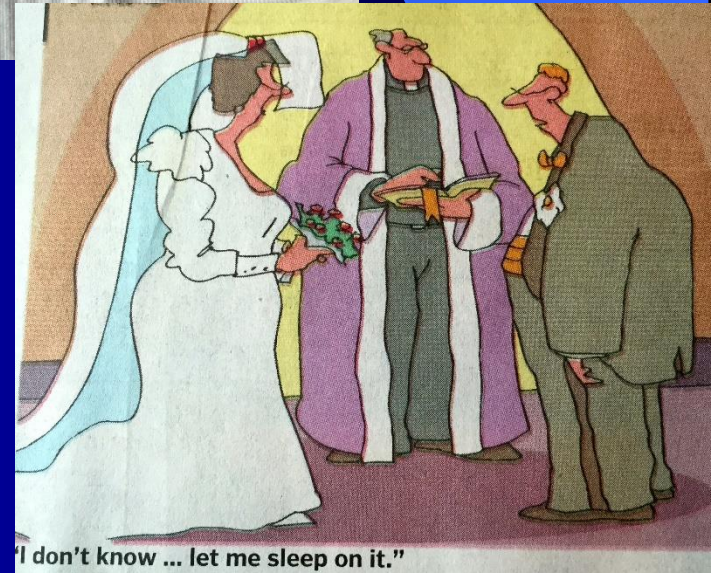


LESS IS BETTER !



WORK UP AND DIAGNOSIS

- REVIEW PRIOR OP NOTES
- REVIEW POST OP PT REGIMEN
- LISTEN TO WHAT BOTHERS THE PATIENT THE MOST



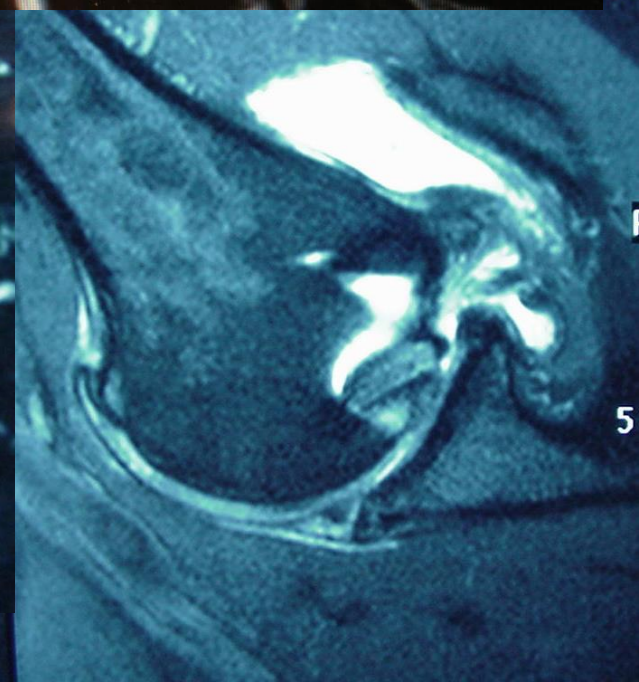
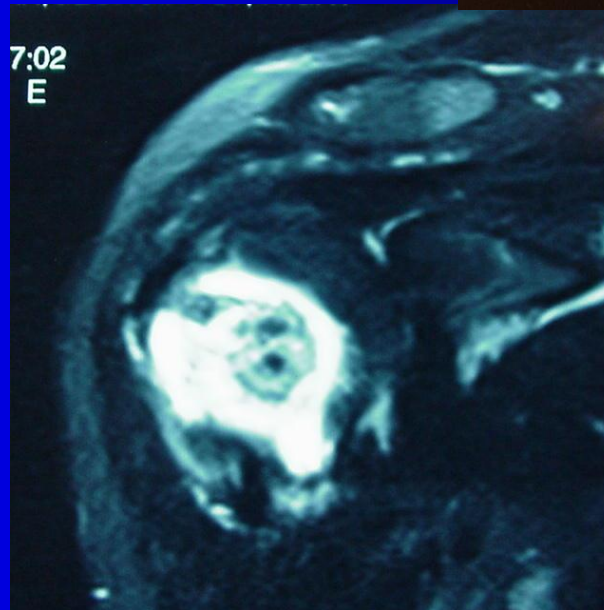
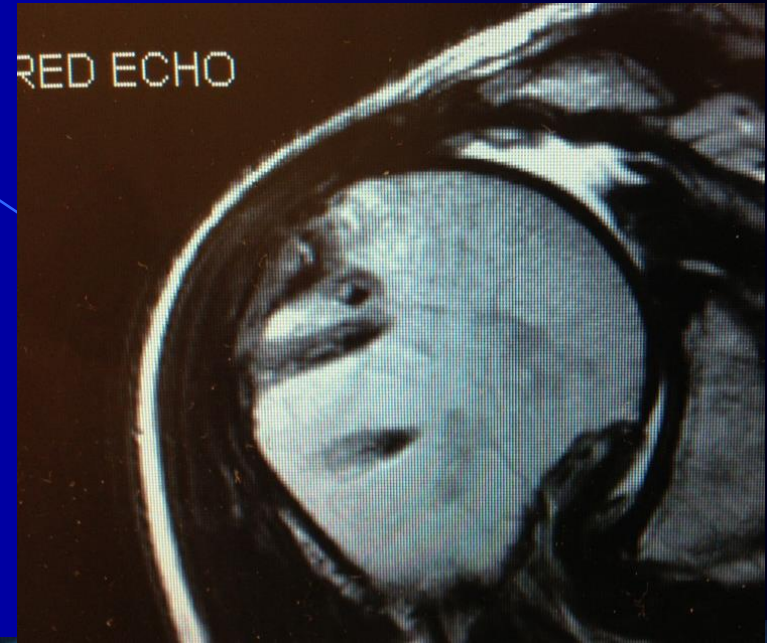
NEW XRAYs

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



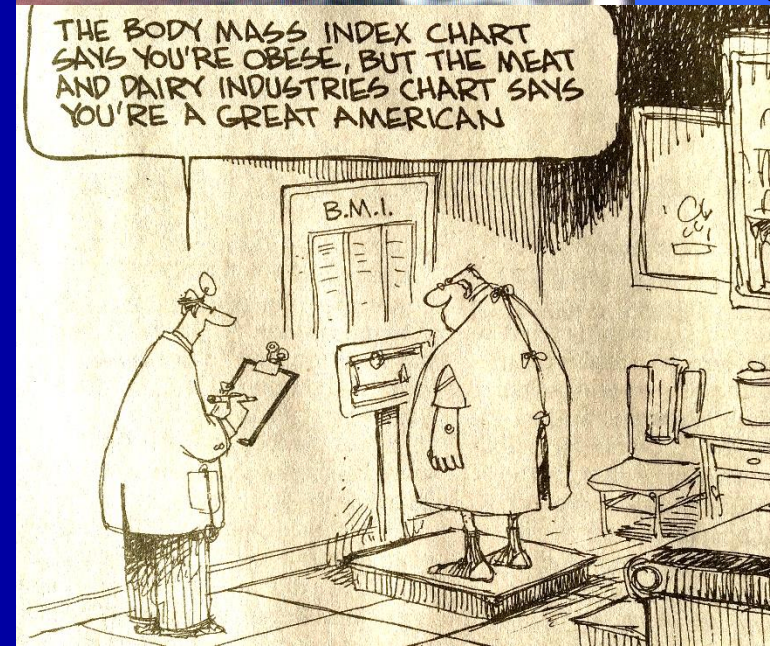
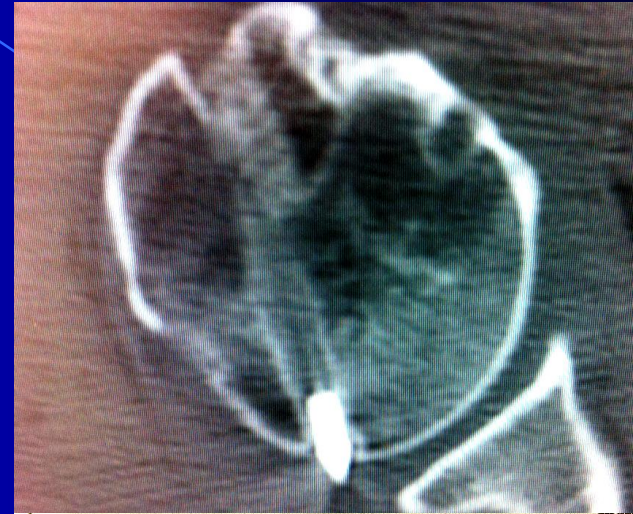
MRI

- NO GADOLINIUM
- ? STATUS OF CUFF
- ? EFFUSION
- ? BURSITIS
- 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
 - ? RE-TEAR



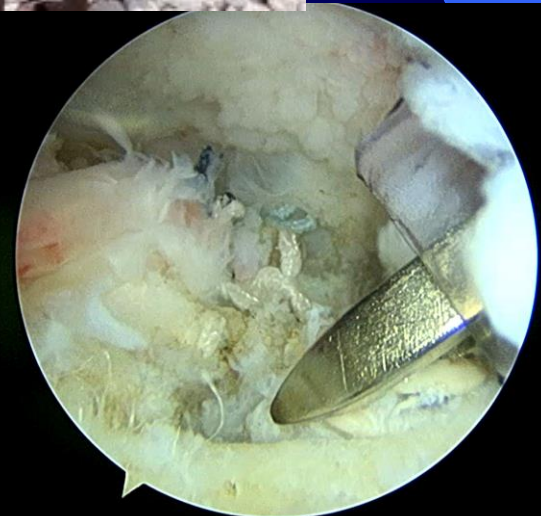
TREATMENT OPTIONS

- INTRA-ARTICULAR CORTISONE UNDER FLUORO
 - WITH ARTHROGRAM TO CHECK CUFF
- ALTER PT AND WORK REGIMEN
- MOTION IS EVERYTHING !



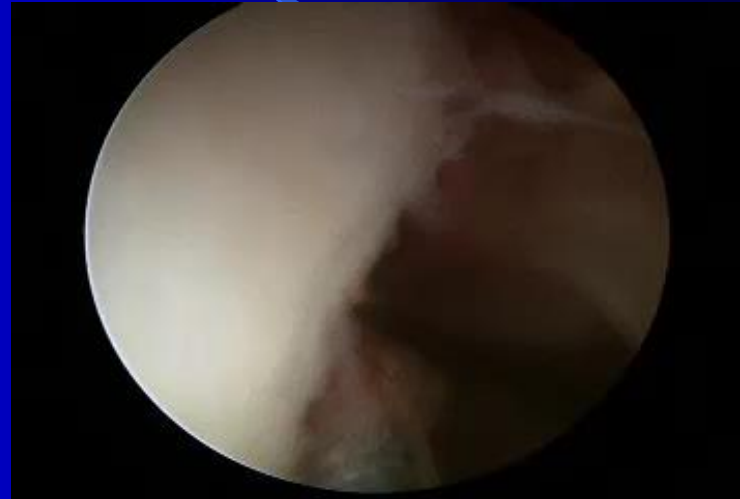
SURGICAL OPTIONS

- GOALS, SAVE THE DELTOID
- DON'T MAKE A BAD SITUATION WORSE
- ARTHROSCOPIC APPROACH, AVOID OPEN IF POSSIBLE



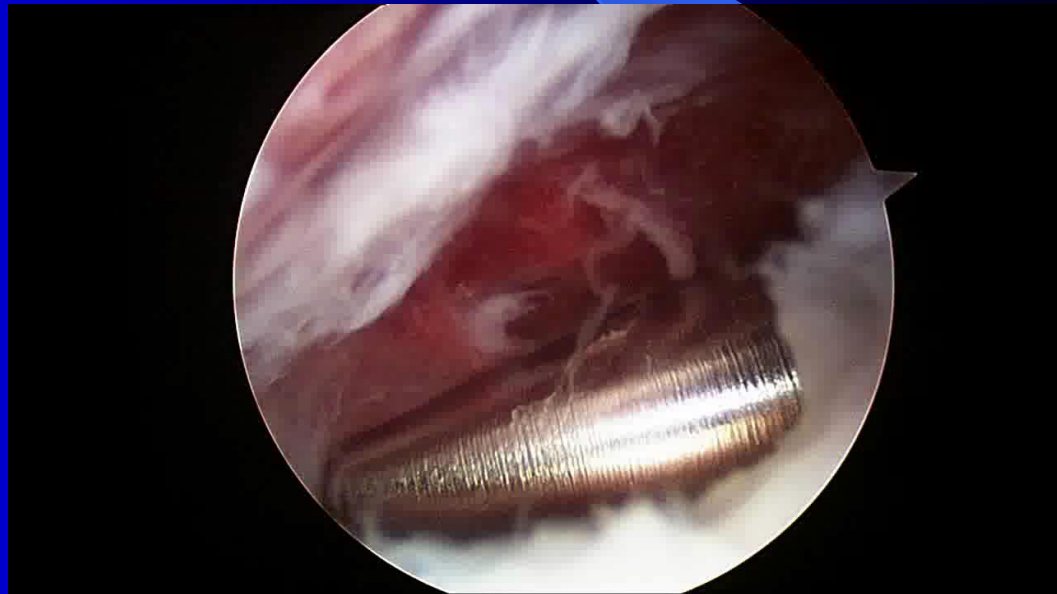
GLENO-HUMERAL OPTIONS

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

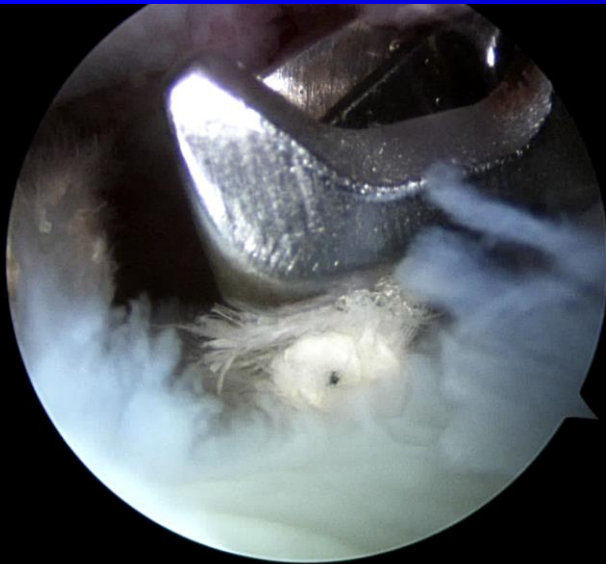


SUBACROMIAL REVISION

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

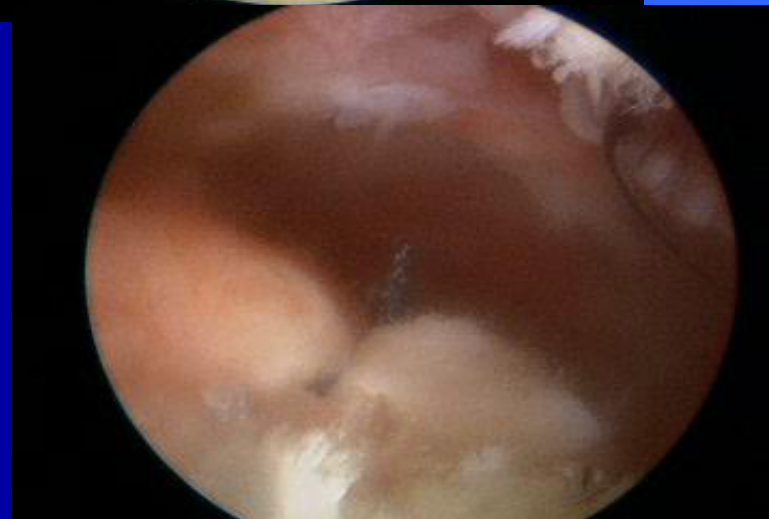
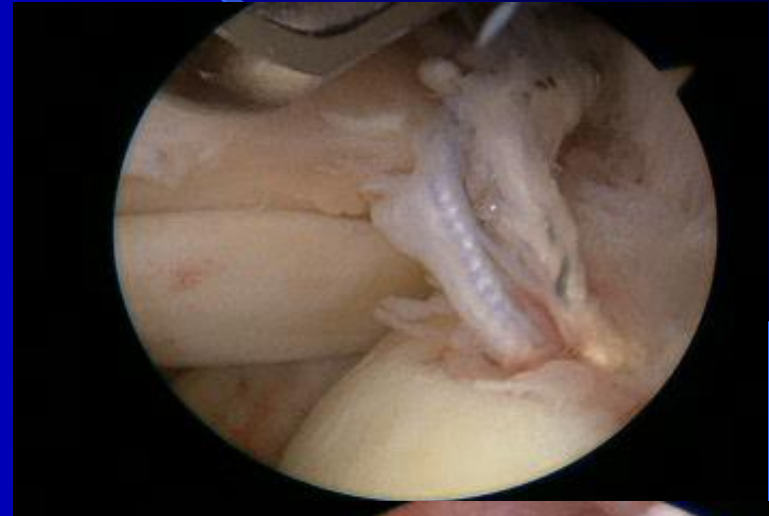


POST OP CUFF PAIN

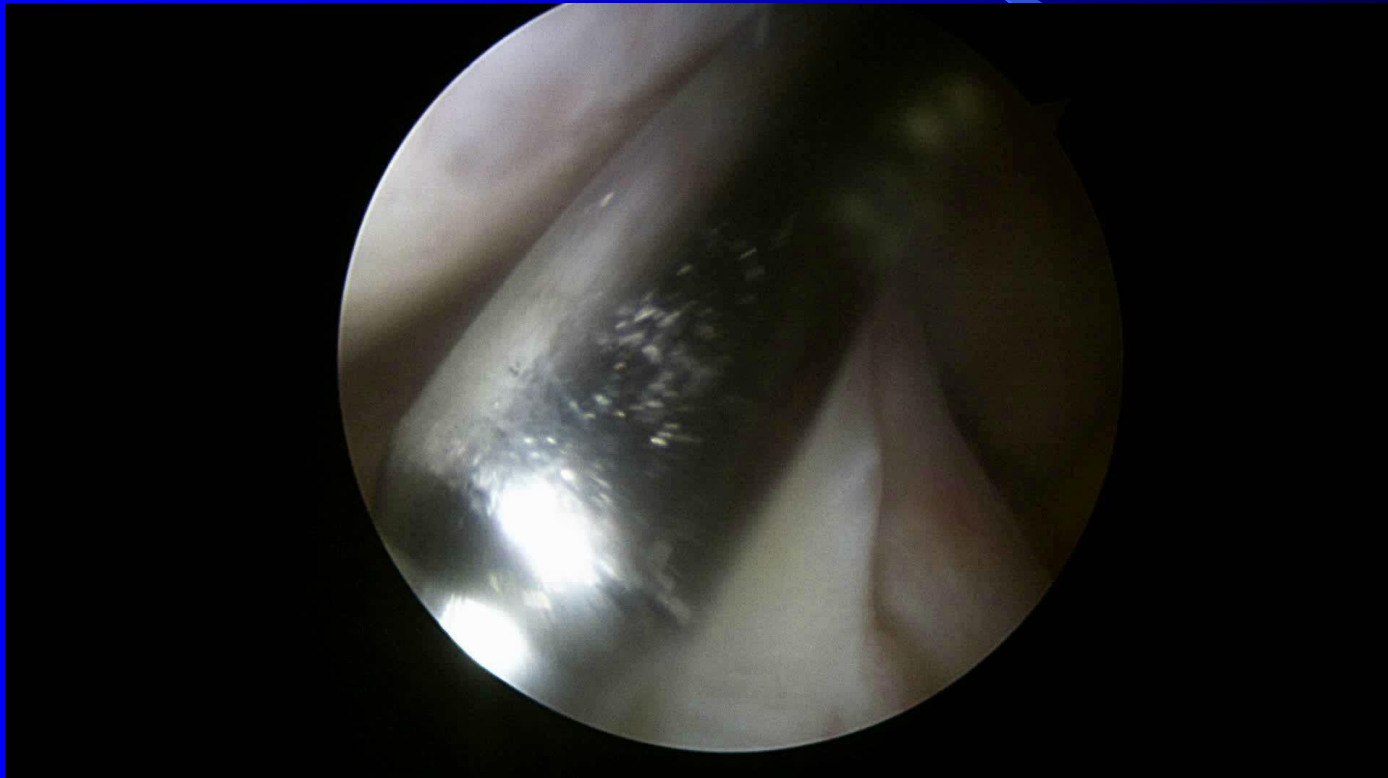


CUFF REPAIR OPTIONS

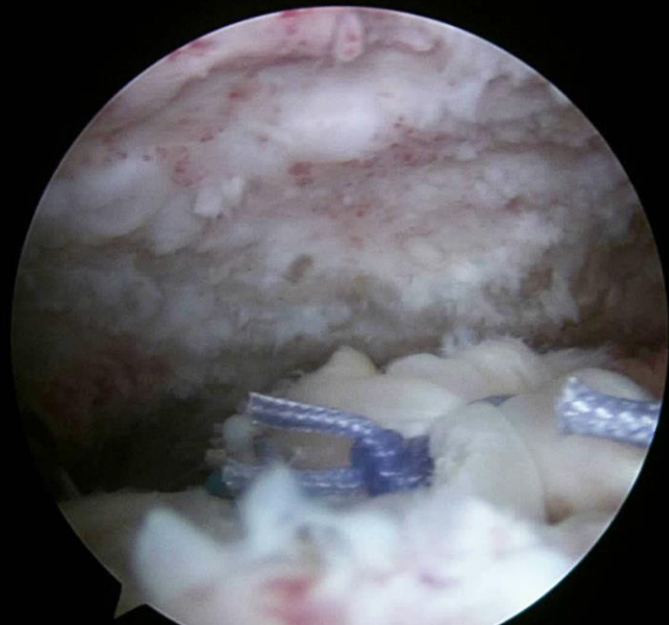
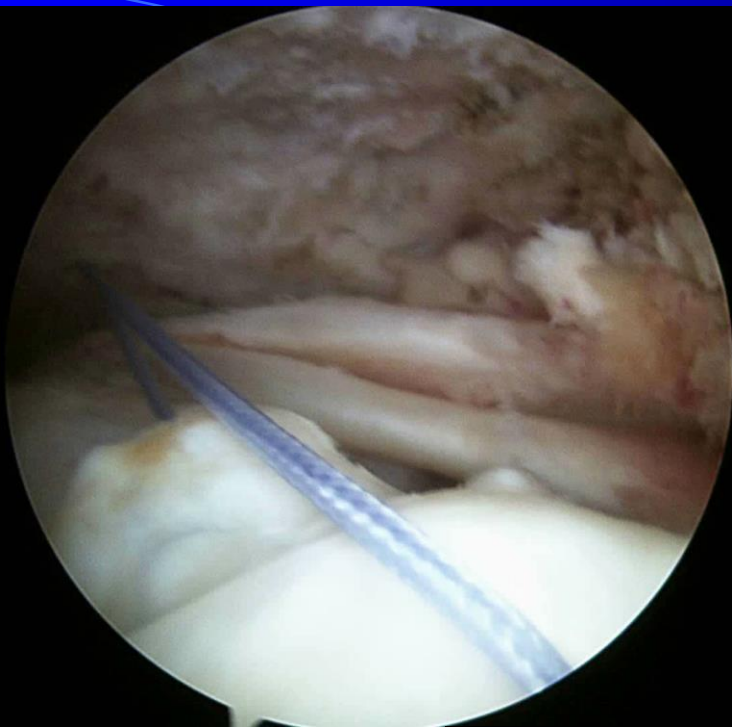
- ACCEPT PARTIAL OR “SCAR REPAIRS”
- REPAIR FULL THICKNESS RC TEARS
- ALTER ANCHORS
- USE THE BICEPS
- BALANCED PARTIAL REPAIR
- ? SCR
- ? REVERSE TSR



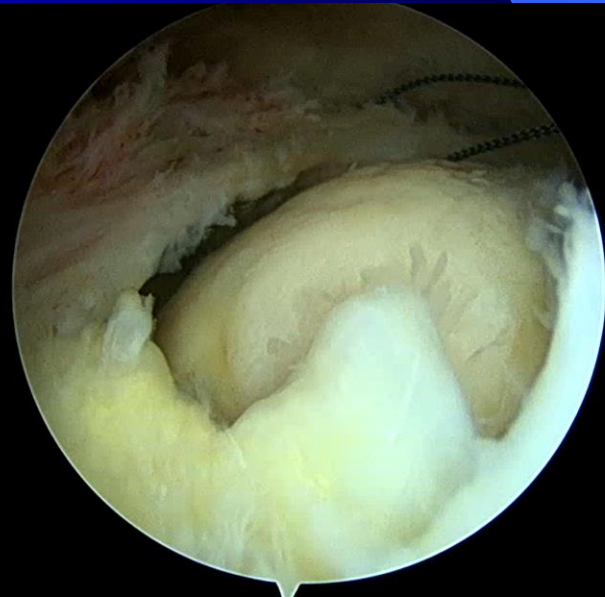
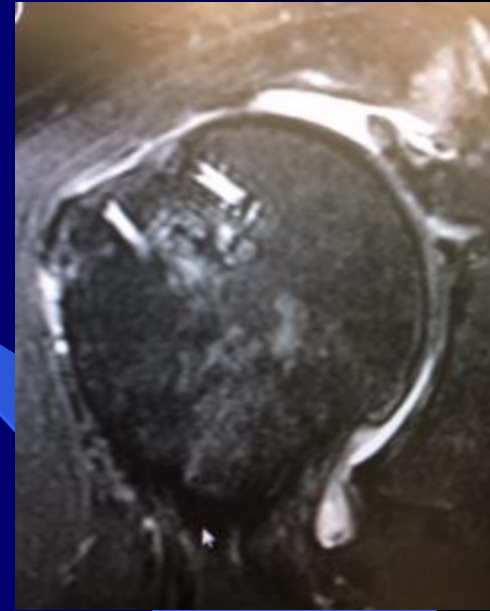
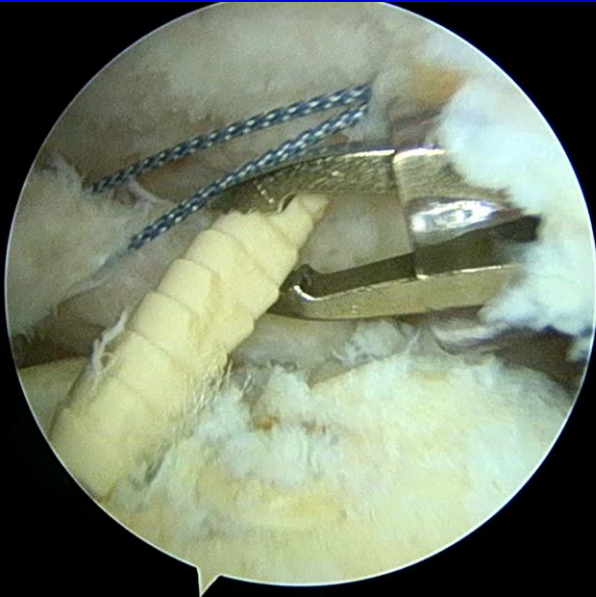
REVISION CHALLENGE

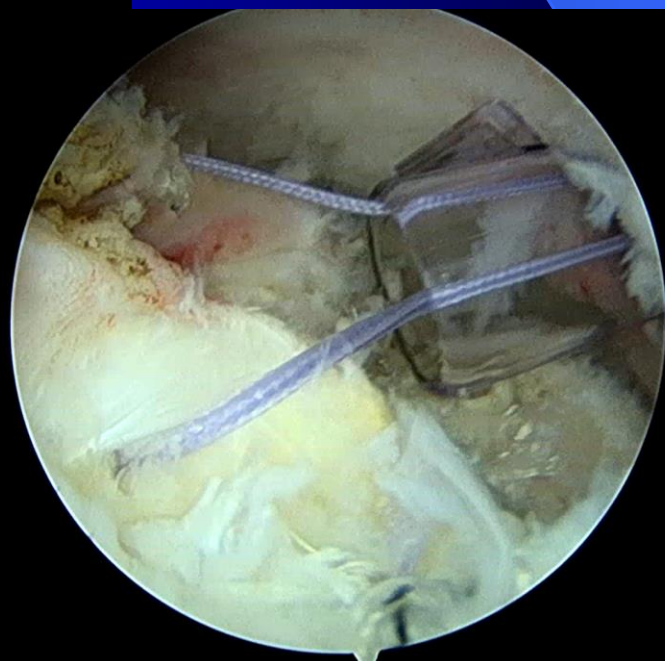
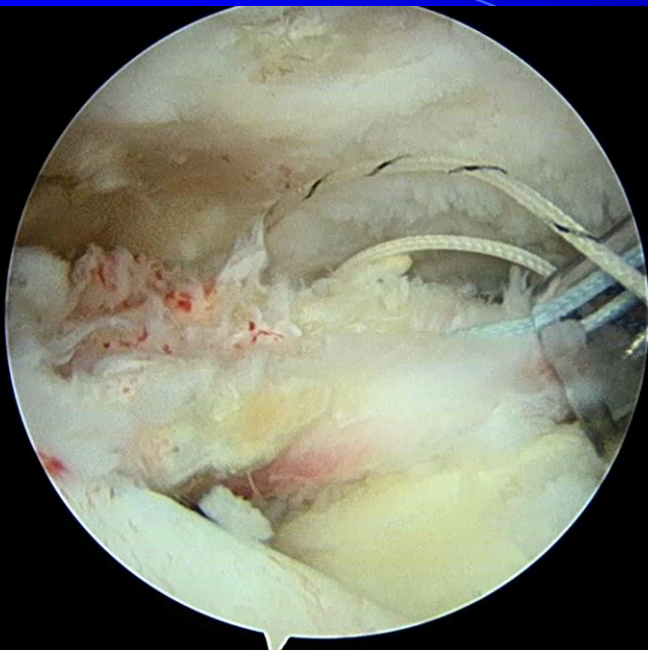




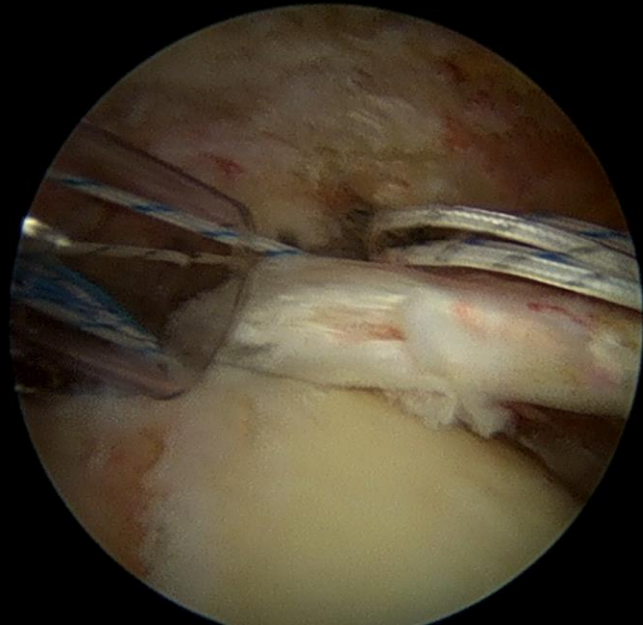
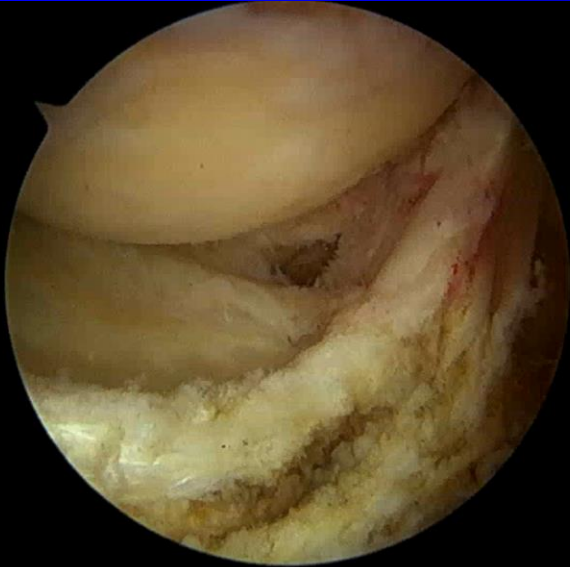


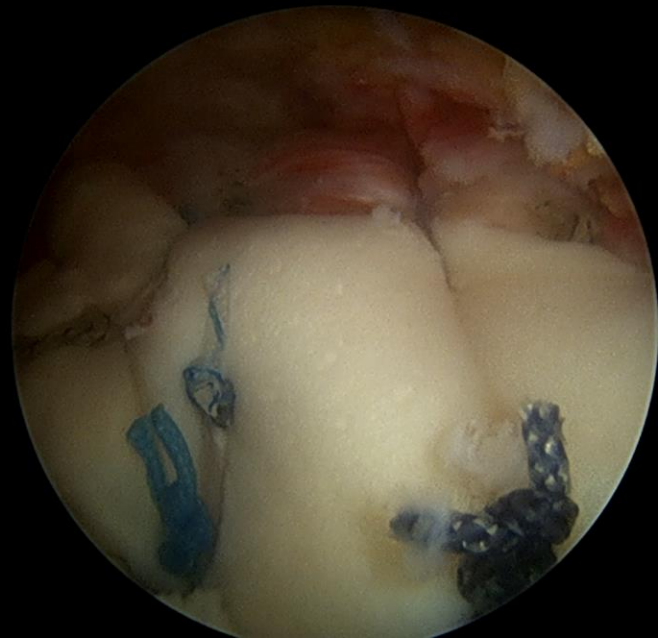
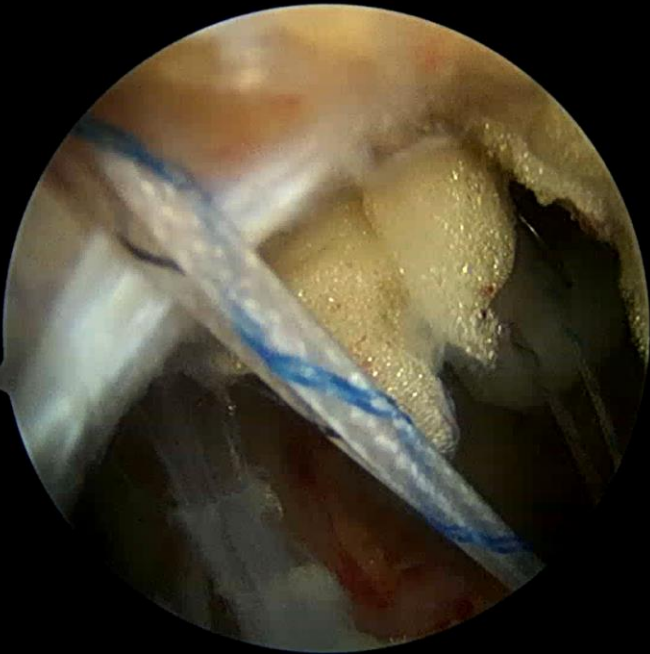
PARTIAL REPAIR





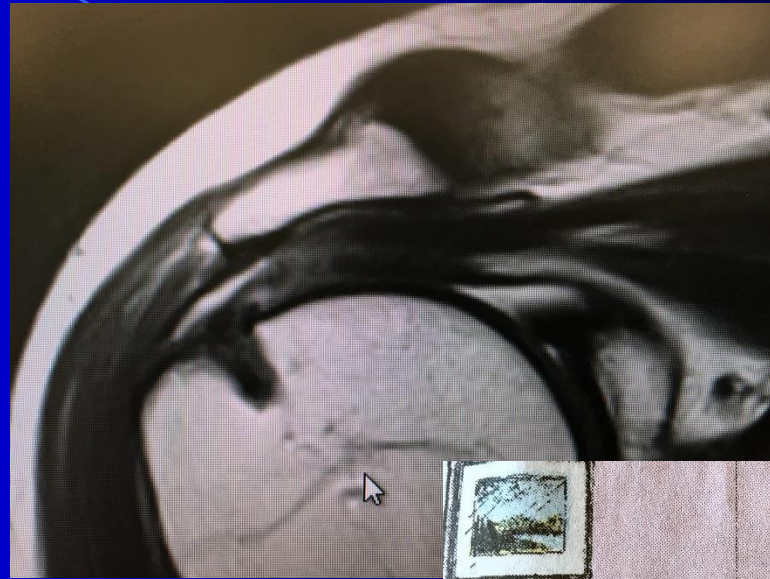
SCR





REVISION POINTS

- **AVOID TREATING THE MRI REPORT!!!**
- **FOCUS ON THE PATIENT'S SPECIFIC FINDINGS**
- **TENSION IS THE ENEMY**
- **SOFT TISSUE CARE IS VITAL**
- **PRESERVE THE DELTOID**
- **ENHANCEMENT OF BIOLOGIC HEALING IS THE KEY**
- **STAY POSITIVE**



THANK-YOU

