

# RECURRENT POSTERIOR SUBLUXATION (B)

posterior subluxation in  
adduction



“insufficiency“ of the  
antero - superior  
capsule



# RECURRENT POSTERIOR SUBLUXATION



# SELECTIVE HYPERMOBILITY: POST. INSTAB.



# SELECETIVE HYPERMOBILITY: POST. INSTAB.



increased amplitude of i.r.  
in abduction

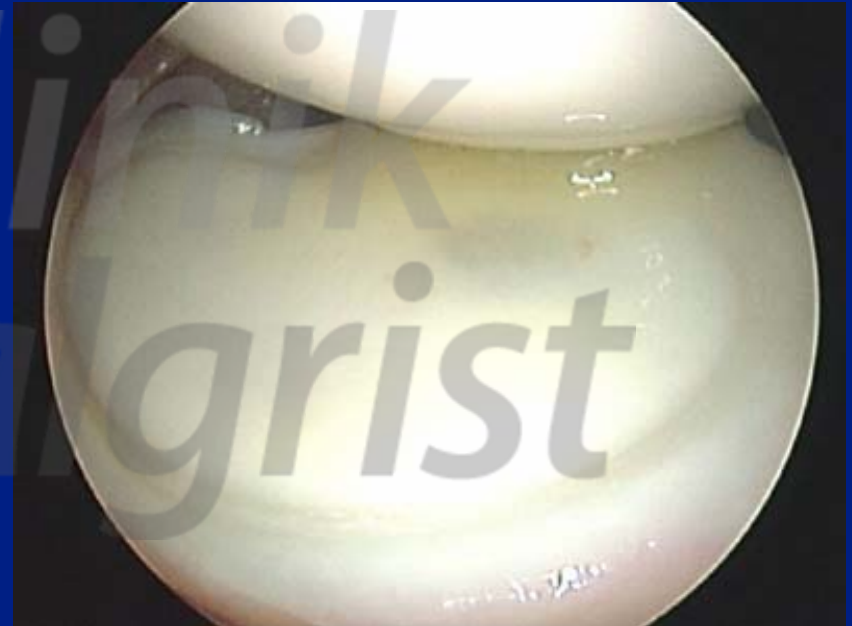


“insufficiency“ of the  
postero - inferior capsule

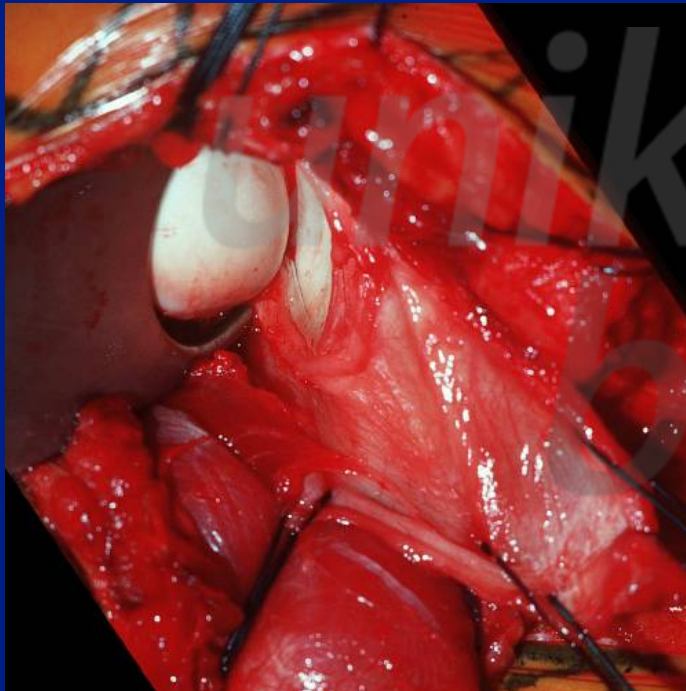
# POSTERO - INFERIOR CAPSULE



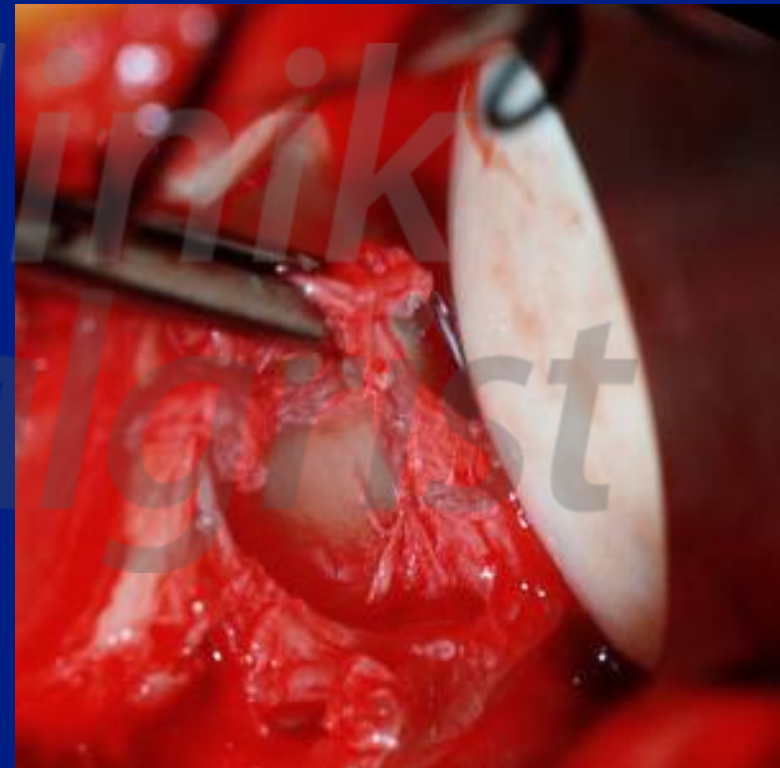
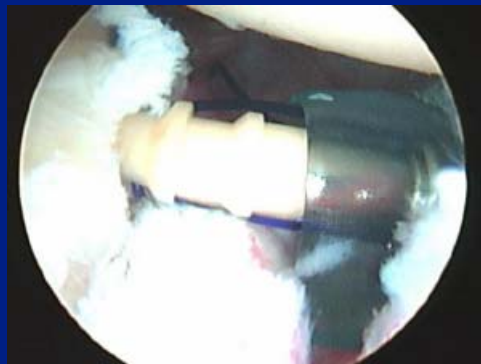
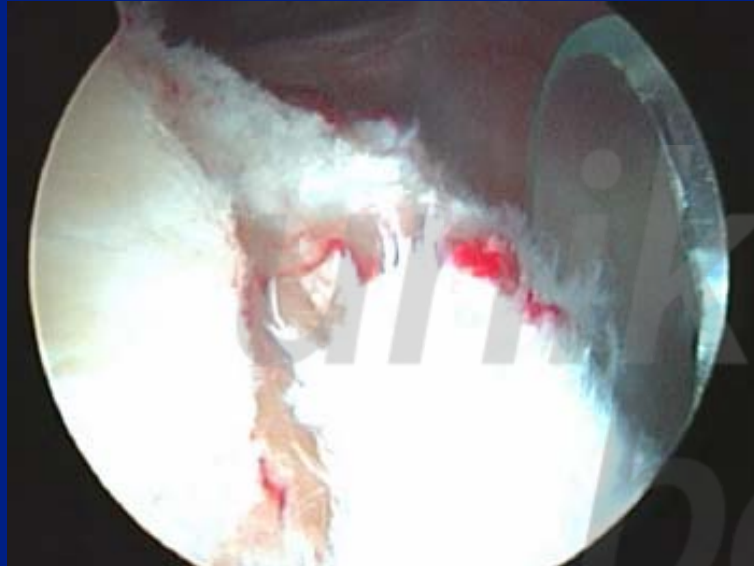
# DIAGNOSTIC ARTHROSCOPY



# LESIONS IN POSTERIOR INSTABILITY

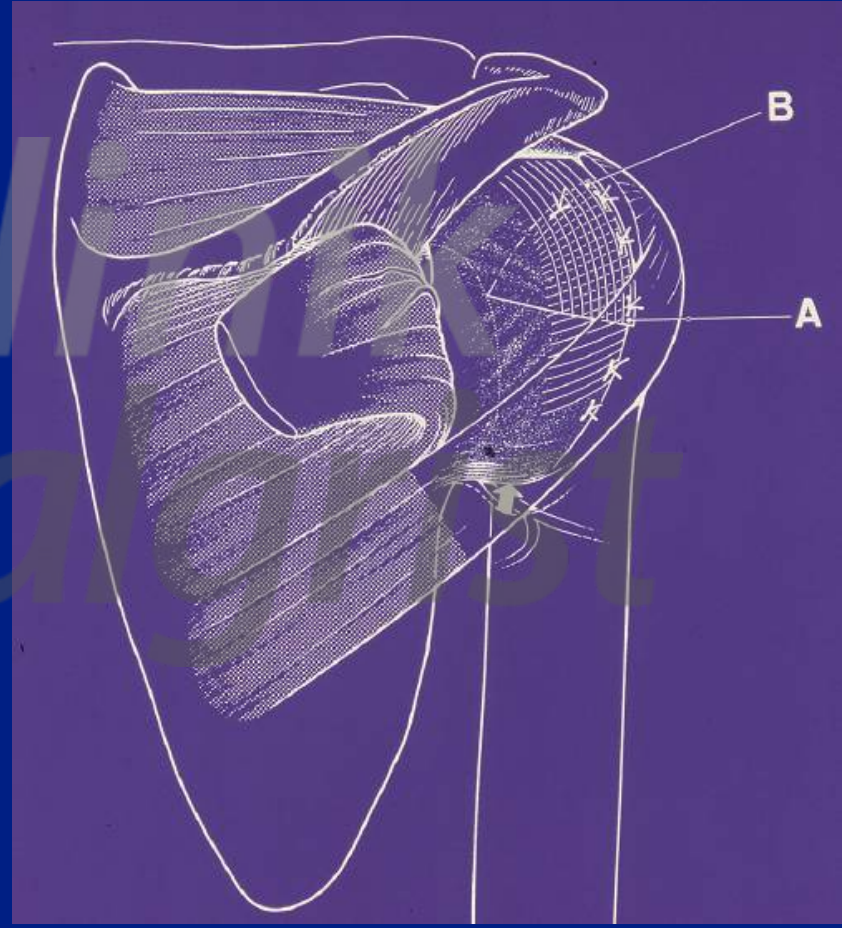
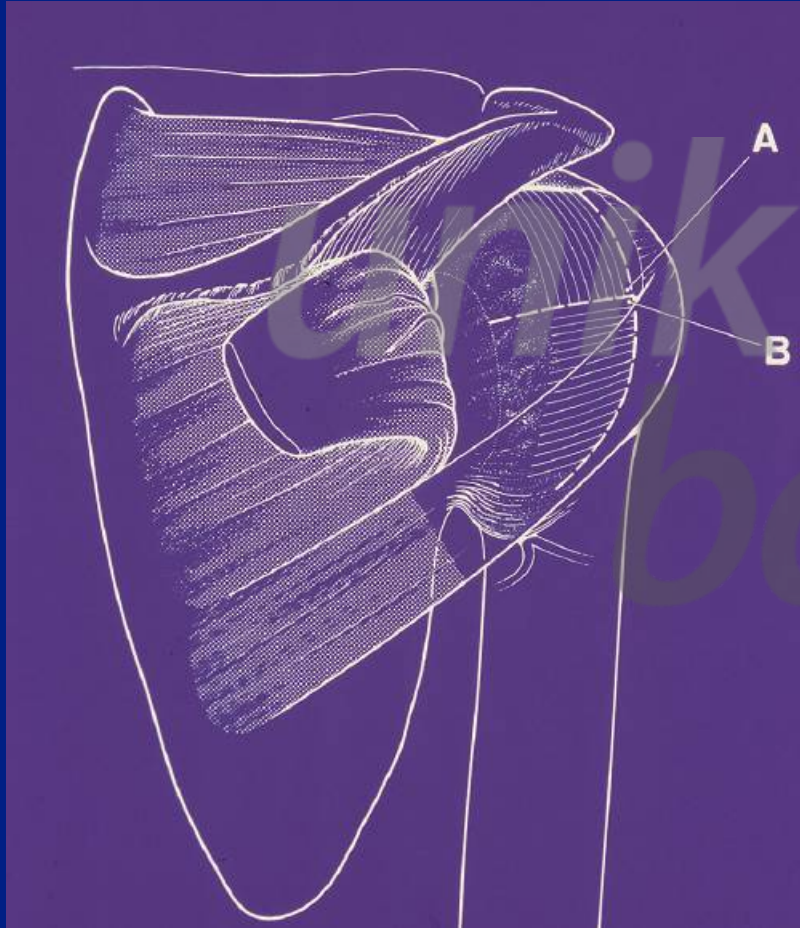


# BANKART - LABRAL LESIONS 20%





# P.I.C.S.



# PATIENTS / METHODS

n =	24 (15m;9f)
age	24 (15-33)
shoulders	26
dominant	18
primary operation	19
revisions	7
follow - up	7.6 (2-15)y clinical: Interview, physical ex. Constant Score, SST, SSV
imaging:	X-ray, CT - scan

# P.I.C.S. RESULTS

(n=26; f-up= 7.6 ys)

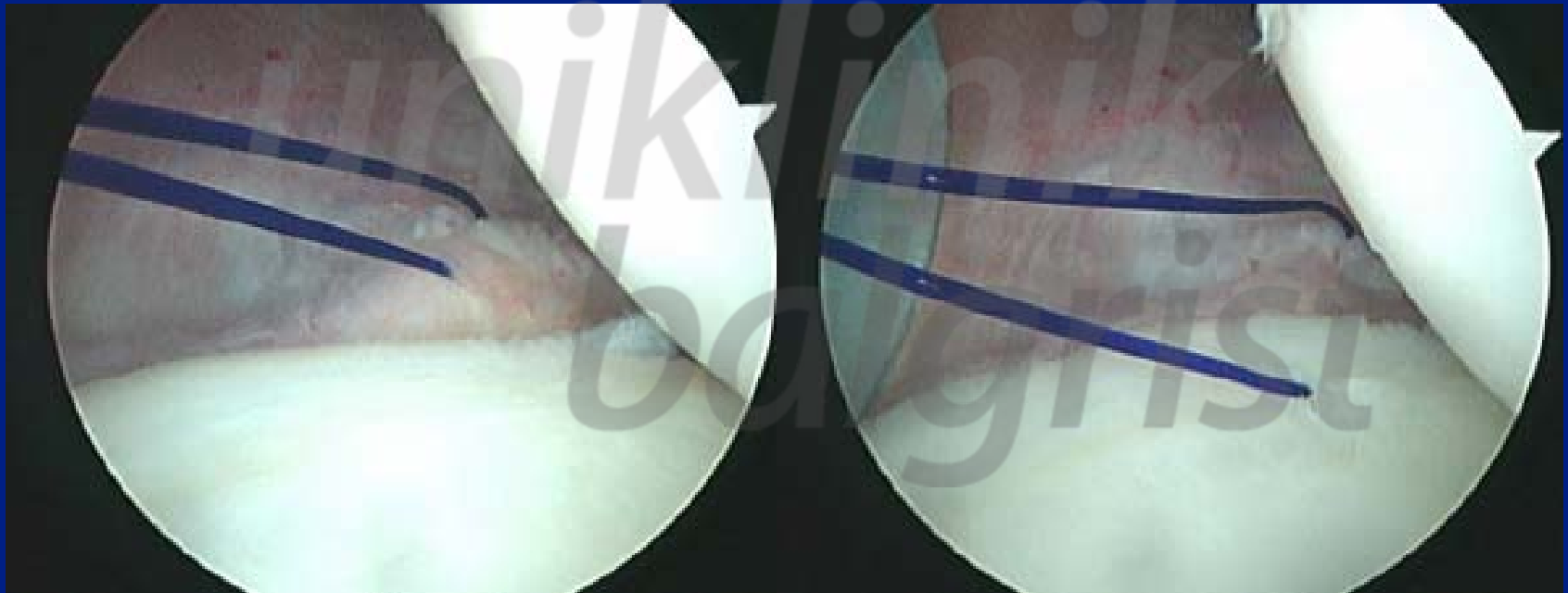
excellent	16	good
	8	
fair	2	poor
	0	
Constant Score	92%	
SSV	87% (60-100)	
fully employed	100%	lighter
duty	19%	disability pension
0%		

# P.I.C.S. (n=26; f-up= 7.6y)

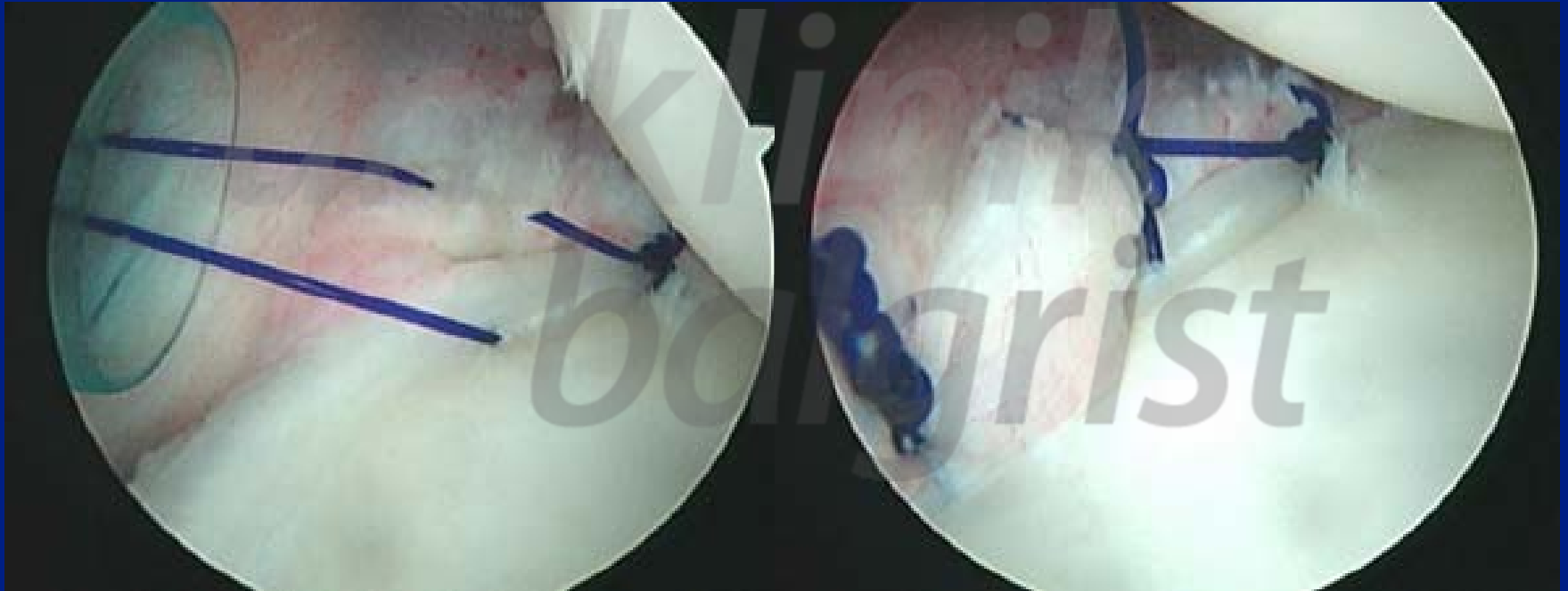
recurrence rate	23%
primary cases	16%* (3/19)
revision cases	43% (3/7)
after posterior surgery	100%
after anterior surgery	0%

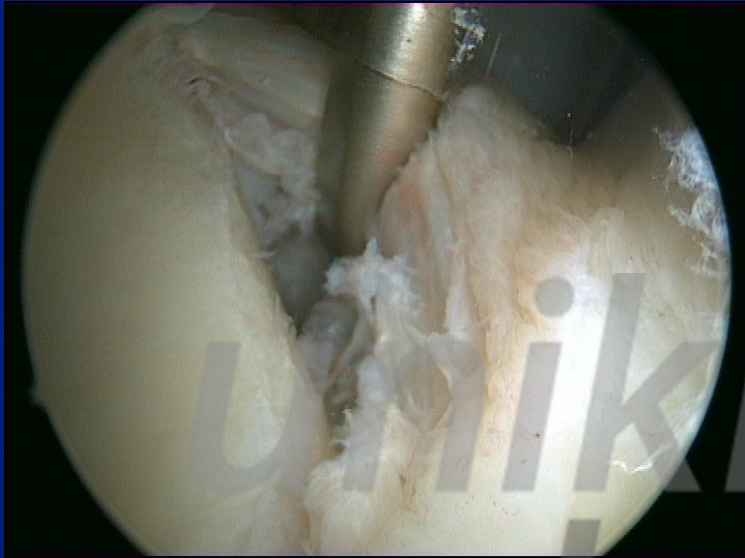
Fuchs et al, JBJS 82-A: 16, 2000

# POSTERIOR INFERIOR CAPSULAR SHIFT

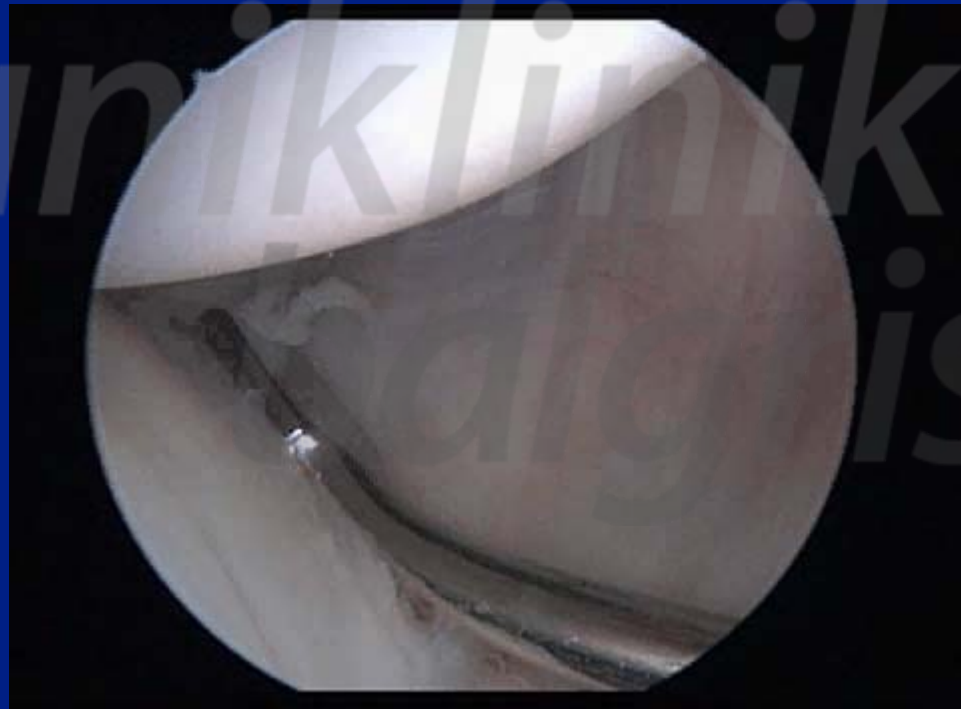


# I.C.S.





# PREPARING CAPSULE

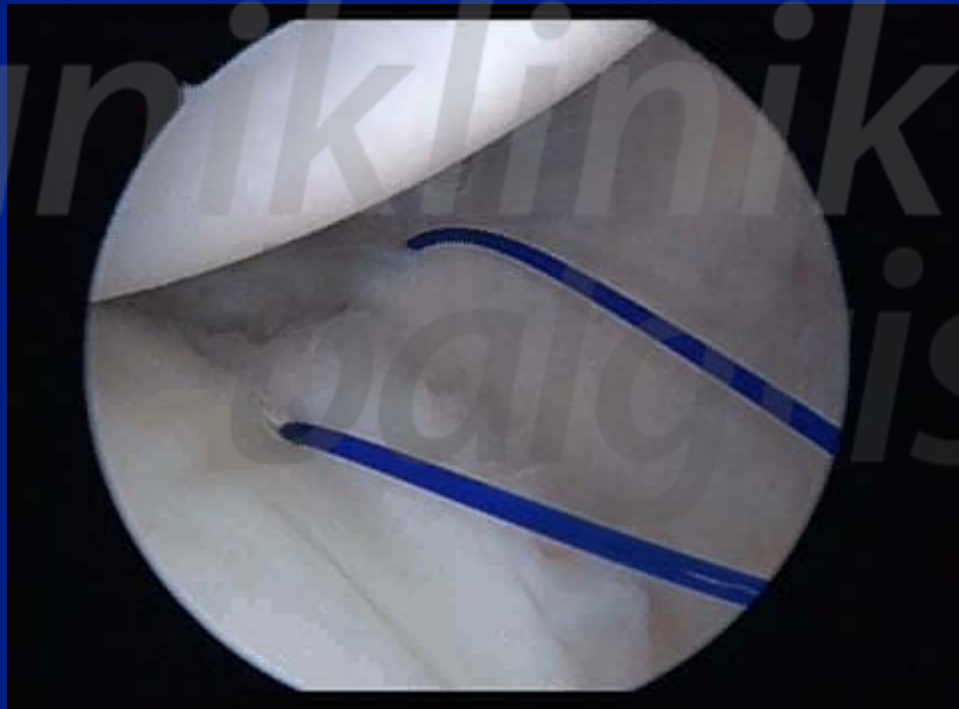




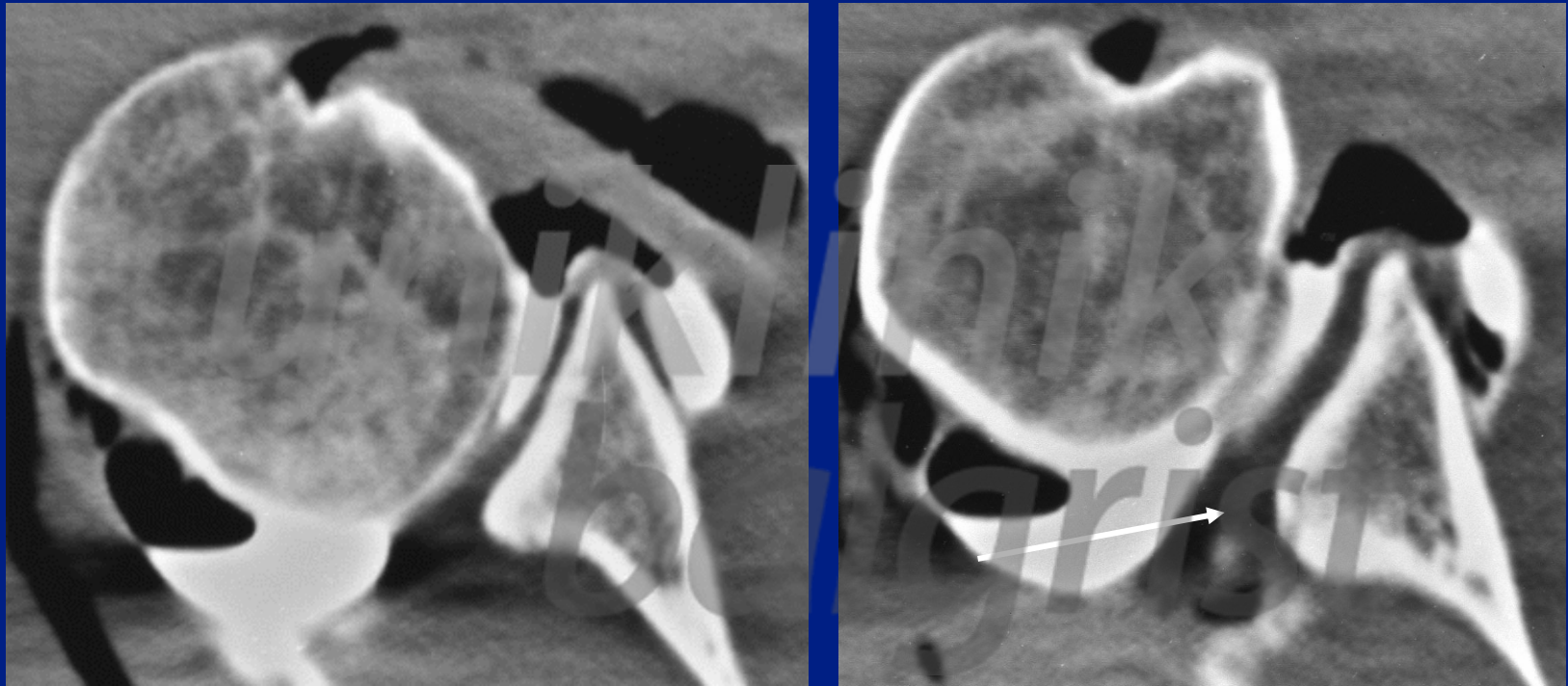
# REEFING STITCH



# PLICATION



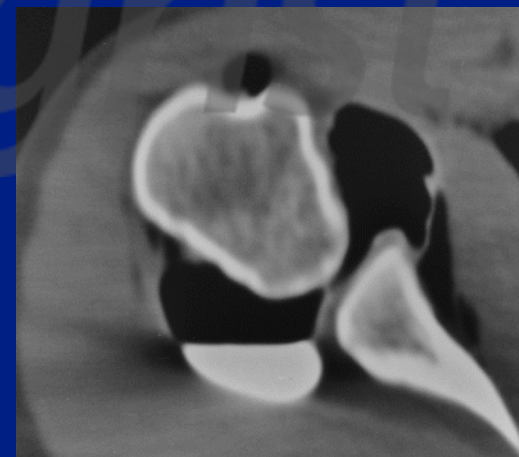
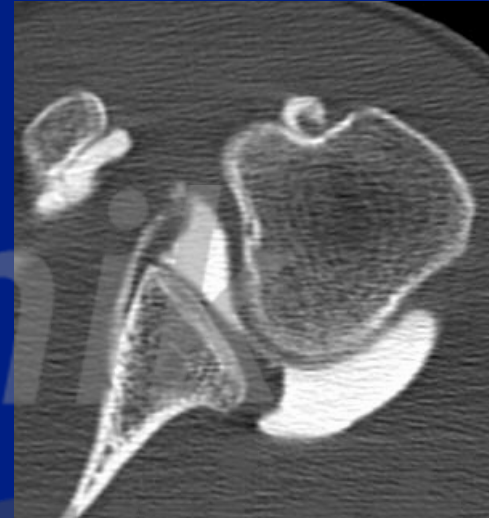
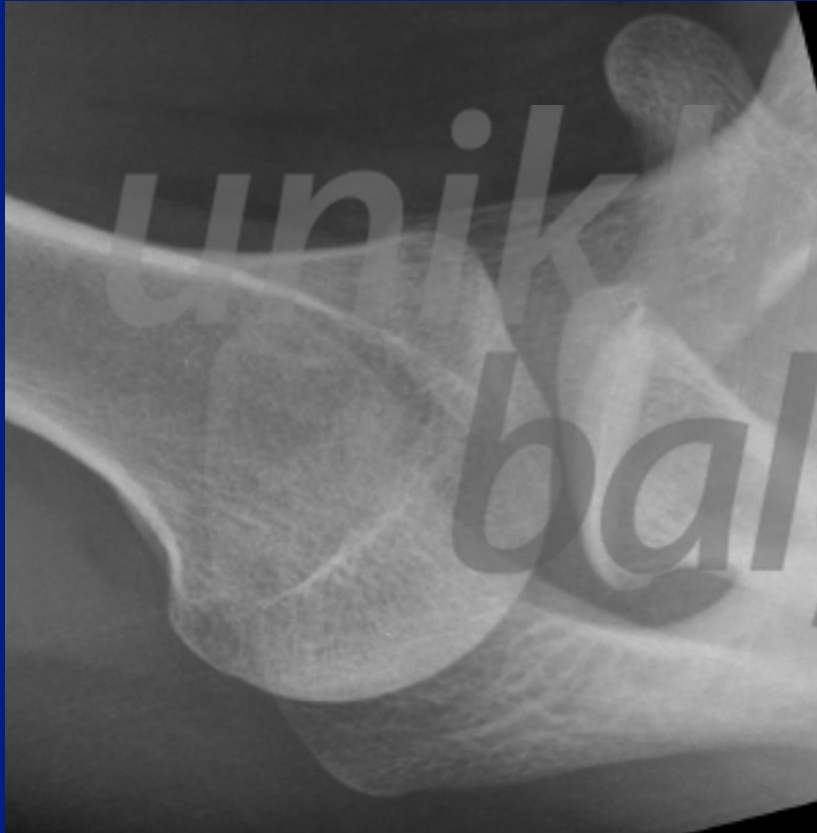
# POSTERIOR GLENOID RIM LESION



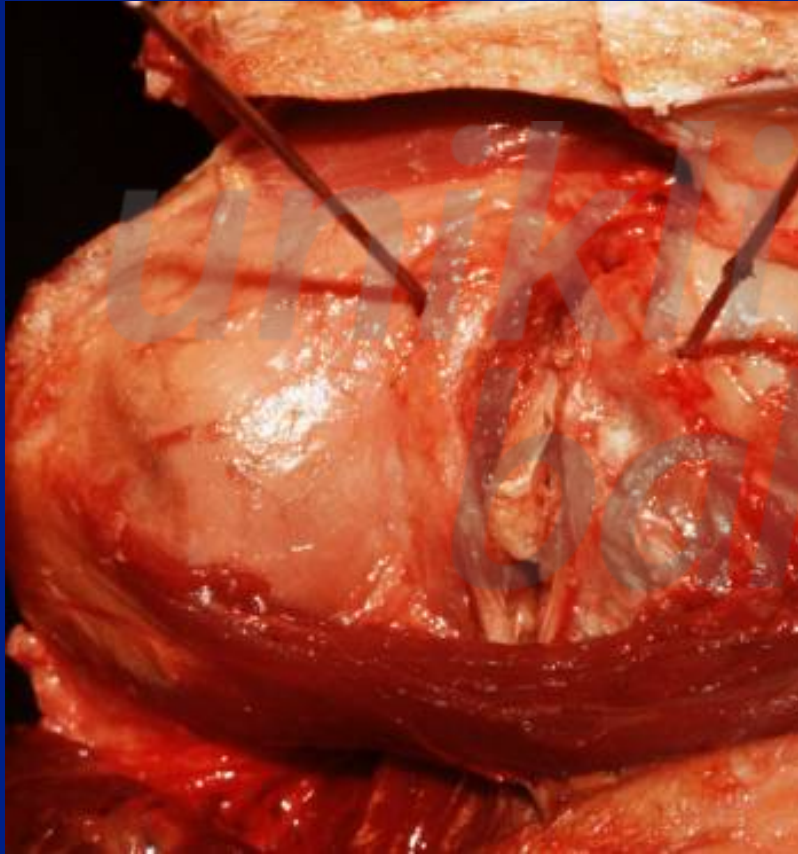
If superior - inferior extension of defect  $> 12\text{mm}$ ,  
probability of posterior instability  $> 85\%^*$

\*Weishaupt, Skeletal Radiol 29: 204, 2000

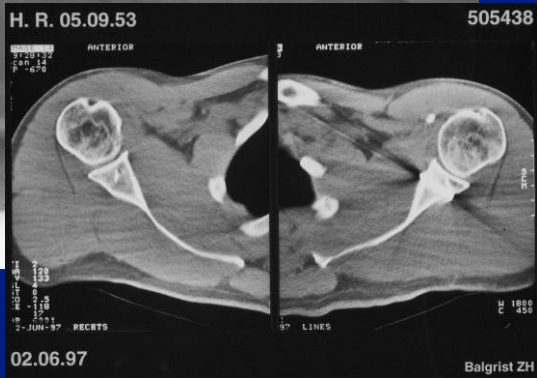
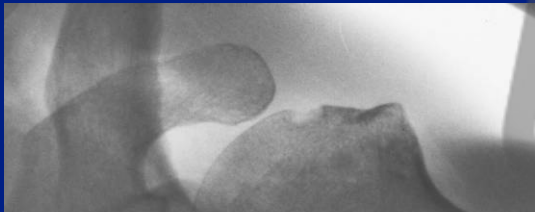
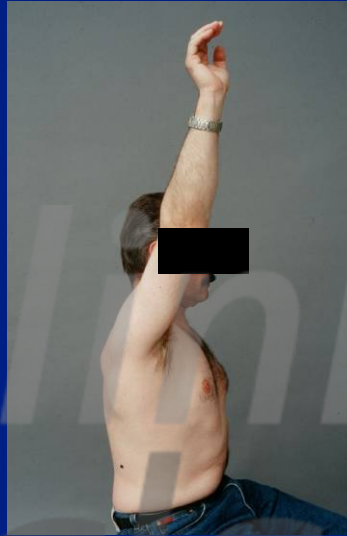
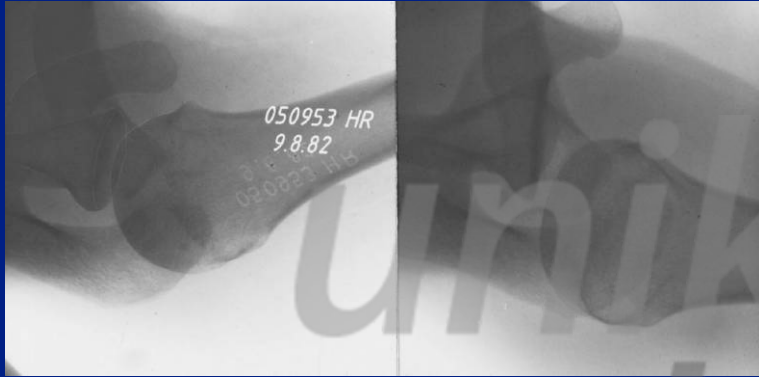
# CONVEX DYSPLASTIC GLENOID?!



# “PEMBER - SCOTT“?



uniklinik  
balgrist



# P.I.C.S. GLENOID RETROVERSION



stable shoulders

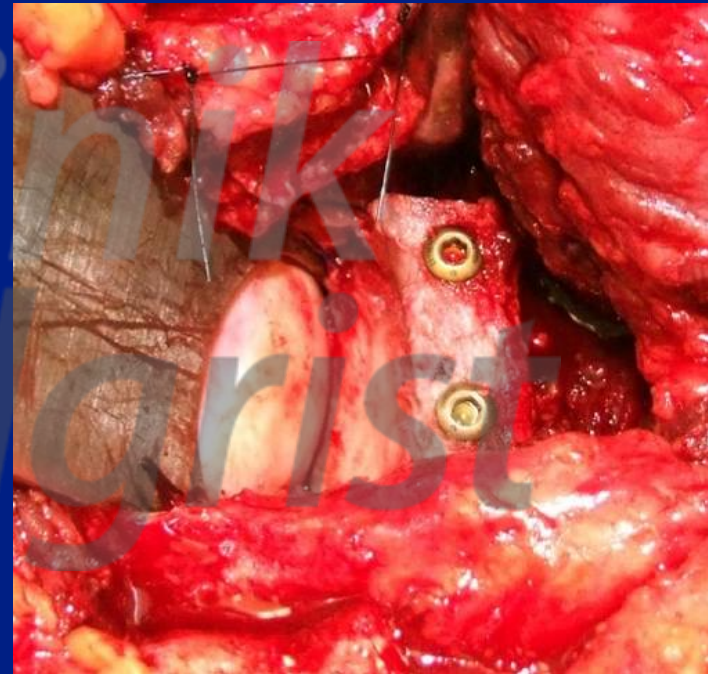
5.1°

p<0.01

unstable shoulders

12.5°

# STATIC POSTERIOR WITH DYNAMIC POSTERIOR SUBLUXATION





# RESULT



# SUMMARY

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Capsular distension alone: PICS

Bony deficiency: Bony correction

Diagnosis?