Arthroscopic Latarjet Procedure
What Are You Waiting For?

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Disclosure : Smith & Nephew
Latarjet Procedure
Purpose

To report the technique and the results of a guided surgical approach and a novel fixation method for @Latarjet
@ Latarjet
Guided Technique
Five Anterior @ Portals
Arthroscopic Latarjet-Bankart

Step 1 = Glenoid Preparation
Step 2 = Coracoid Preparation
Step 4 = Subscapularis Spliting
Step 5 = Coracoid Transfer & Fixation
Step 6 = Bankart Repair
Step 1 (Glenoid Preparation)

5 o’clock
Flush

Glenoid Guide
Step 2 (Coracoid Preparation)

Motorized Rasp
Motorized Saw

Coracoid Guide
Window through Subscapularis

Post spreader

Ant spreader

Two Mechanical Spreaders
Step 4 (Coracoid Transfer & Fixation)

Accurate Positioning

Double-Button Fixation
Step 5 (Bankart Repair)

Coracoid Transfer

Extra-articular Bone Block position +++

Bankart Repair
Double-Button Fixation

Bristow

Latarjet
Guided Surgical Technique for @Latarjet
Prospective study

78 Arthroscopic Latarjet Procedure with Double-Button fixation

37 M / 10 F, Average age: 26 y (15-48)
Recurrent anterior shoulder instability
Glenoid bone defect
Mean ISIS = 5.5
CT-scan at 2 weeks & 6 months
Mean FU= 8 months (12-24)
Bone Block Positioning (n=41)

Horizontal plane

- Flush: 39 (95%)
- Too lateral: 2 (5%)
- Too medial: 0
Bone Block Positioning (n=41)

Vertical plane

Subequatorial: 38 (93%)
Equatorial: 2 (5%)
Susequatorial: 1 (2%)
Bone block Healing (n=41)

CT-scan at 6 months

- **Bone healing**: 38 (93%)
- **Fibrous union**: 2 (5%)
- **Lysis**: 1 (3%)
Complication (n=1)

- Fracture: 1
- Migration: 0
- Suture breakage: 0
Why you should NOT wait to start to perform the @ Latarjet procedure?...
Reason #1: @ Guided Technique

No possible misplacement of the bone block!
Advantage of the @ Guided Technique

Accurate & Perfect positioning of the bone block!
**Reason #2 : Double-Button Fixation**

NO complications related to use of screws
Coracoid Fixation

Double-Button

Screws
Reason # 3: Constant Bone Healing

CT-Scan

Preop  6th month po
New Specific Cortical-Button
Reason # 4: Perfect Visualisation

Neurovascular structures are NOT at risk!

“Everything is under Control”
Reason # 5: Patients are Happy!

Postop mobility – Return to sports

✓ No recurrence
✓ No revision
Conclusion

- A guided surgical approach improves accuracy of bone block positioning

- **Cortical-button = alternative to screw fixation**, allowing to obtain bone block healing and avoiding complications
Hope I have convinced you to go for it!
Remember!

Never ever give up!
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