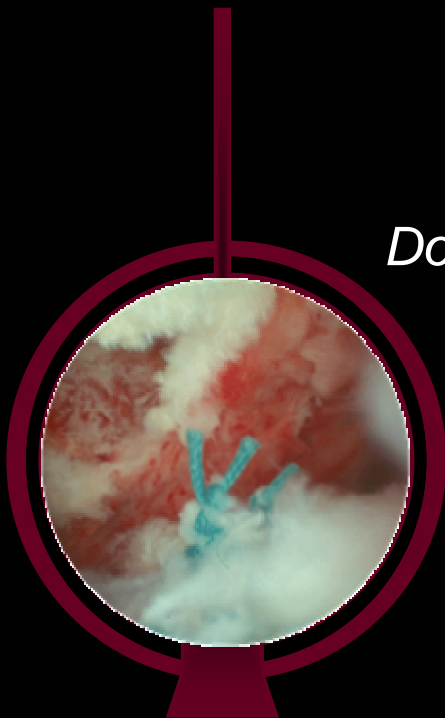


ARGENTINA  
A2004



ARGENTINA  
A2004

*Double-loop technique  
and anchors in  
shoulder surgery*



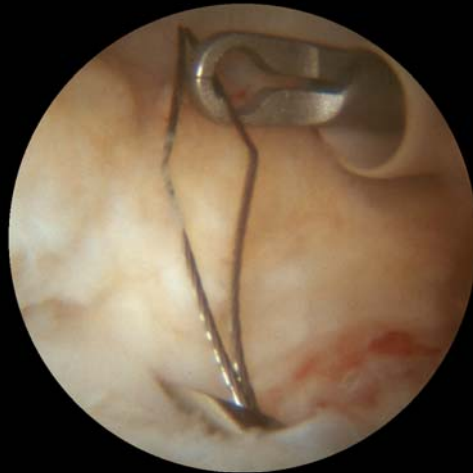
*Paulo Roberto Pires Rockett  
Porto Alegre - Brazil*



## *Double-loop technique*

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- Idealized for suture in the posterior horn of the meniscus (all inside)



## *Double-loop technique*

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- Idealized for suture in the posterior horn of the meniscus (all inside)



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### **Arthroscopic meniscal suture with the "double-loop technique"**

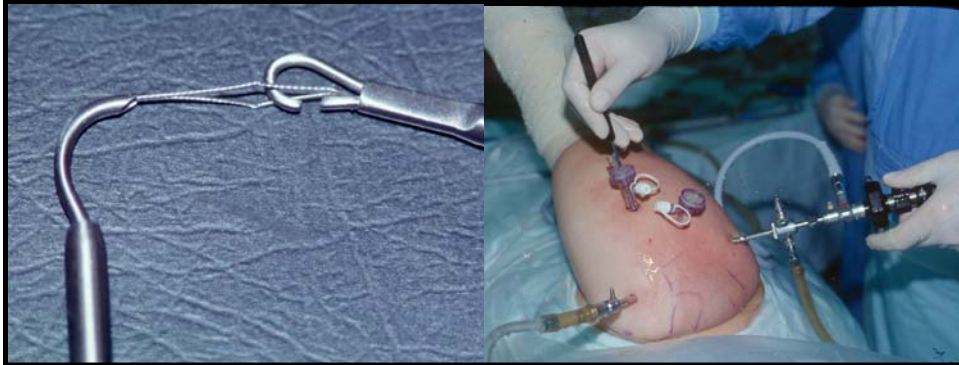
Jaime Wageck

Paulo Rockett

## *Double-loop technique*

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- It facilitates the suture techniques in the surgery of the shoulder

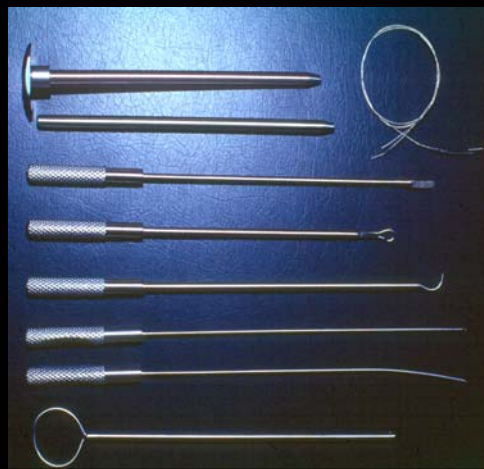


## *Double-loop technique*

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### *instrumental*

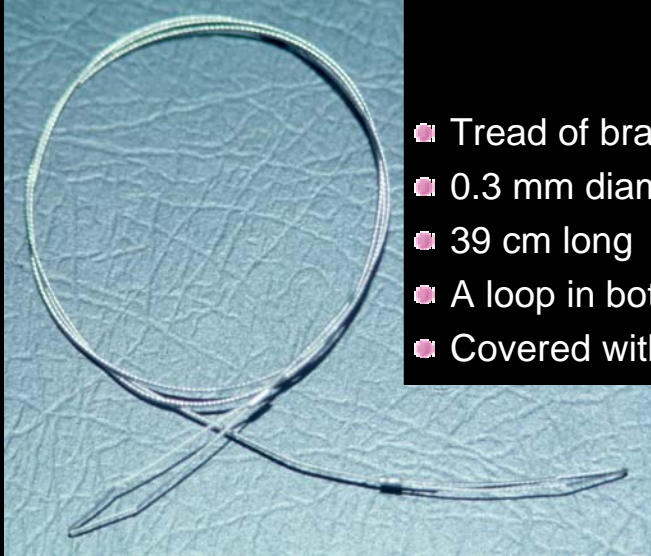
- Flexible double-loop
- Rasp
- Hook for thread capture
- 90° hook needle
- Straight needle
- Curved needle
- Knot pusher



## *Double-loop technique*

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### *technical characteristics*



- Tread of braided steel (1x7)
- 0.3 mm diameter
- 39 cm long
- A loop in both extremities
- Covered with a nylon film

## *Double-loop technique*

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### *indications*

- Glenohumeral instability
  - Bankart lesion
  - Redundant anterior/inferior capsule



## Double-loop technique

### indications

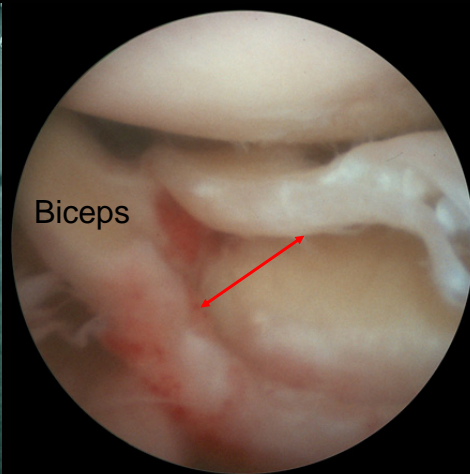
- Glenohumeral instability
  - Bankart lesion
  - Redundant anterior/inferior capsule



## Double-loop technique

### indications

- Glenoid labrum detached – slap lesion



## *Double-loop technique*

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### *indications*

- Glenoid labrum detached – slap lesion

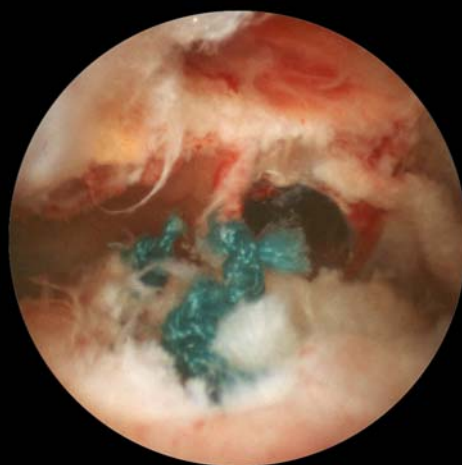


## *Double-loop technique*

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### *indications*

- Tears of the rotator cuff



## *Double-loop technique*

### *indications*

- Tears of the rotator cuff



## *Double-loop technique*

### *indications*

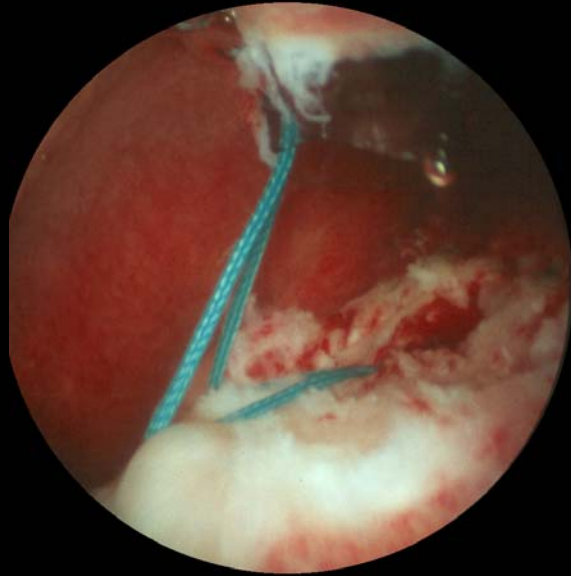
- Tears of the rotator cuff



## Double-loop technique

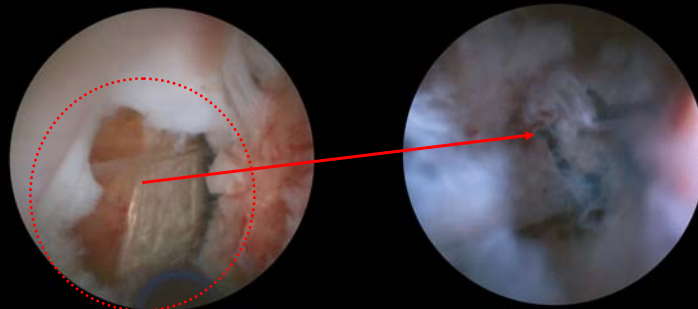
### types of stiches

- Simple
- Mattress
- Running suture



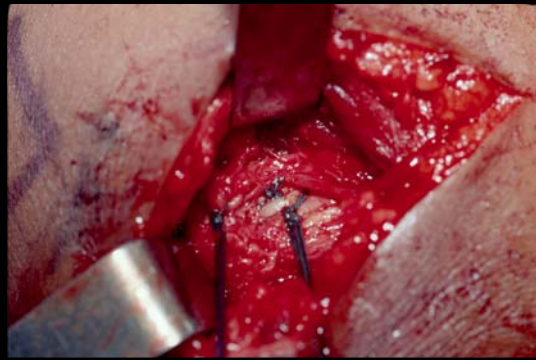
## Double-loop technique - arthroscopic

Tendon-tendon	Rotator cuff suture	14
Tendon-bone	Rotator Cuff reattach Revo screws	29
Repair of Bankart lesion Mini-Revo screws		10



## *Double-loop technique – open surgery*

Rotator cuff reattach	6
Massive tears	12



## *Double-loop technique*

*Bankart – Capsulolabral reattach-Mini-Revo*



## *Double-loop technique*

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*Rotator Cuff reattach – tendon/bone- Revo*



## *Double-loop technique*

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### *conclusions*

- It facilitated the arthroscopic sutures
- It facilitated the sutures in place of difficult access and bone tunnels in open surgeries
- It was shown useful in capsule repair/plication, glenoid labrum reattach, rotator cuff repair
- The suture thread may be chosen by the surgeon
- No risks of affecting neurovascular structures by the suture (all inside)

