

# Approche Thérapeutique du quintus varus

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France



**MIFAS**  
by Grecmip

**GRECMIP**  
Morocco

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**Cours de Base sur Specimen  
Chirurgie mini-invasive  
et percutanée du pied**  
**18 DECEMBER 2022**  
Barcelone - Espagne

[www.mifas.org](http://www.mifas.org)

Cours en français 

# Introduction

- Bone Gestures
  - ✓ *Bunionectomies M5, P1*
  - ✓ *Osteotomies M5, P1*
  
- Soft-tissues Gestures
  - ✓ *Tenotomies ext., flex.*
  - ✓ *Capsulotomies*



# Introduction



Bunionette **MIFAS**  
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Quintus varus supraductus



Quintus varus infraductus





# Introduction



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Type 1 16-33%

Type 2 < 10%

Type 3 57-74%



Coughlin, M.J. "Treatment of bunionette deformity with longitudinal diaphyseal osteotomy with distal soft tissue repair" *Foot Ankle*, 11: 195-203, 1991





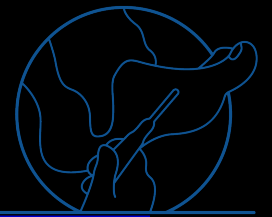
# Introduction



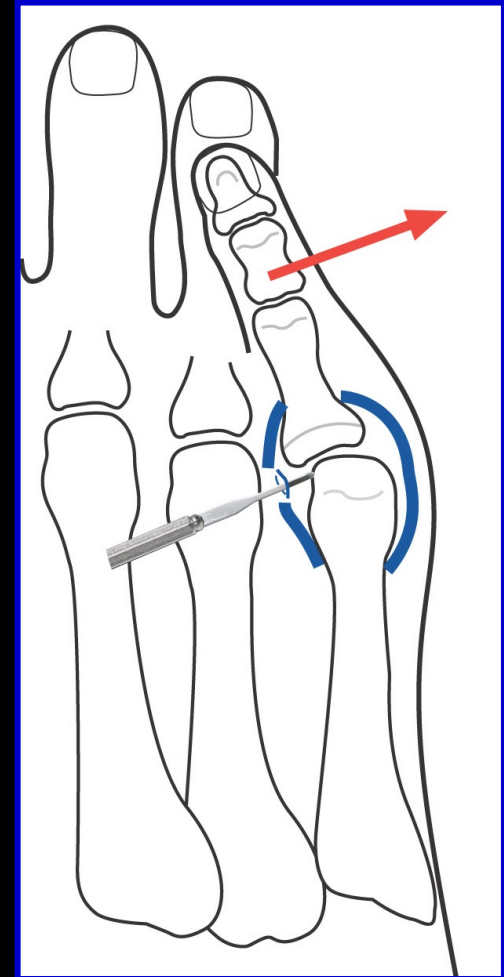
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# Capsulotomy



AS  
cmip





# M5 osteotomy



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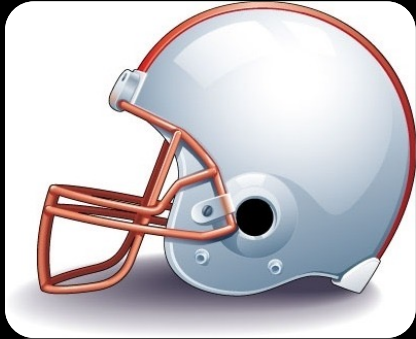
- FUNDAMENTAL gesture
- Precise level in relation with type of deformity
  - ✓ Neck
  - ✓ Distal 1/3
  - ✓ Proximal
  - ✓ Double
- Complete or preserving the lateral cortex





# Type 1

16-33%



# Surgical Treatment

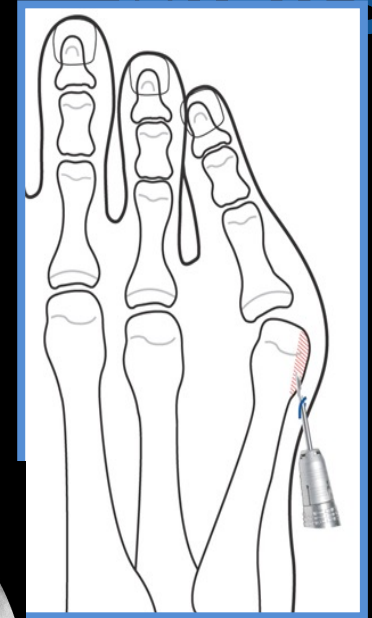
# Bone gestures



MIEAS



✓ M5 Bunionectomy

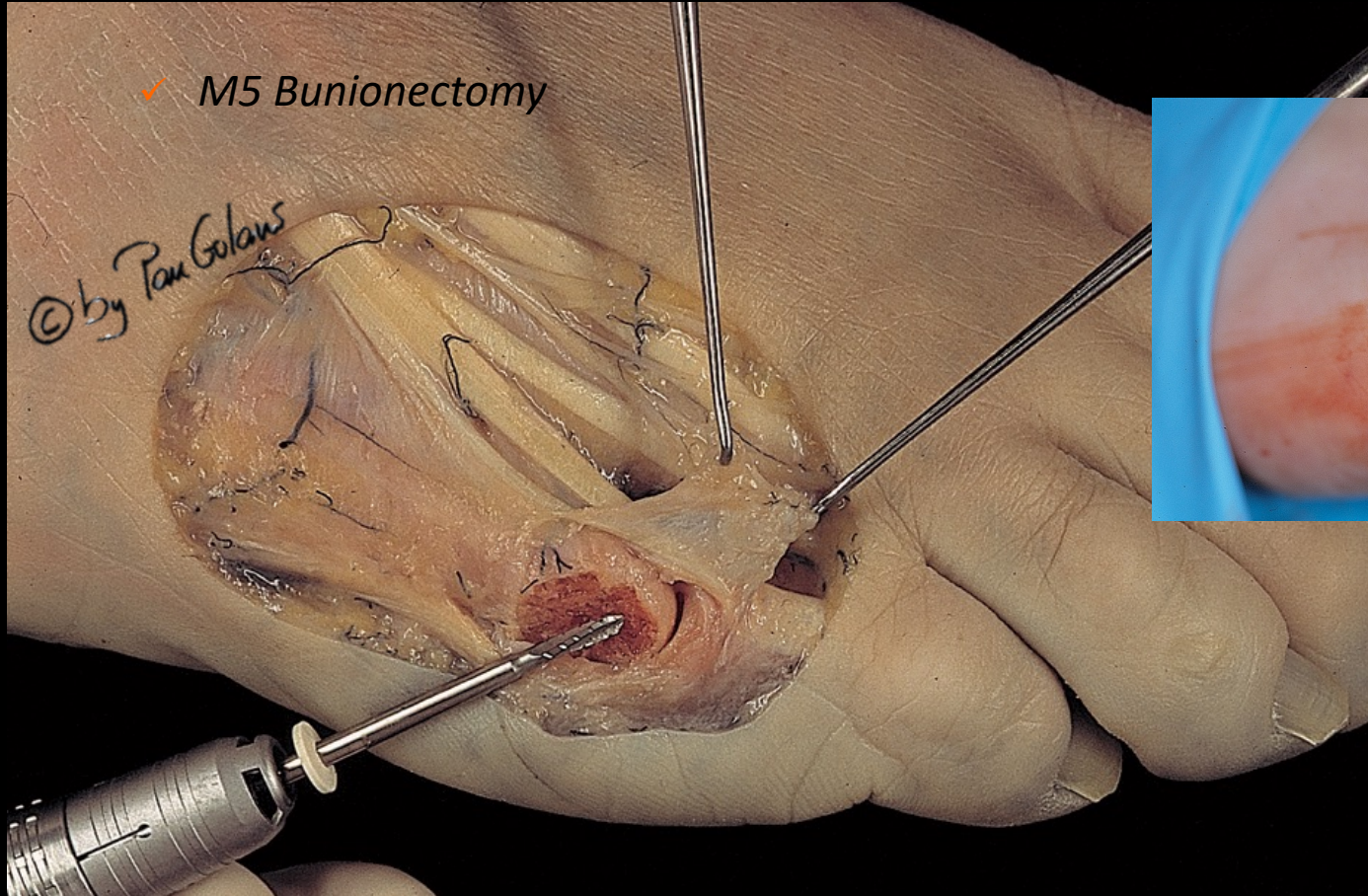


Hymes, L. *Forefoot minimal incision surgery in podiatric medicine*. Futura Publishing Company, New York, 1977



# Surgical Treatment

## Bone gestures



Hymes, L. *Forefoot minimal incision surgery in podiatric medicine*. Futura Publishing Company, New York, 1977

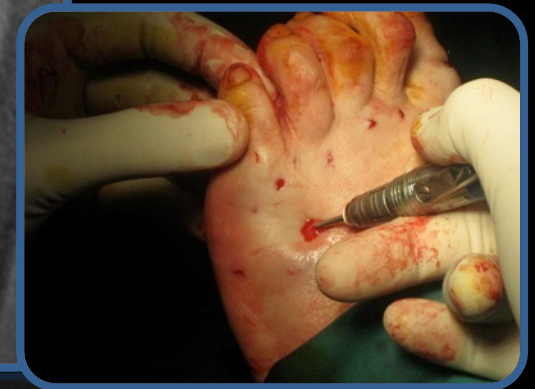
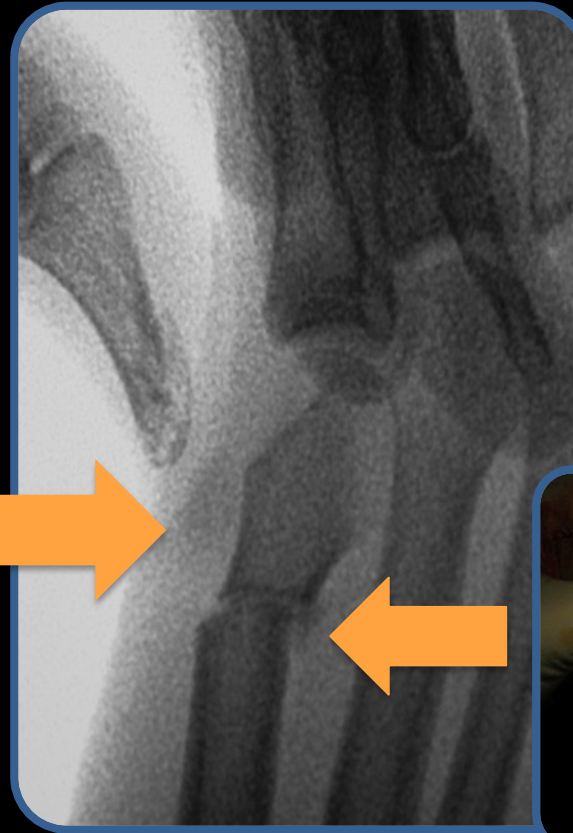


# Surgical Treatment

## *Bone gestures*



✓ *M5 osteotomy*



*White, D.L. Minimal incision approach to osteotomies of the lesser metatarsal: For treatment for intractable keratosis, metatarsalgia, and Taylor's bunion. Clin Podiatr Med Surg, 8: 25-40, 1991*

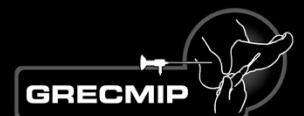
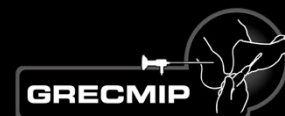
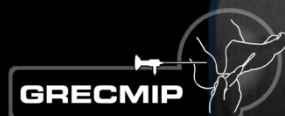
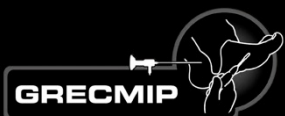
# Type 2

< 10%



Au sommet de la courbure

En préservant la charnière



# Surgical Treatment

## *Bone gestures*



- FUNDAMENTAL gesture
- Precise level in relation with type of deformity
  - ✓ Neck
  - ✓ Distal 1/3
  - ✓ Proximal
  - ✓ Double
- Complete or preserving the lateral cortex



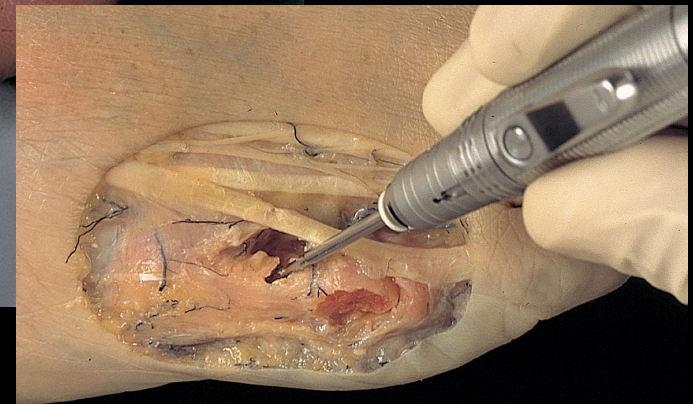


# Surgical Treatment

## *Bone gestures*



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by *Arreomib*



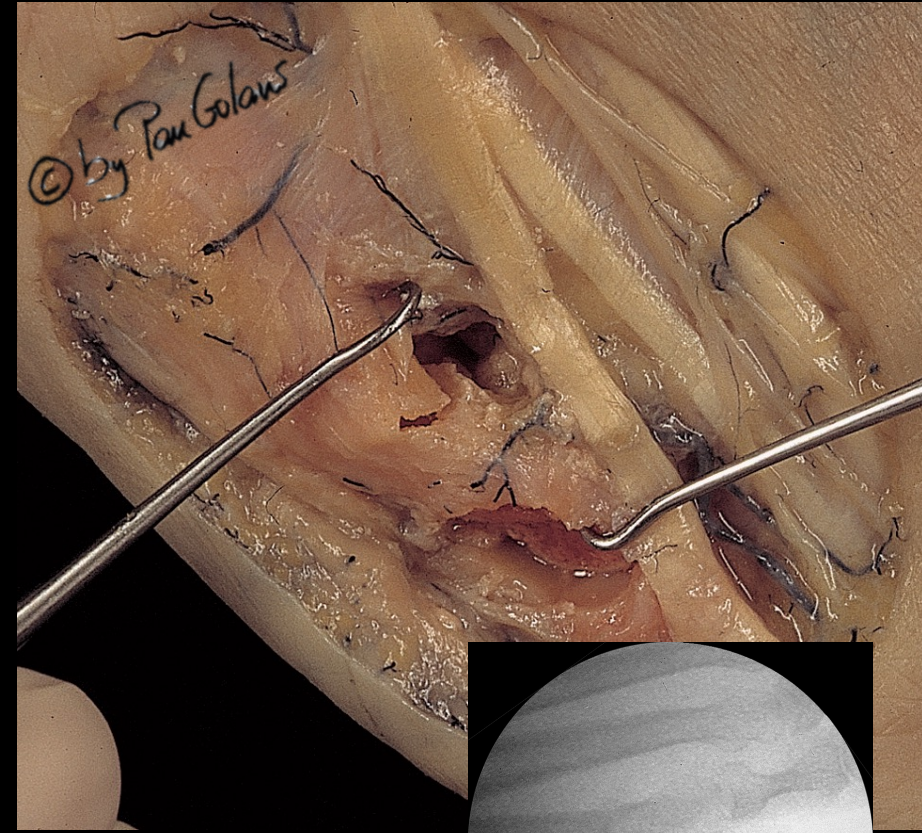
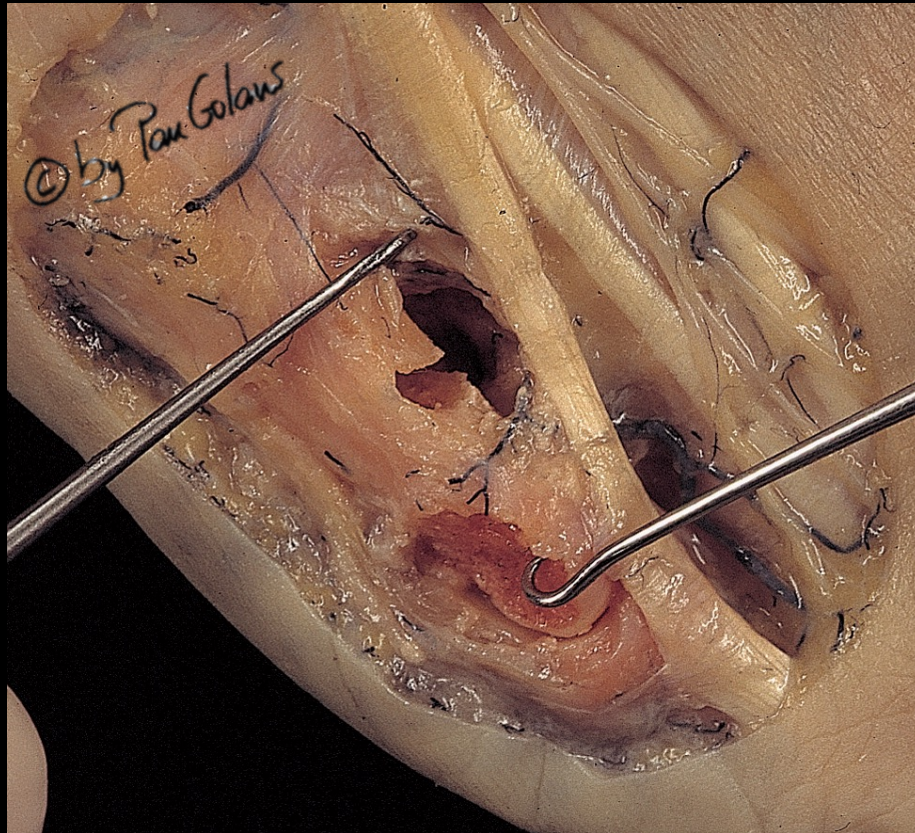


# Surgical Treatment

## Bone gestures



✓ M5 osteotomy



De Prado, M.; Ripoll, P.L.; Golanó, P. *Cirugía percutánea del Pie*. Masson, Barcelona, 2003

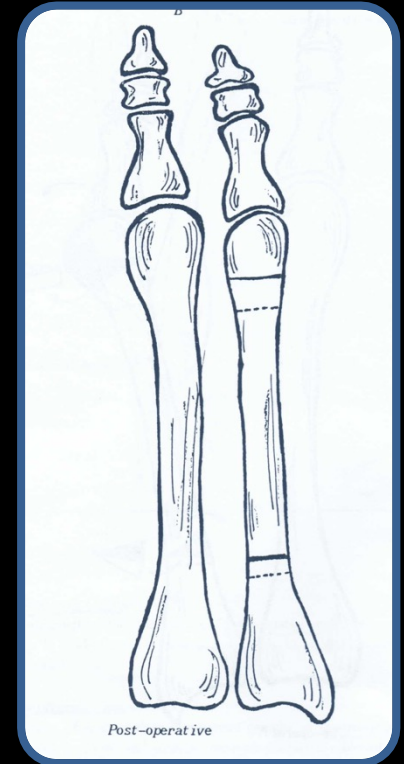
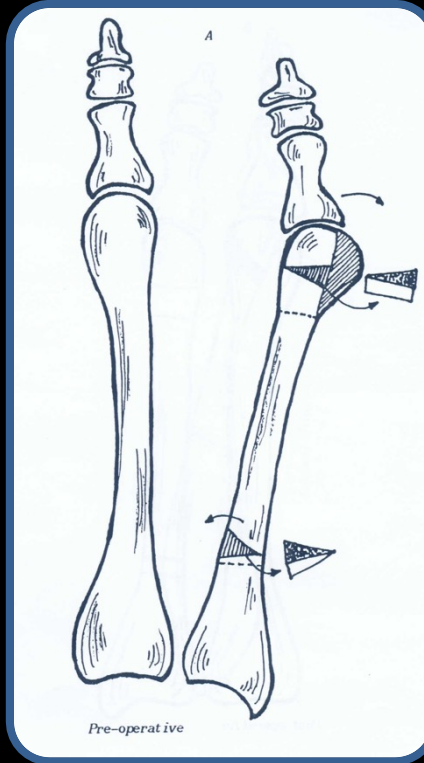


# Type 3

57-74%



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# Surgical Treatment

## *Bone gestures*



- ✓ M5 osteotomy



*Isham, S. The Isham Bunionette Procedure for the correction of moderate to severe Taylor's bunion deformities. Clin Podiatr Med Surg, 1: 1-22, 1996*

# Physiopathology

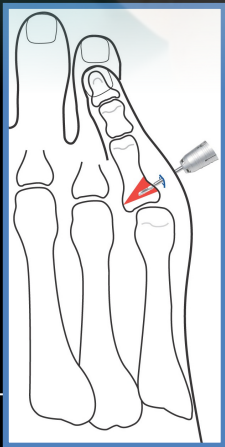
*Wet corn*



# P1 osteotomy



- FREQUENT
- Basal
- Optimizes the anatomical relationship between T4 & T5
- Complete or preserving the medial cortex





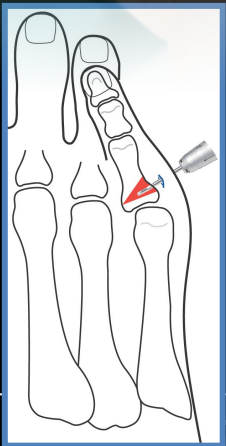
# Quintus varus supraductus



# P1 osteotomy



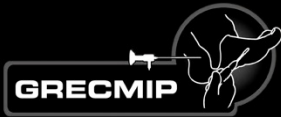
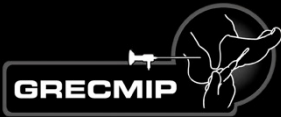
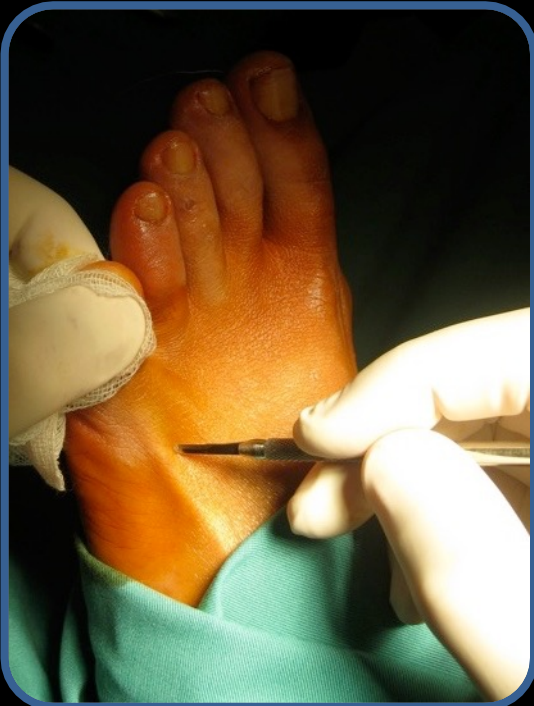
- FREQUENT
- Basal
- Optimizes the anatomical relationship between T4 & T5
- Complete or preserving the medial cortex



# Extensors tenotomy



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# Quintus varus infraductus



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# Physiopathology

*Claw or hammer toe*



# Surgical Treatment

## *Bone gestures*



✓ P1 osteotomy



- FREQUENT
- Basal
- Optimizes the anatomical relationship between T4 & T5
- Complete or preserving the medial cortex





# Longus flexor tenotomy



**GRECMIP**  
Gruppo Ricercatori Elettromiografici Italiani



# Résultats



- Even in the most difficult cases
  - ✓ *No osteosynthesis*
  - ✓ *Scars near zero*

# Conclusion



- The use of the percutaneous tool is efficient and reliable.
- Excellent results without any complications
- Real assets :
  - ✓ « à la carte » surgery
  - ✓ Simple elementary gestures
  - ✓ Day care procedure
  - ✓ No or little post operative pain
  - ✓ Excellent cosmetic aspect
  - ✓ No osteosynthesis



GOLD STANDARD IN PERCUTANEOUS SURGERY