

26 novembre 2016

LA LÉSION DU LCA ...
« LE RETOUR EXTERNE »
POURQUOI ?



Organisé par :

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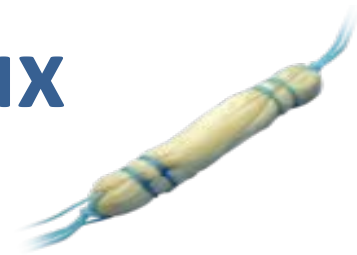
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Pr BONNEL
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Dr KUENTZ
Dr LUTZ
Dr SEYNAEVE

6^{ème}
IM2S Foot Pro
WORKSHOP



Les plasties intra-articulaires isolées par autotransplants. Principes et matériaux



Bernard Schlatterer , Philippe Ballério, Thomas Dollone
Jean-Henri Jaeger

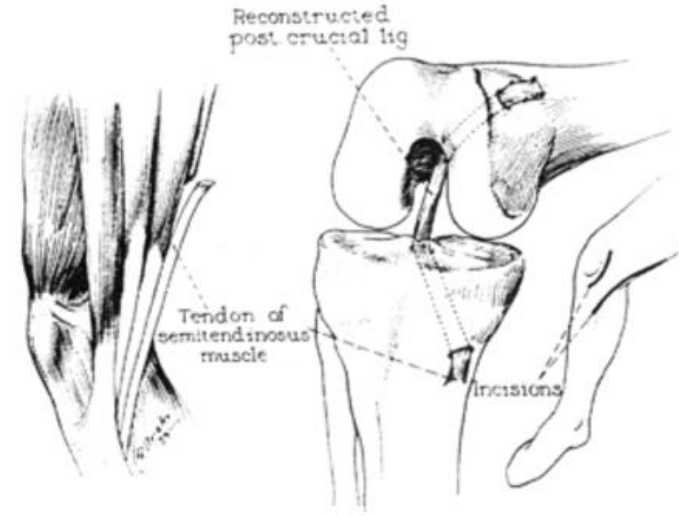
Institut Monégasque de Médecine du Sport
Samedi 26 novembre 2016

Cahier des charges

- ✓ Valeur biomécanique immédiate de l'autogreffe doit être au moins égale à celle d'un LCA natif
- ✓ Positionnement anatomique au niveau des sites d'insertion du fémur et du tibia
- ✓ Rigidité et la solidité des modes de fixation autorisent une mobilisation articulaire et un appui total postopératoires

Historique

- ✓ Chirurgie à Foyer ouvert 80's
 - Les tendons ischiojambiers: Lindeman
 - Le ligament patellaire: Kenneth Jones
- ✓ Chirurgie arthroscopique
 - Le transplant os-tendon-os 90's
 - Les tendons ischiojambiers 00's

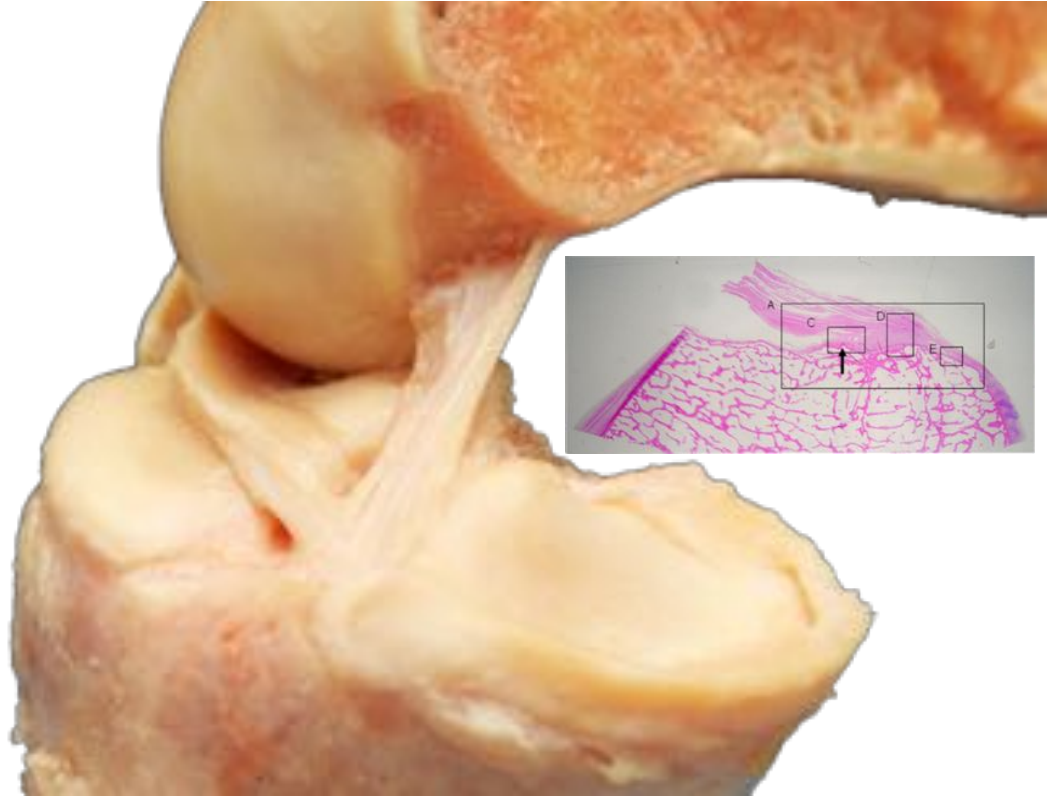
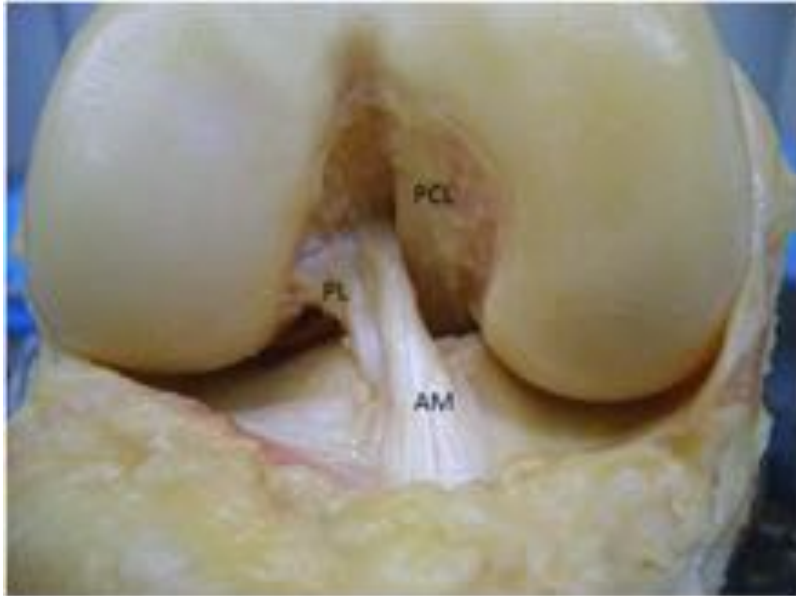


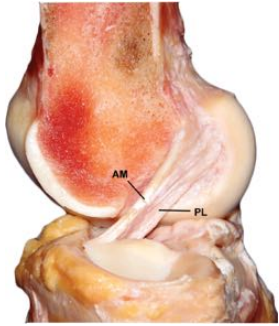
- ✓ Le Ligament antérolatéral 10's

Anatomie du LCA

2 faisceaux ?

« Ribbon like »

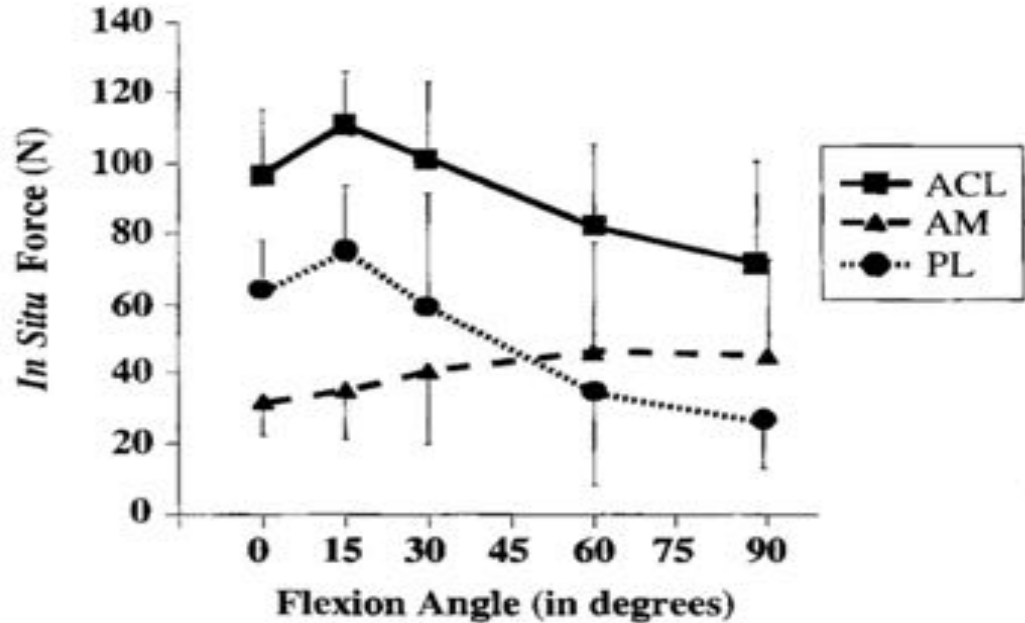




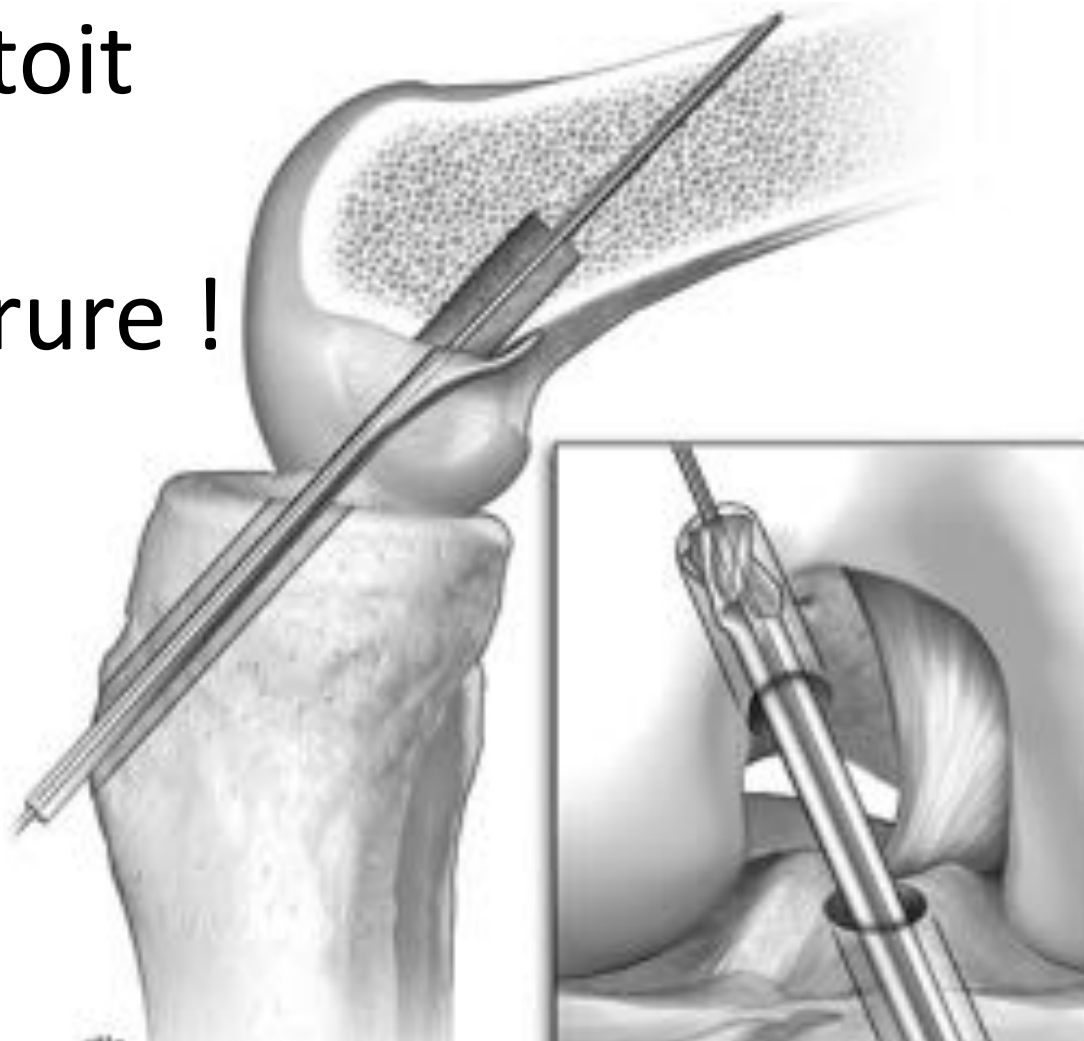
Anatomie du LCA

2 faisceaux

Biomécanique



Visée toit
de
l'échancrure !

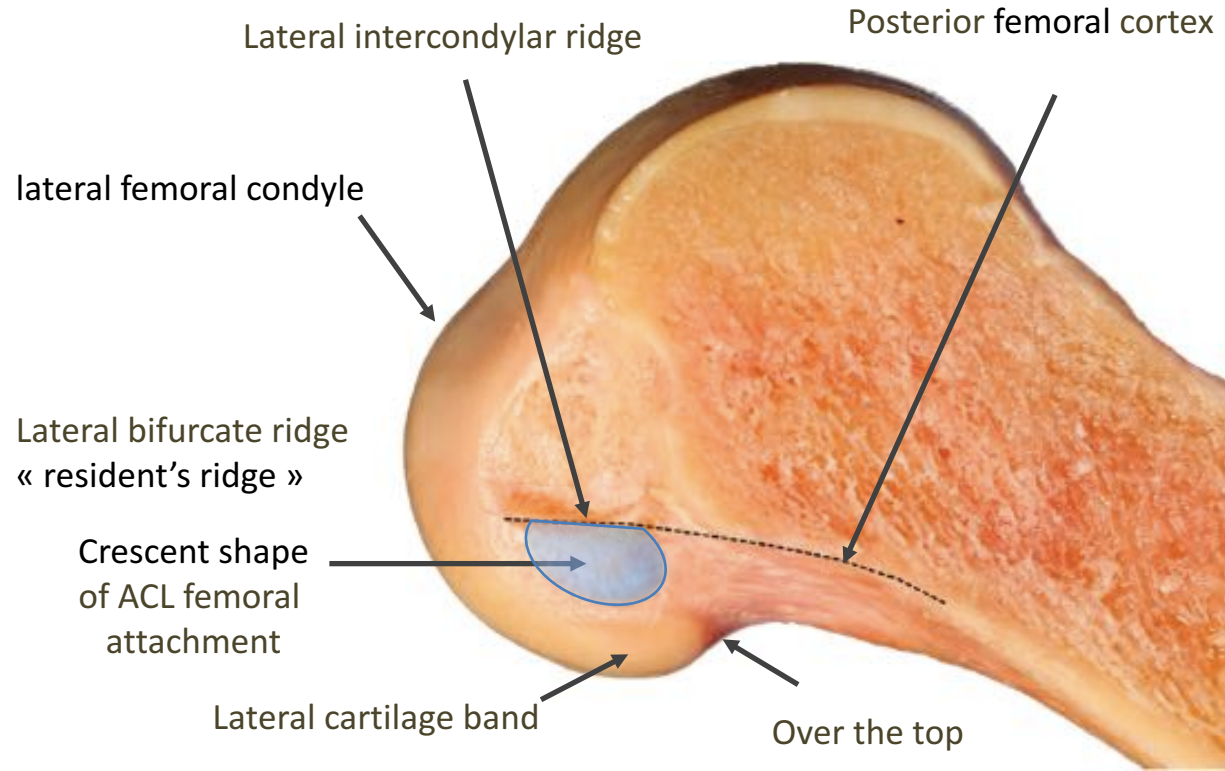


Anatomie du LCA

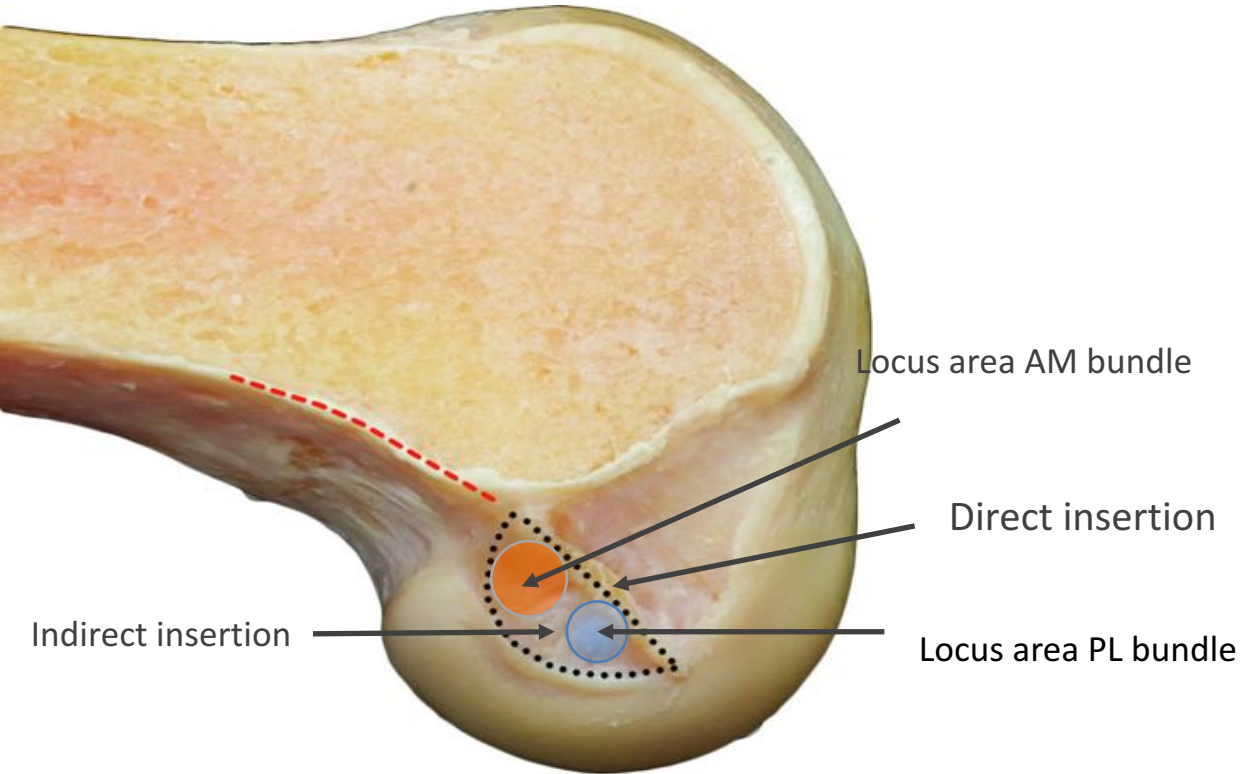
Repères osseux

C-shaped tibial ACL attachment

from along
the lateral
edge of the
medial
tibial
spine to the
anterior
aspect of
the anterior
root of the
lateral



Le « locus area » de l'enthèse fémorale du LCA



Variations anatomiques

A



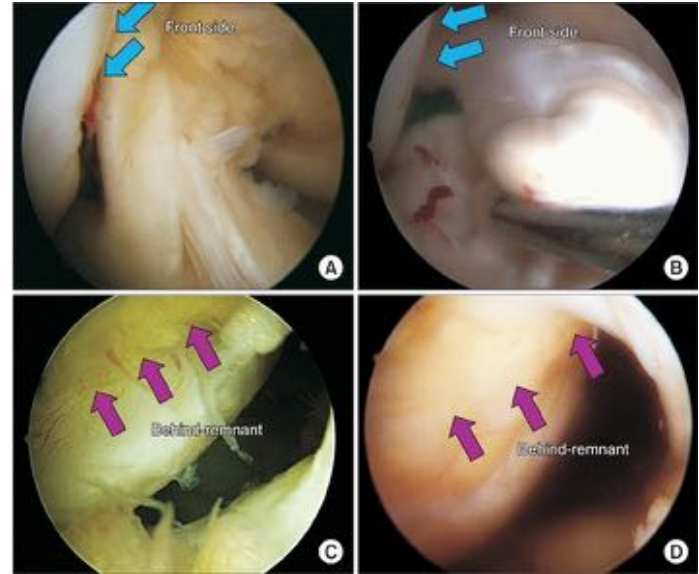
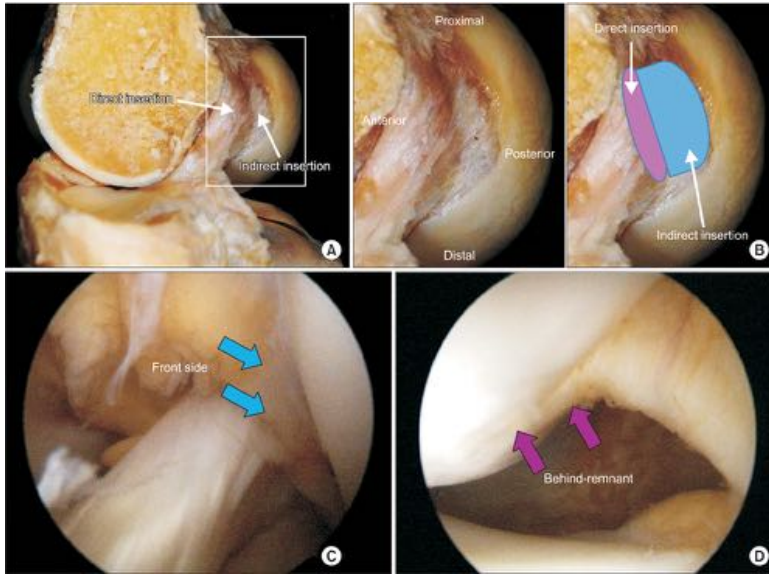
B



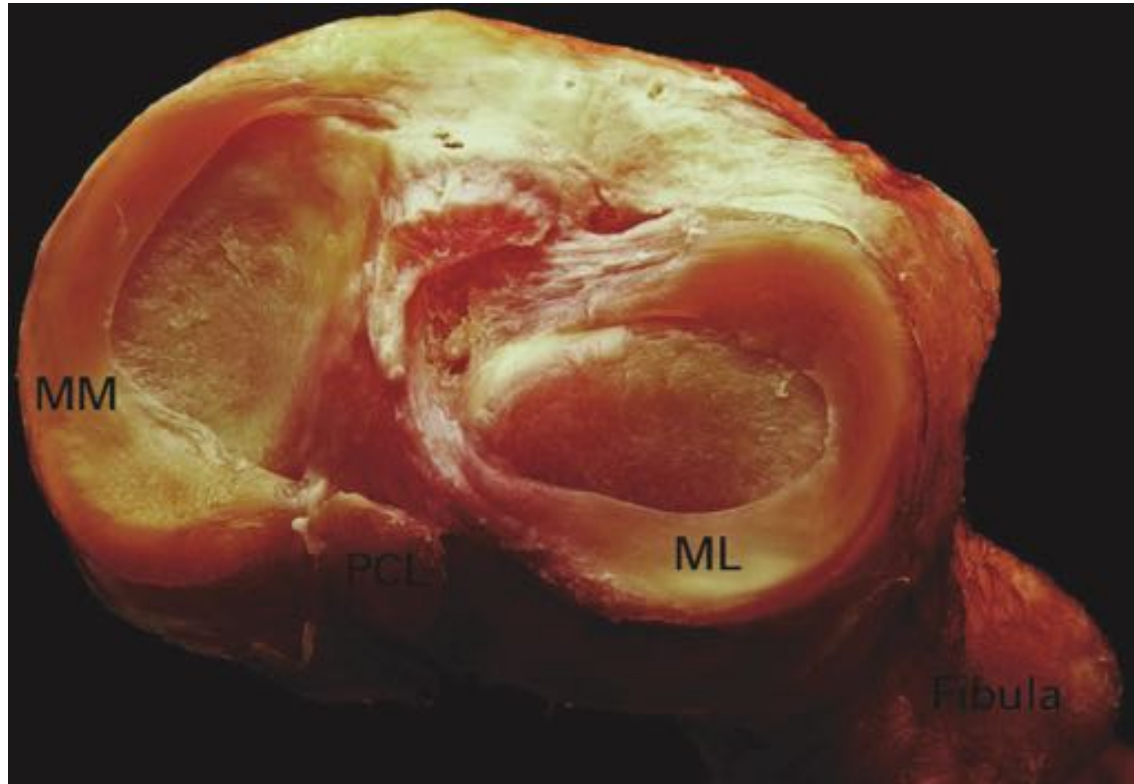
C



Observer les vestiges

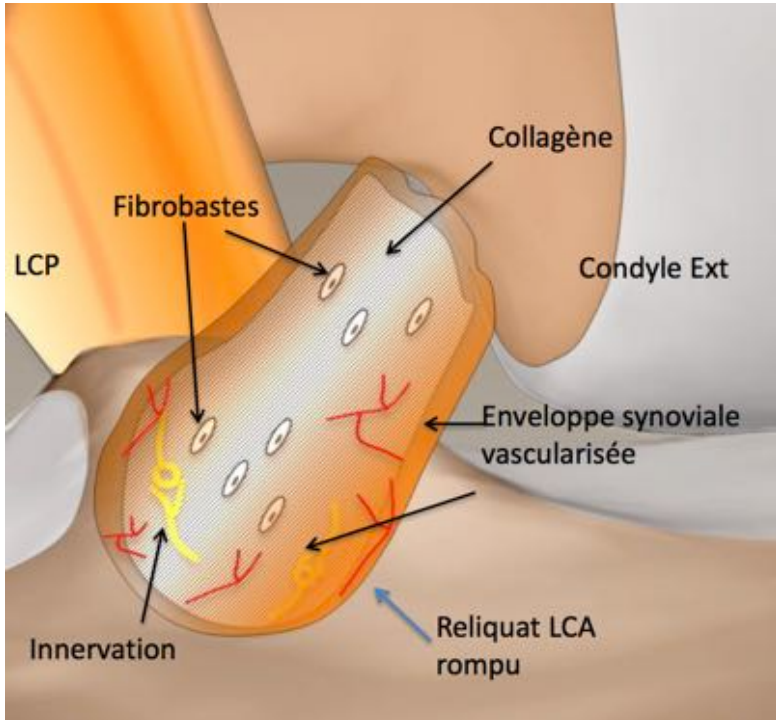


« C » Shape

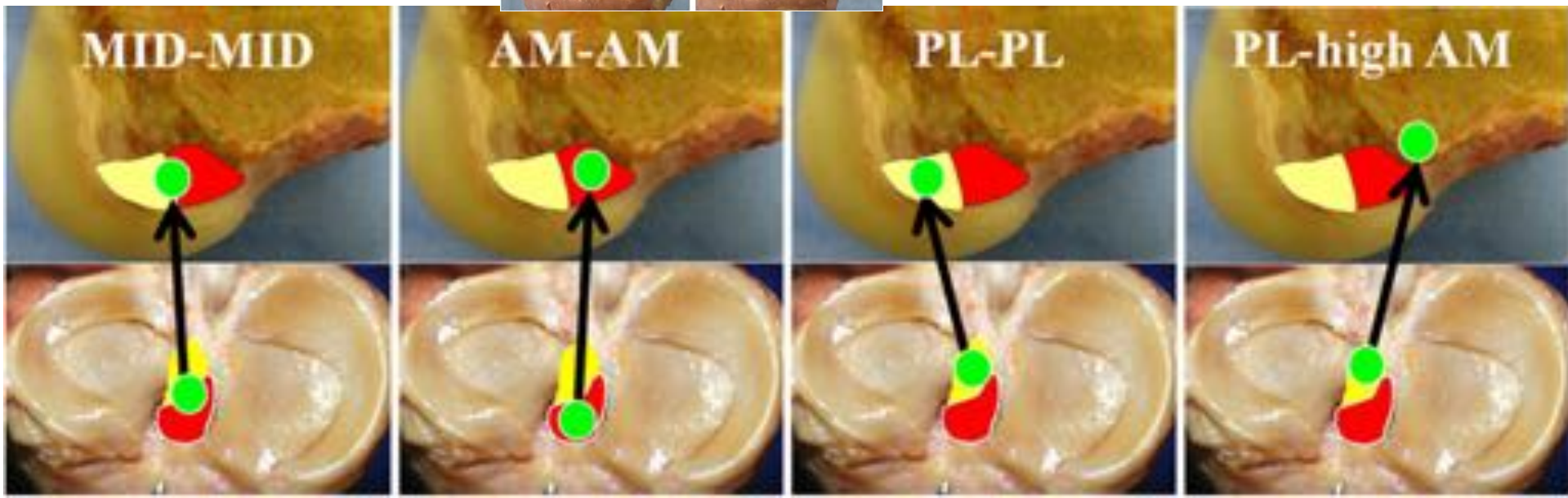
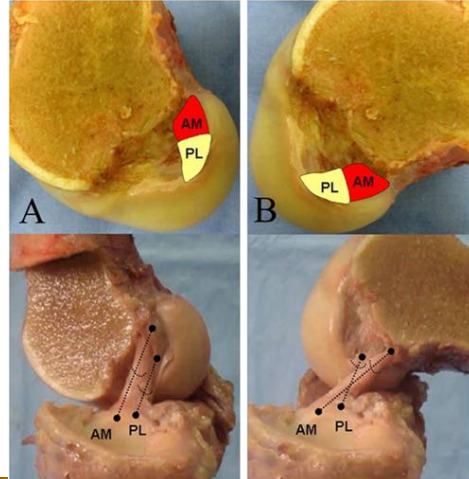


Sambba technique

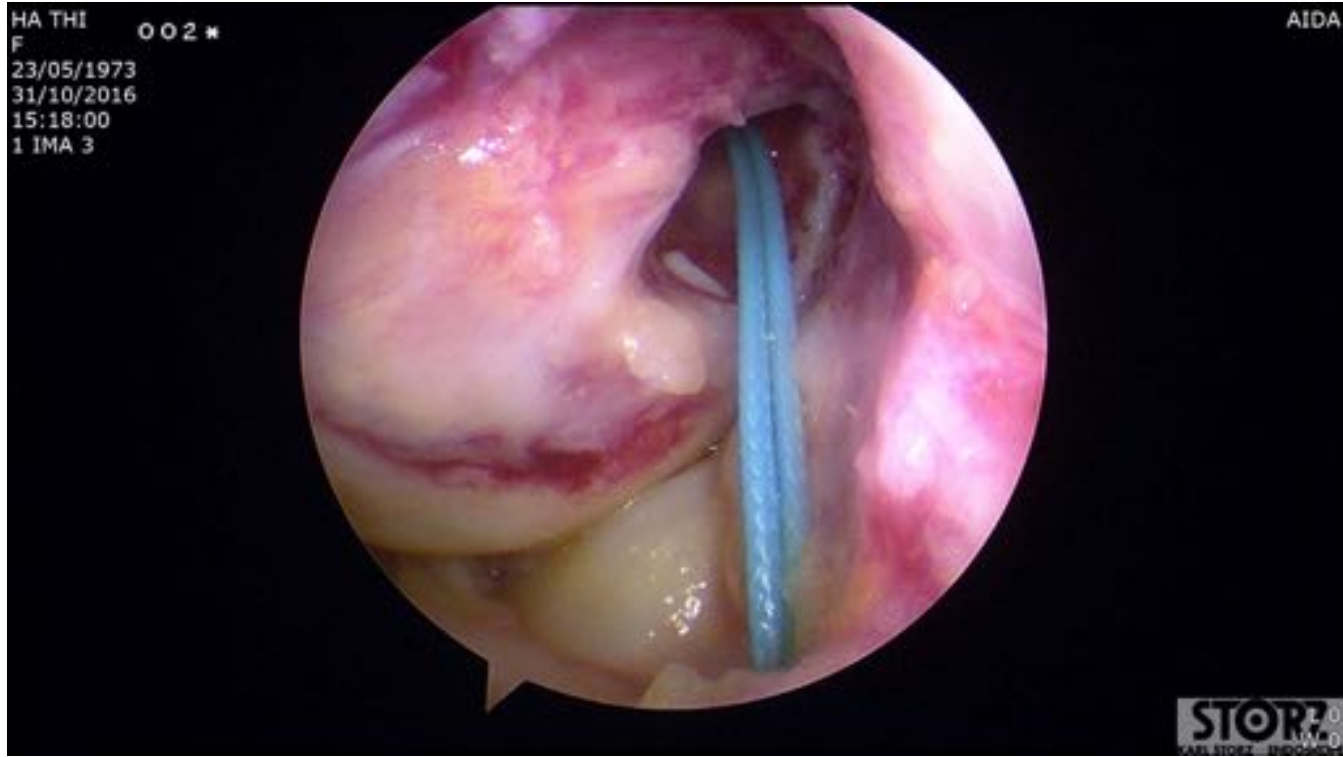
Conservation du reliquat



Comment
viser ?

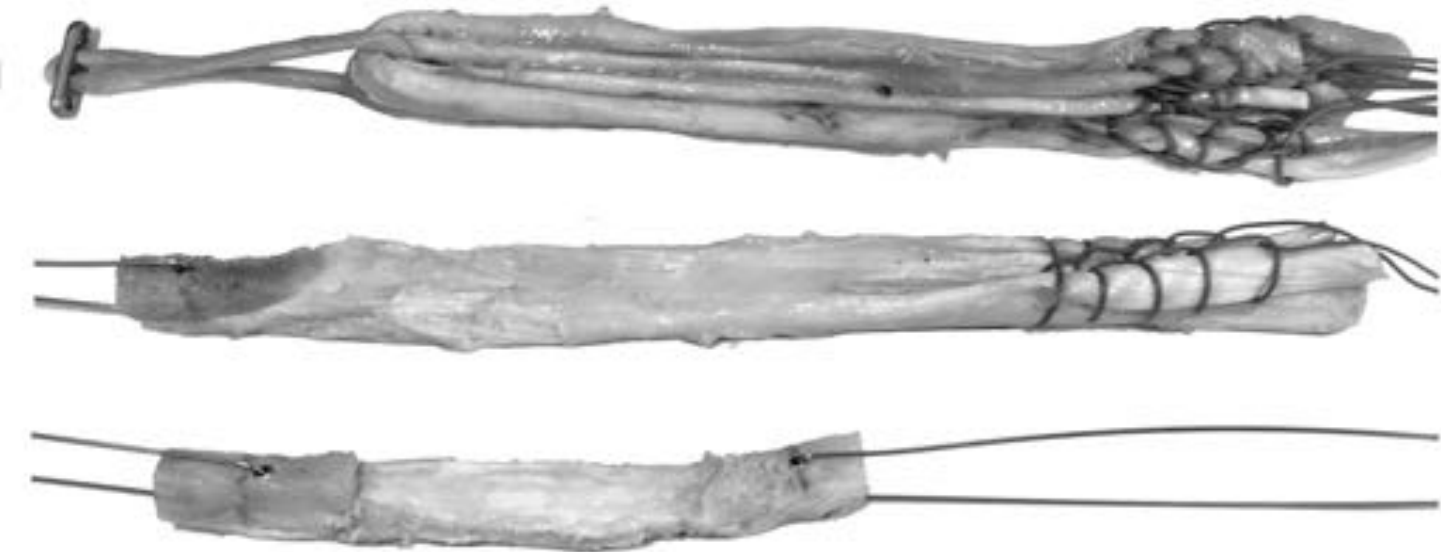


Voie optique antéromédiale



Visée Mono faisceau AM

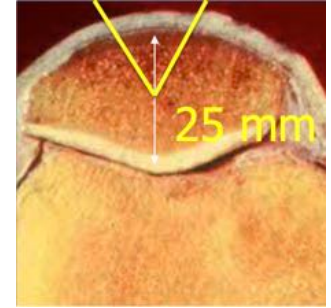
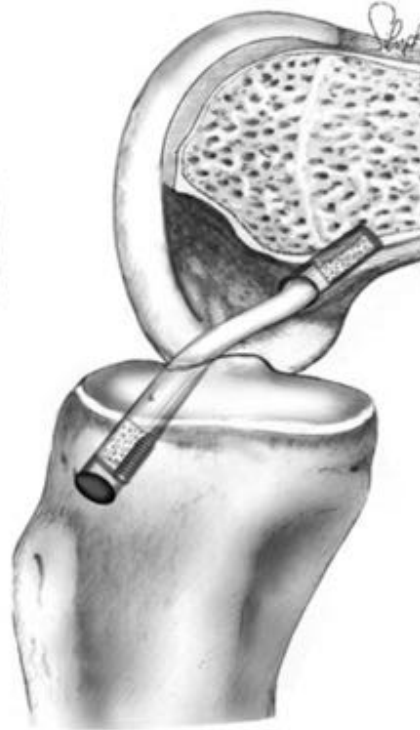
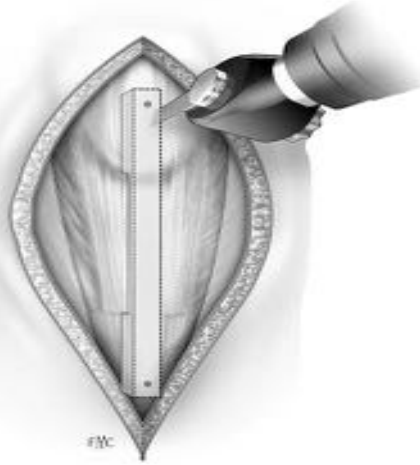
Quel greffon ?



Le transplant os-tendon-os

Rigidité tendon patellaire

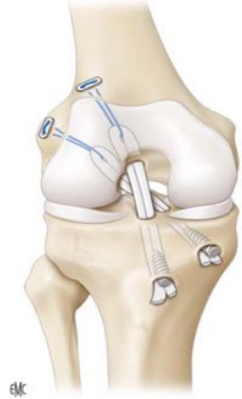
Fixation os-os



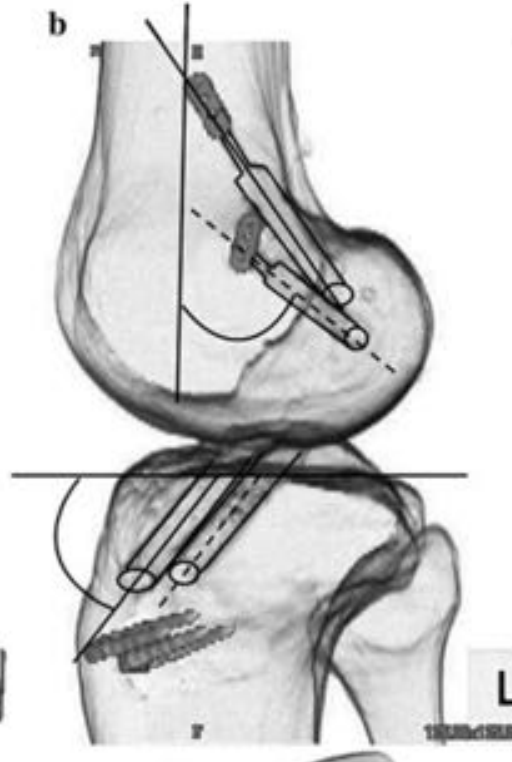
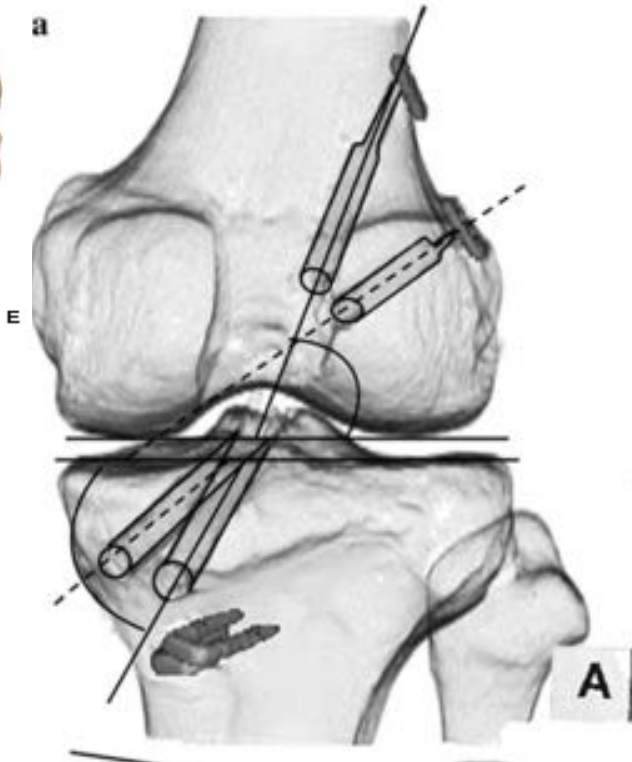
Kenneth- Jones



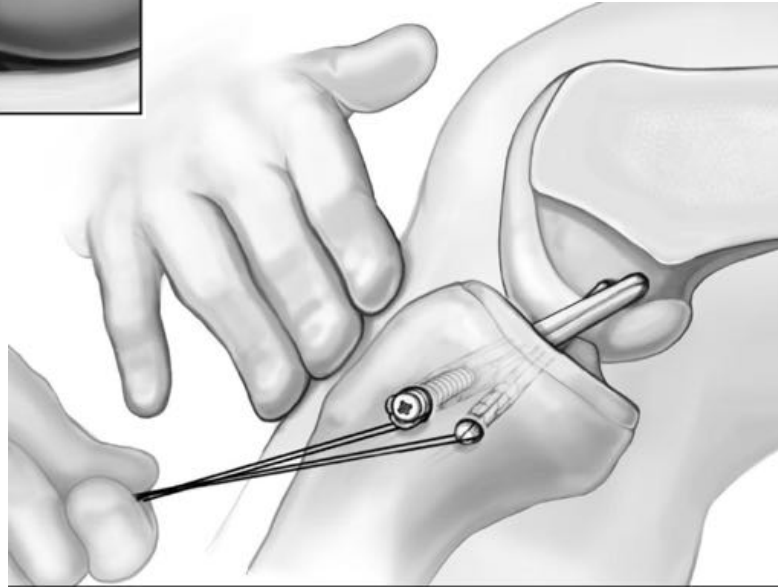
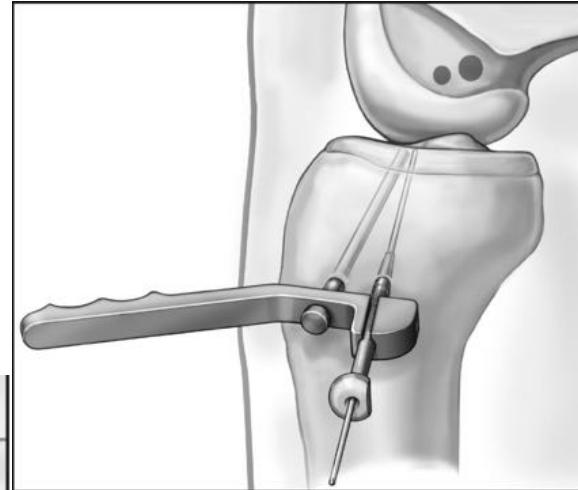
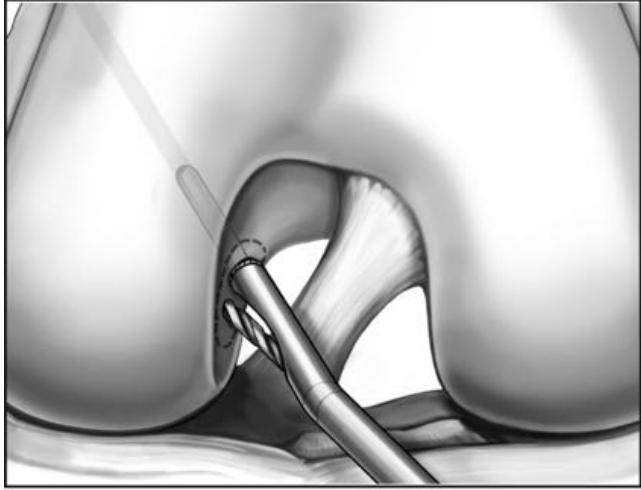
Le DI²-DT² ou semitendineux plus gracilis à 2 faisceaux avec 2 brins pour chaque tendon



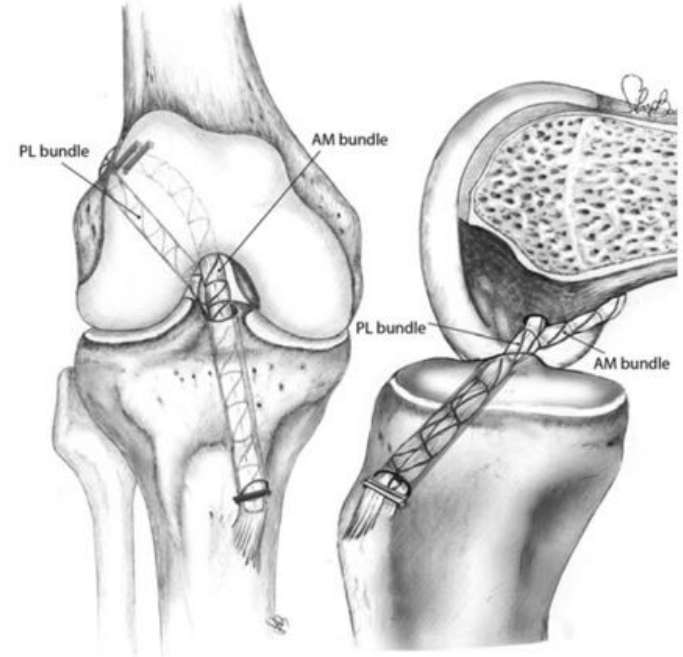
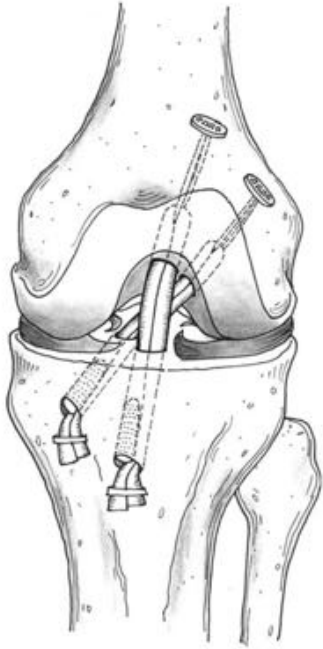
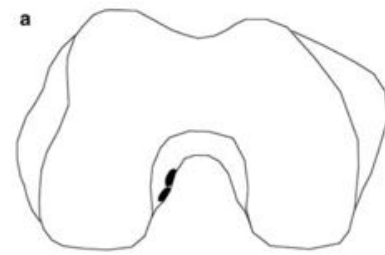
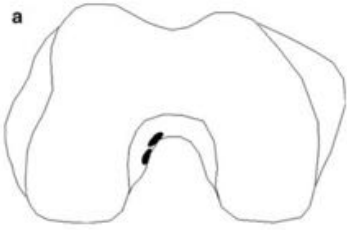
34



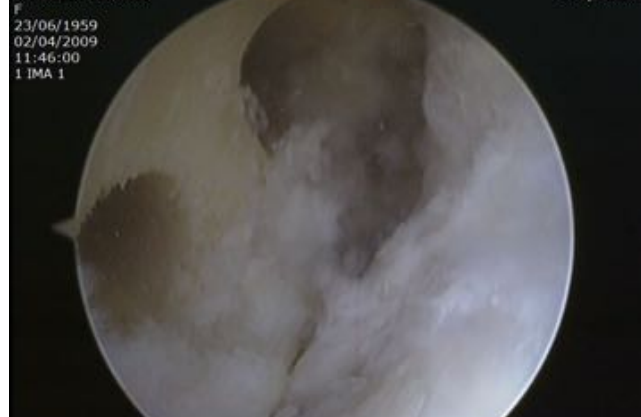
Ancillaire de visée pour le Fx PL



Le 2 faisceaux



F
23/06/1959
02/04/2009
11:46:00
1 IMA 1



Sony Medical

REBOULOT BRIGITTE
F
23/06/1959
02/04/2009
12:02:00
1 IMA 4



LO
WO

REBOULOT BRIGITTE
F
23/06/1959
02/04/2009
12:05:00
1 IMA 10

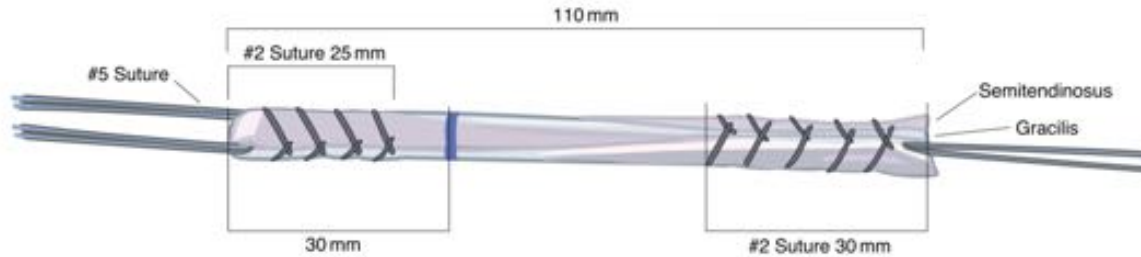


LO
WO



Le [DI-DT]⁴ ou semitendineux plus gracilis monofaisceaux à 4 brins

Vis



Endobutton



2 modes de fixation



Vis d'interférences



Endobutton



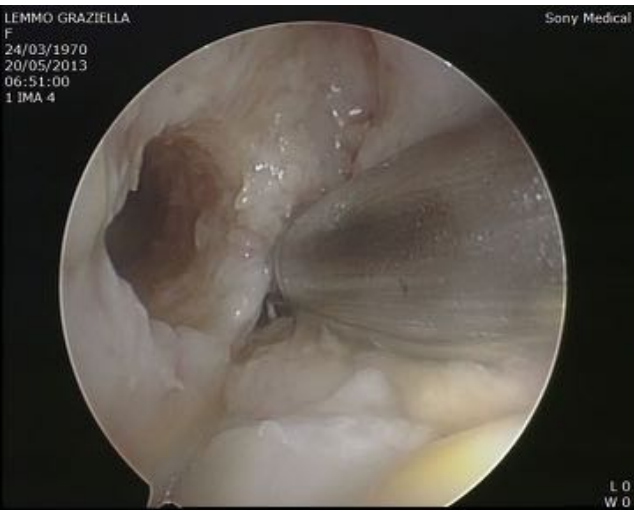
GIRAUDO FRANCK
M
24/04/1969
27/11/2014
13:52:00
1 IMA 6

Sony Medical



L0
W0





Revoscrew



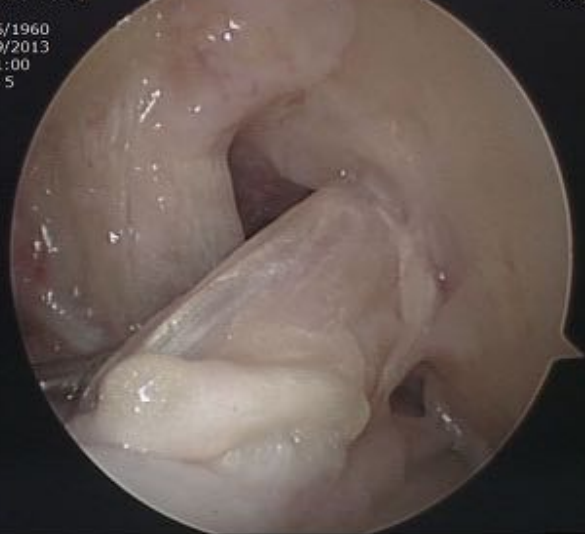
Genou droit



@ 90°



M
26/05/1960
30/09/2013
08:41:00
1 IMA 5



L O
W

ZERLINI Antonio
M
26/05/1960
14/02/2013
13:55:00
601 IMA 5

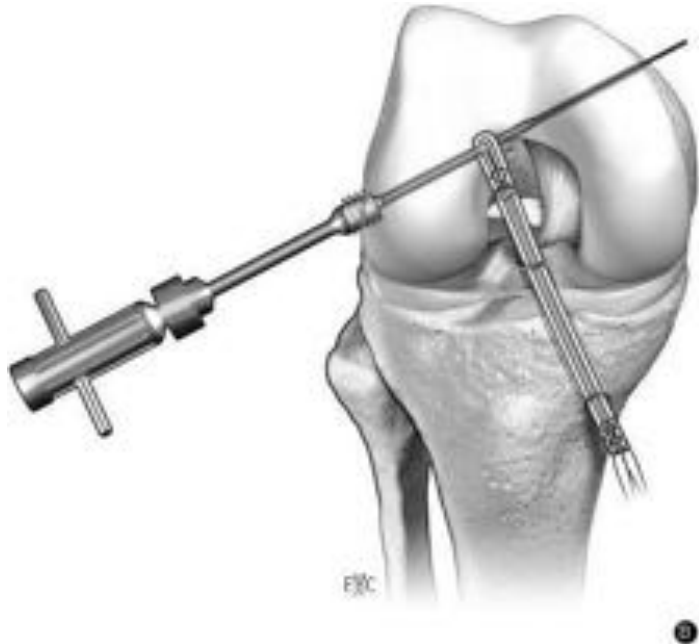


A

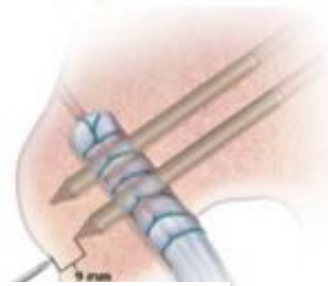
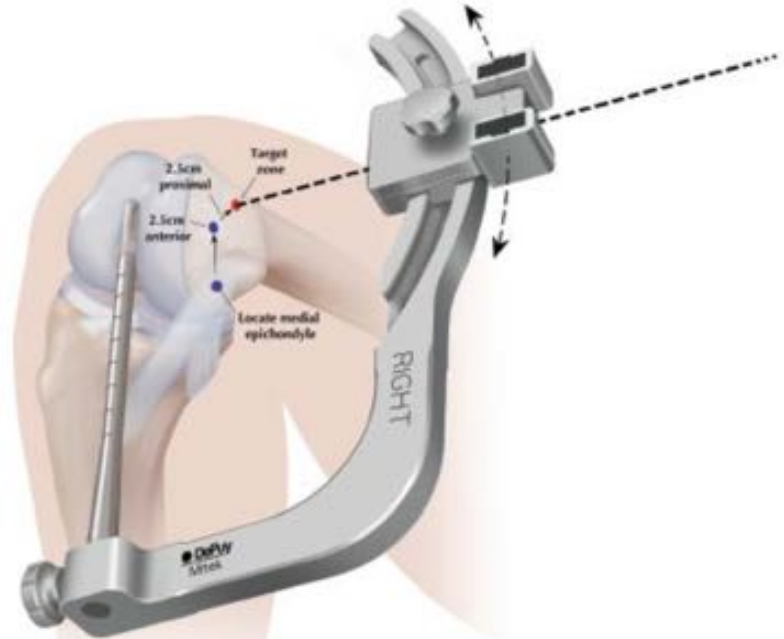
TE: 30
TR: 2870
1.5 T
NA: 3



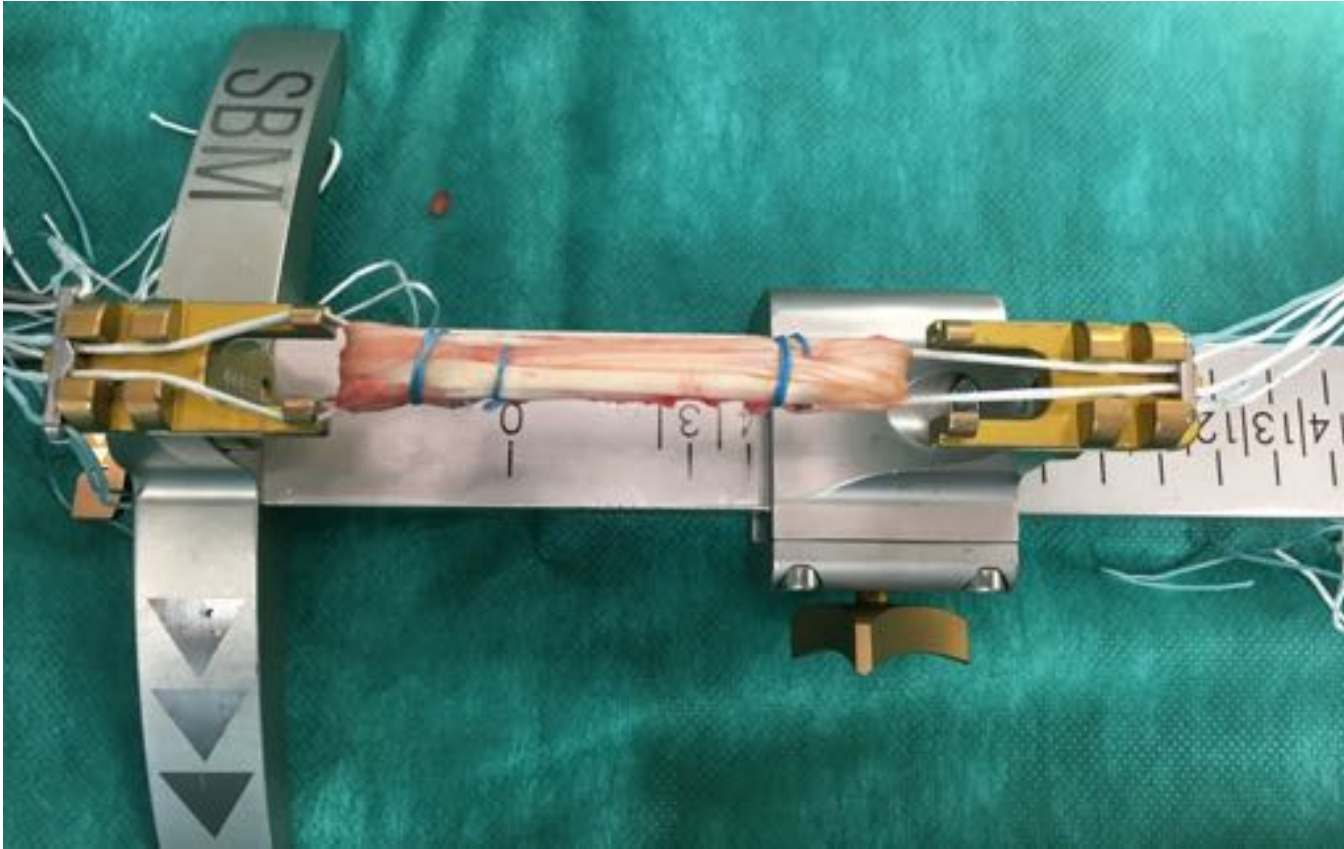
Transfix

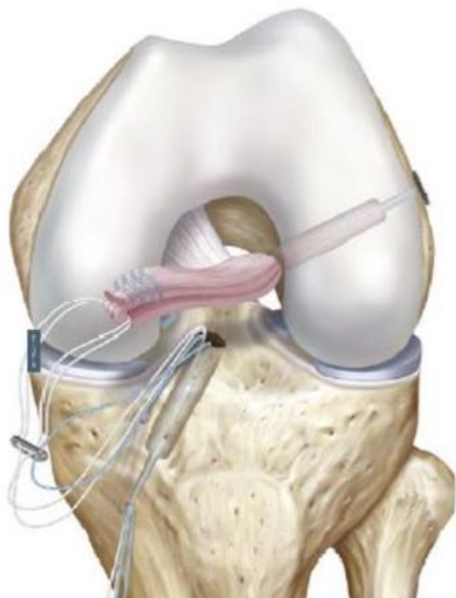


Rigidifix Cross pin



**Le DT⁴ ou semitendineux monofaisceaux
natomique à 4 brins (technique du greffon court)**





DT4



04/07/2016
11:50:00
1 IMA 3



WALLET Marie-Claude
F
20/02/1963
25/11/2018
09:26:00
601 IMA 6



TE: 30
TR: 2374
1.5 T
NA: 3
FoV: 160
SP: 1.3
ST: 1.3

4 cm

L 205
W 102

LEET Marie Claude

A

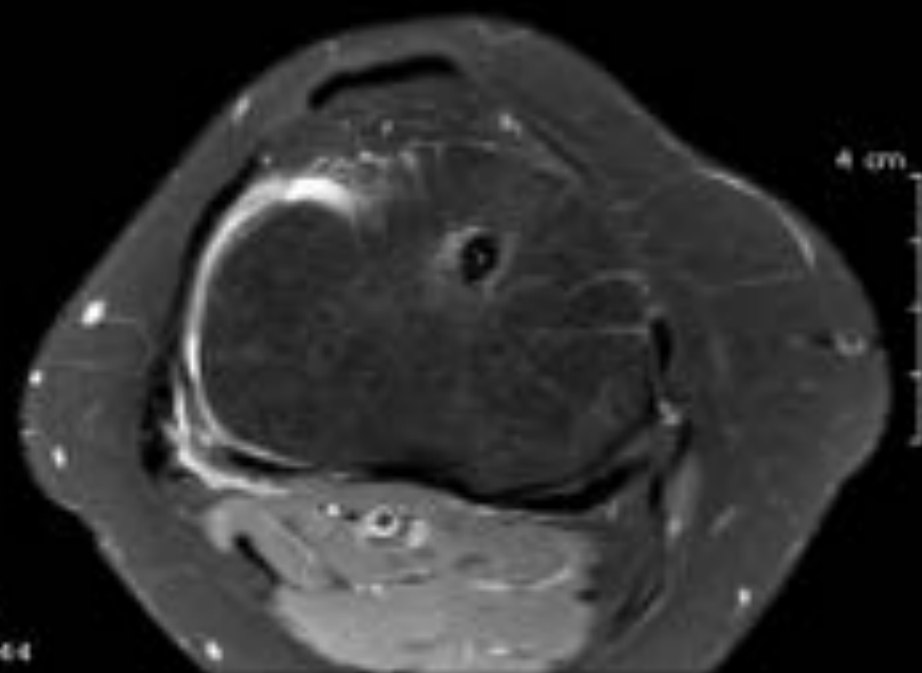
Ingenia Marie Claude

A

Ingenia

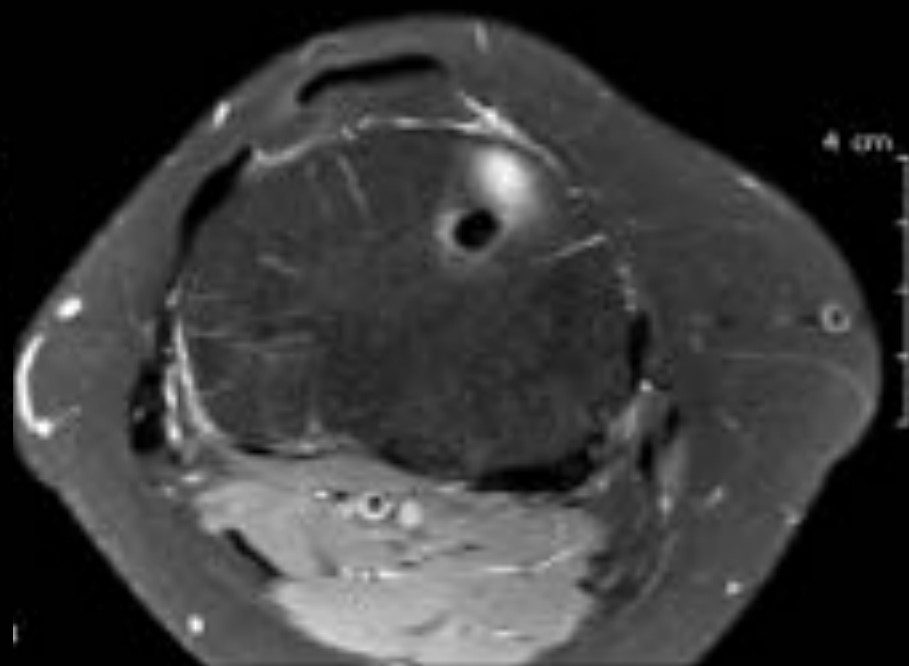
02/1963
11/2016
23:00
IMA 11

163
116
1
10



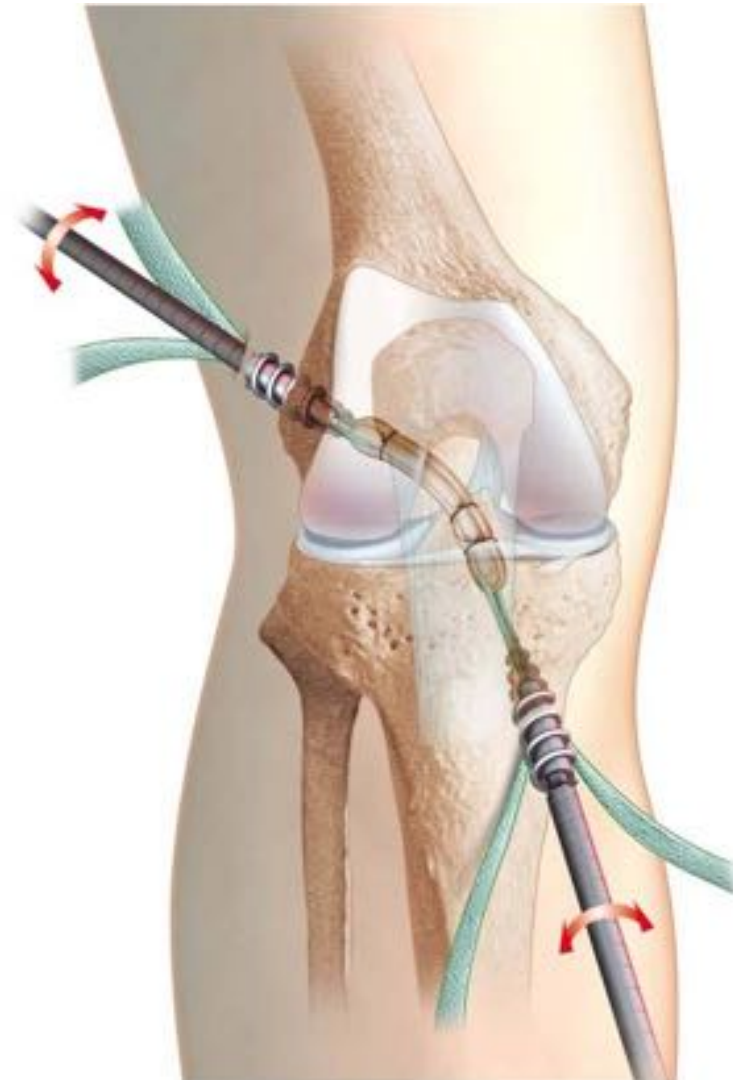
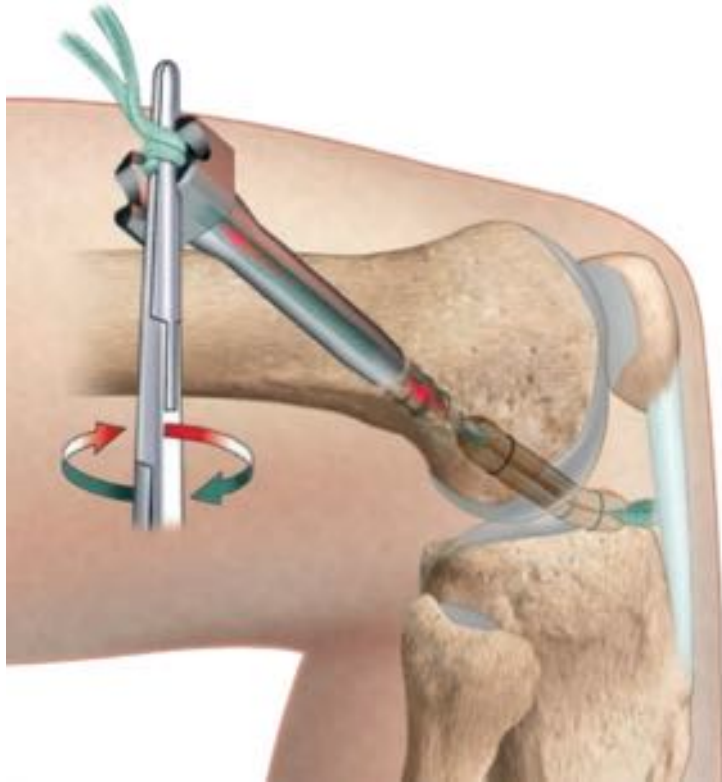
00
3444
T
2
160
4.4
4.0

L 161
W 280



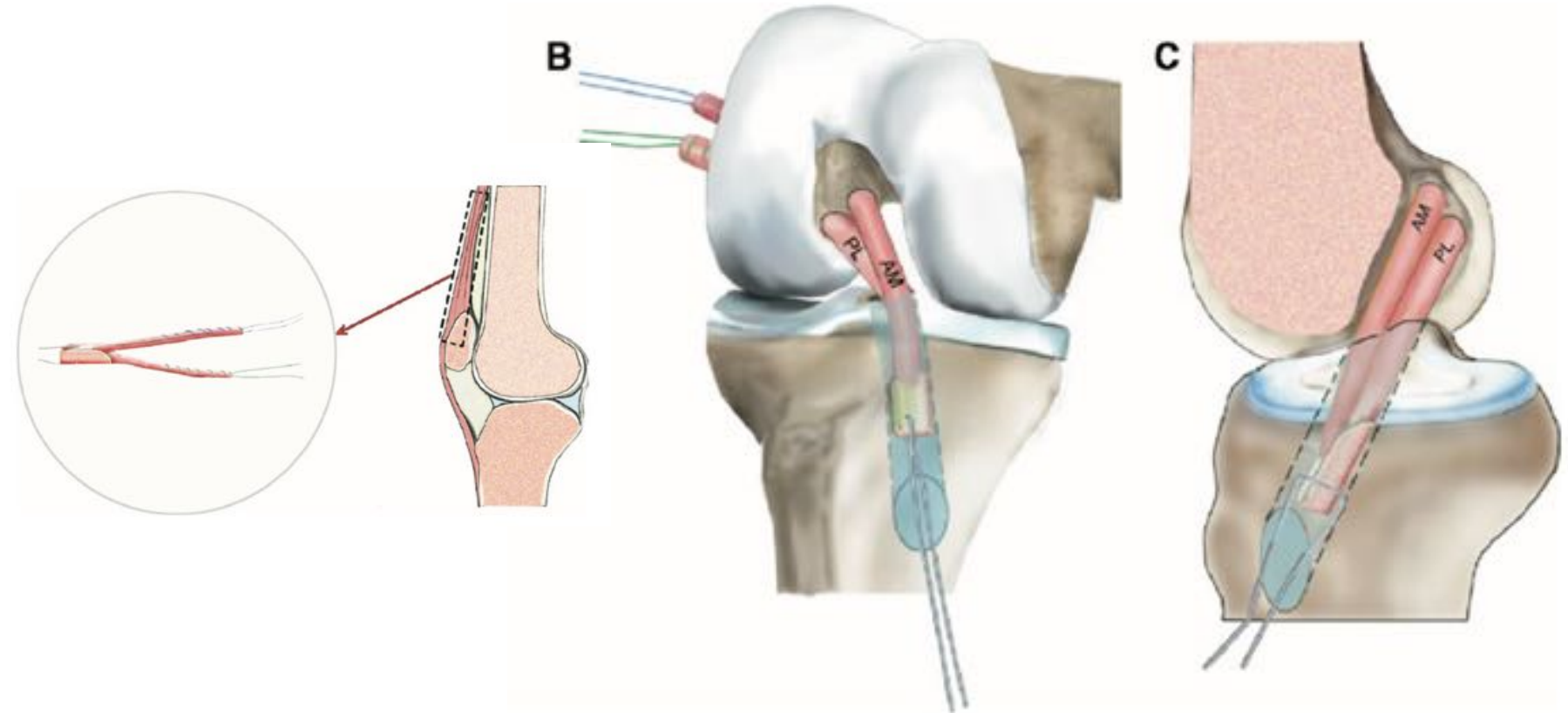
L 140
W 244

Tape Locking Screw



Les Plasties au tendon quadricipal

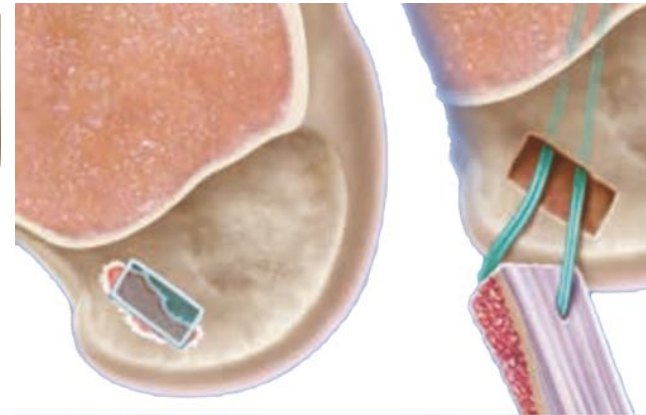
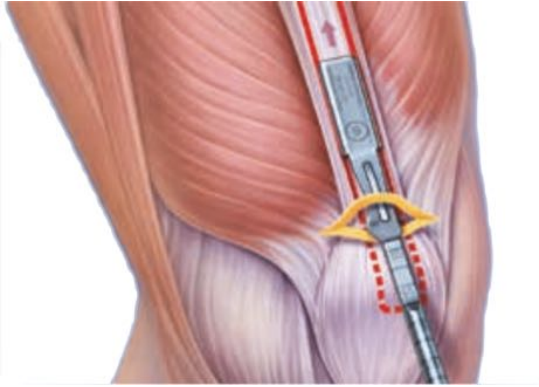
Tendon Q à 2 FX



Les Plasties au tendon quadricipal

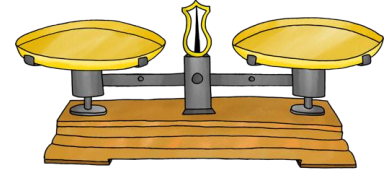
QT Anatomique

Moins douloureux que le KJ





Conclusion



- ✓ Les tendons ischiojambiers plasties intraarticulaires
 - Première intention
 - Modulaires
 - Evolutives
 - Accélérateur d'ancrage pour les

- ✓ Le KJ golden standard des années 90
 - Rigidité et fixation os-os, sport pivots contact
 - Plastie de « second couteau », reprise

- ✓ Mimic « Ribbon like » ACL
Reconstruction cylindrique ?