# DTZ4 Ligamentoplasty of ACL Semi-tendinosus for 4 branch transplant All Inside

**Dr Jean-Christophe DURAND** 

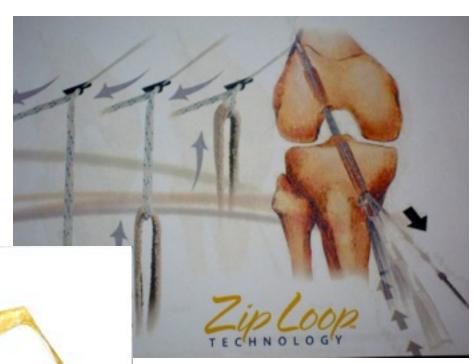
Clinique St Charles LYON (France)

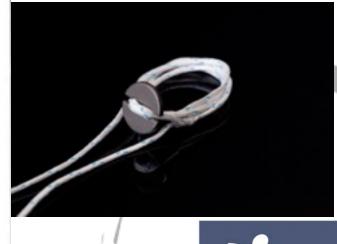












Clinique Chirurgicale Saint Charles



#### **BOX OF INSTRUMENT**









#### DISSECTION OF THE TRANSPLANT

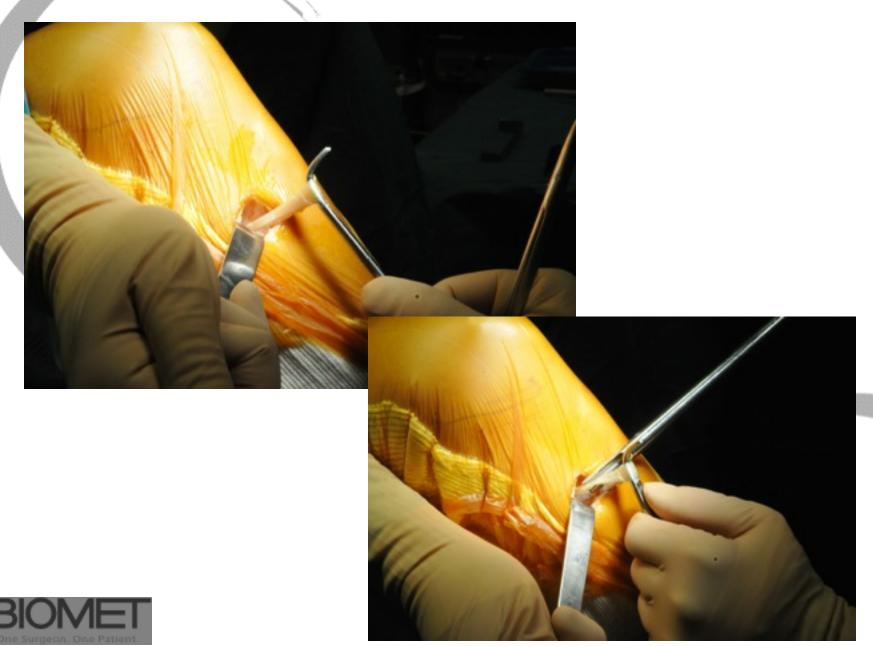








#### DISSECTION OF THE TRANSPLANT

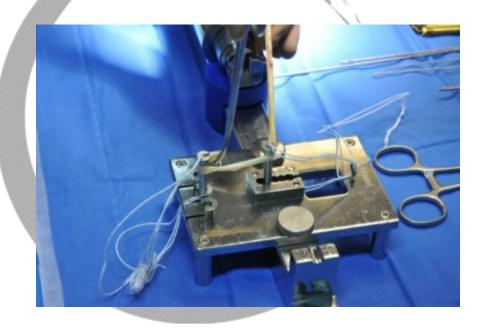


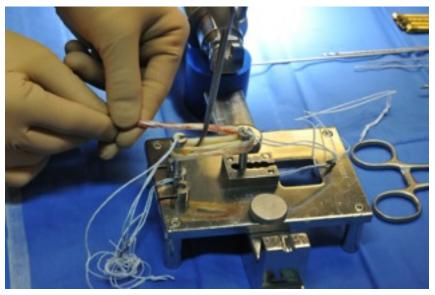


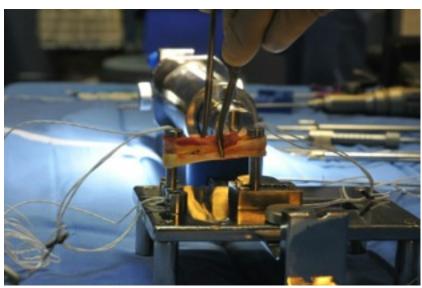
#### **DISSECTION OF THE TRANSPLANT**

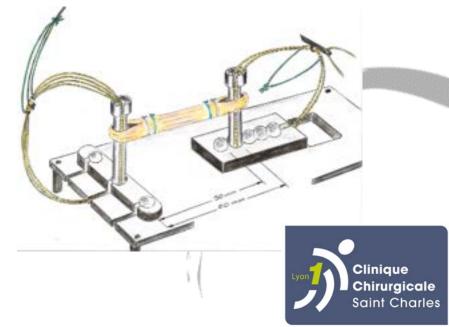


#### PREPARATION OF THE GRAFT

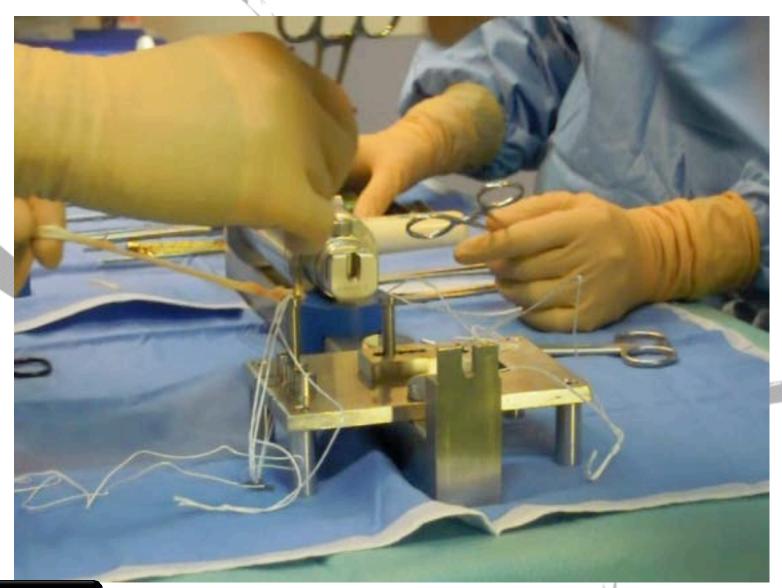








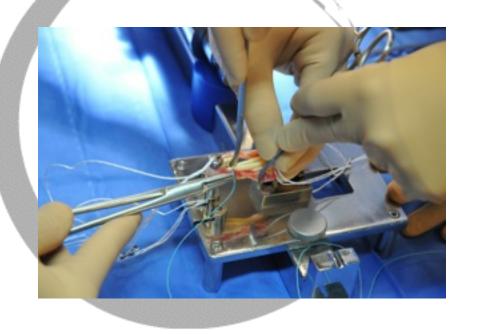
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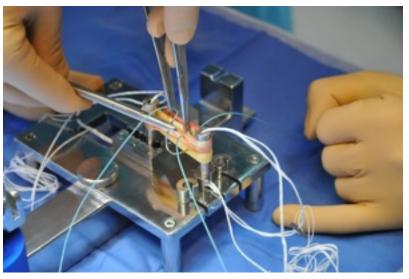


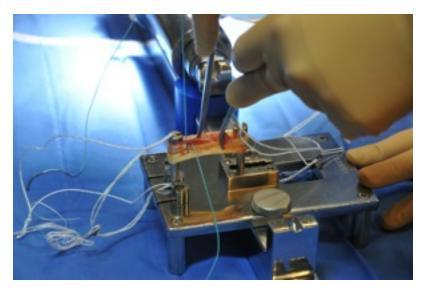


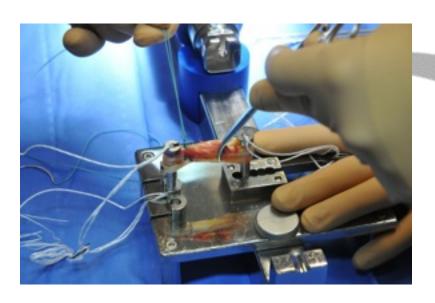


#### SUTURE OF THE GRAFT

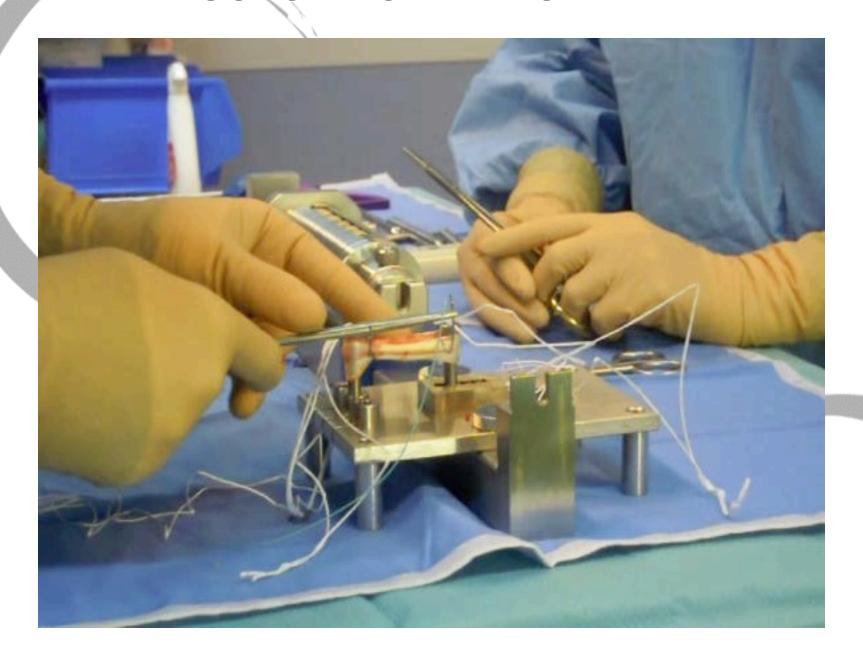






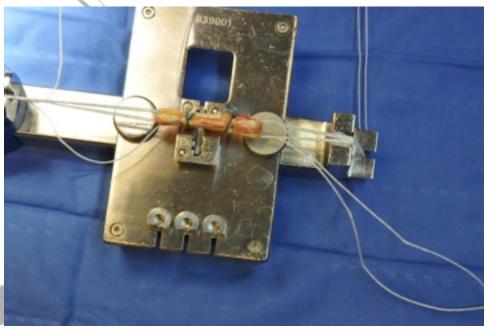


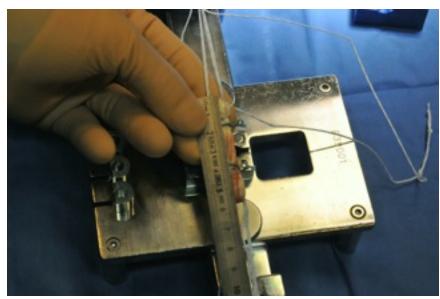
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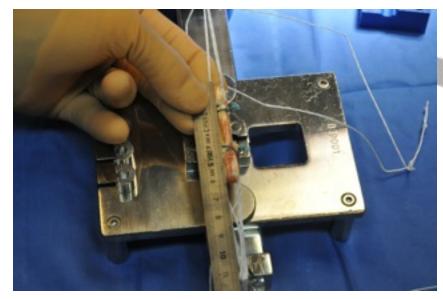




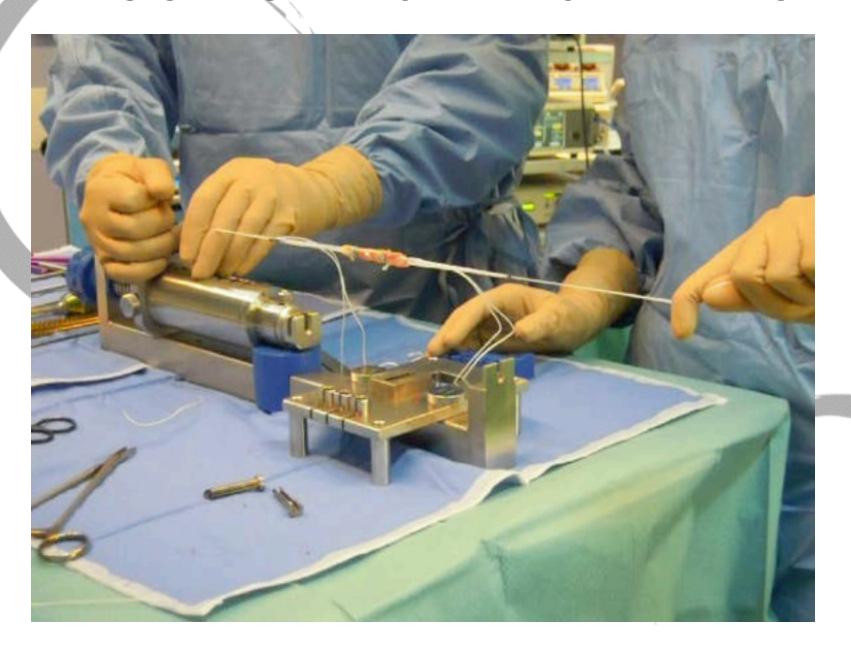
## TENSIONING DEVICE AND CALIBRATION



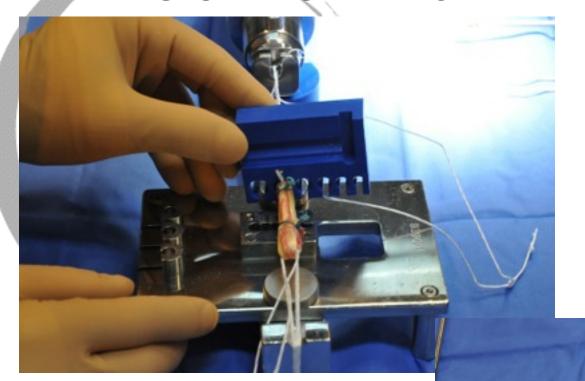




# TENSIONING DEVICE AND CALIBRATION



#### TENSIONING DEVICE AND CALIBRATION







#### **ARTHROSCOPIC LESIONAL CHECK-UP**



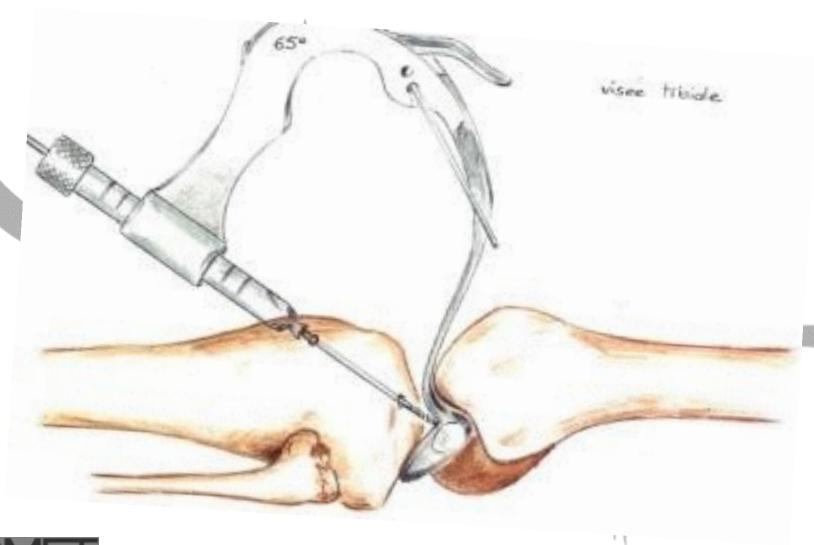
Saint Charles

# **ARTICULAR CLEANING**





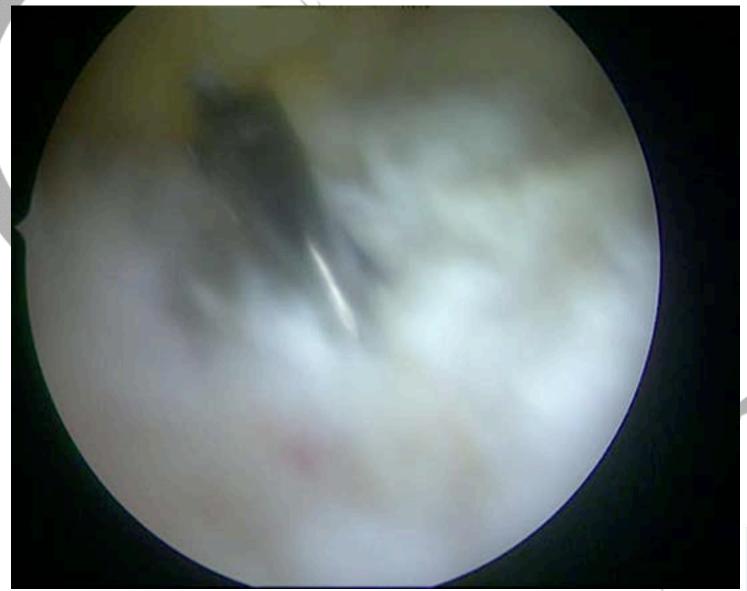
#### **AIMED TIBIAL IN EXTENSION**







#### PREPARATION OF TUNNEL TIBIAL

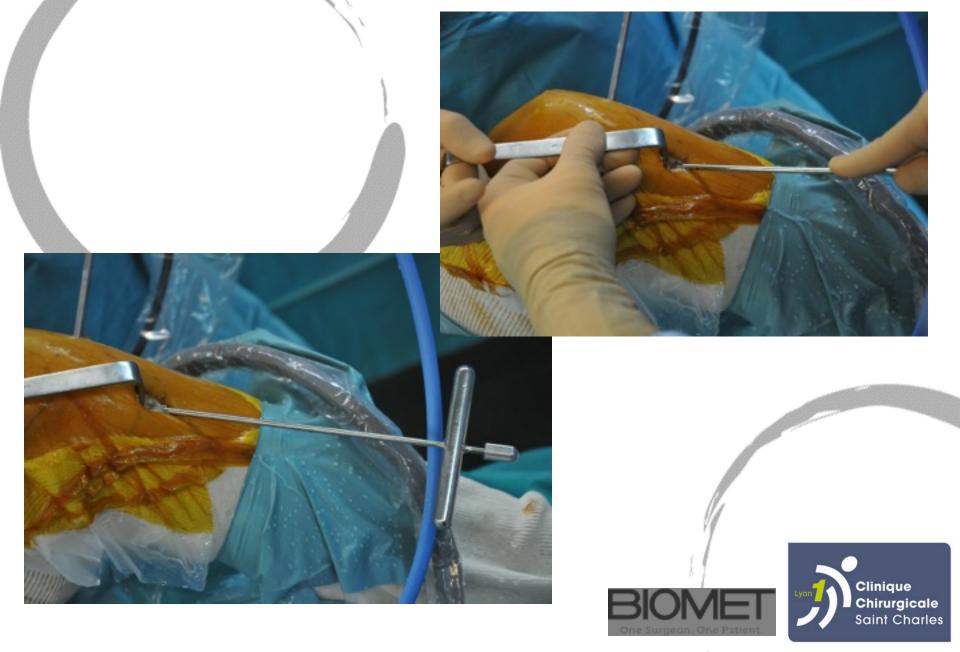




### PREPARATION OF TUNNEL TIBIAL



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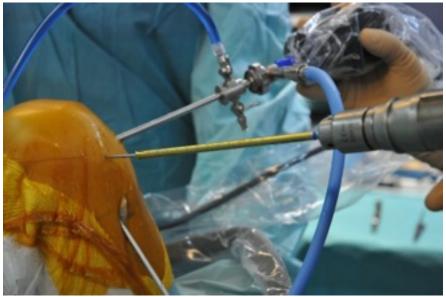


#### PREPARATION OF TUNNEL FEMORAL



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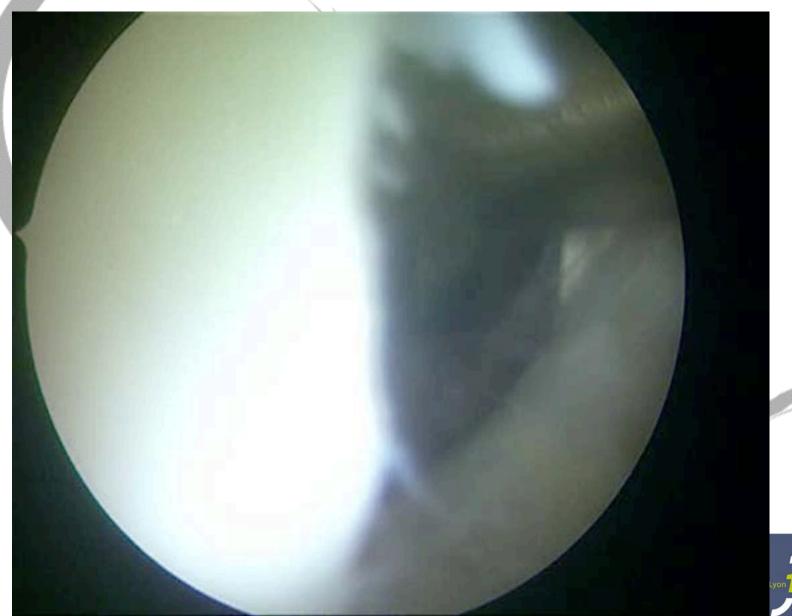






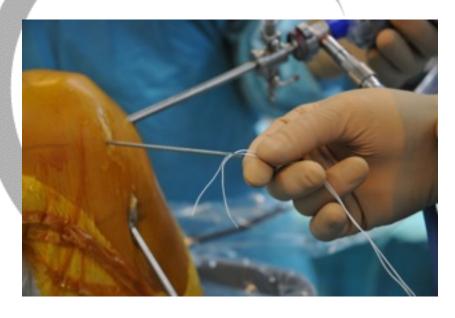


#### PREPARATION OF TUNNEL FEMORAL





#### PASSAGE OF TOGGLELOC AND GRAFT



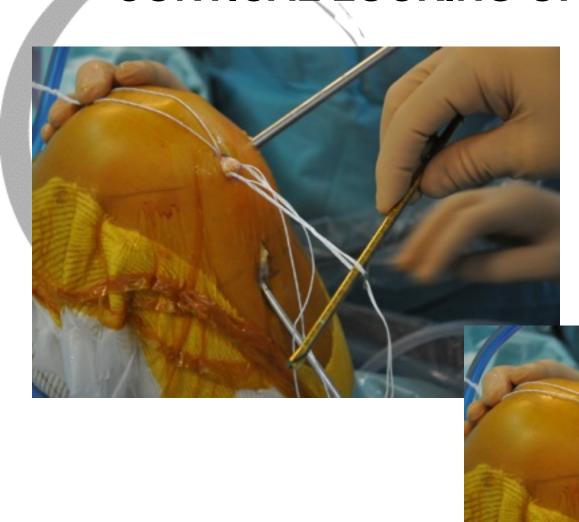








#### **CORTICAL LOCKING OF TOGGLELOC**



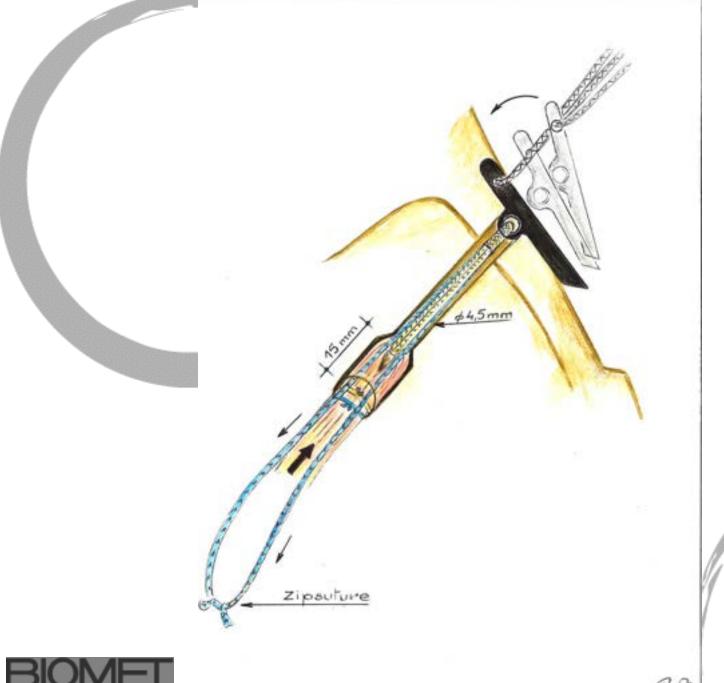




#### RISE OF THE TRANSPLANT



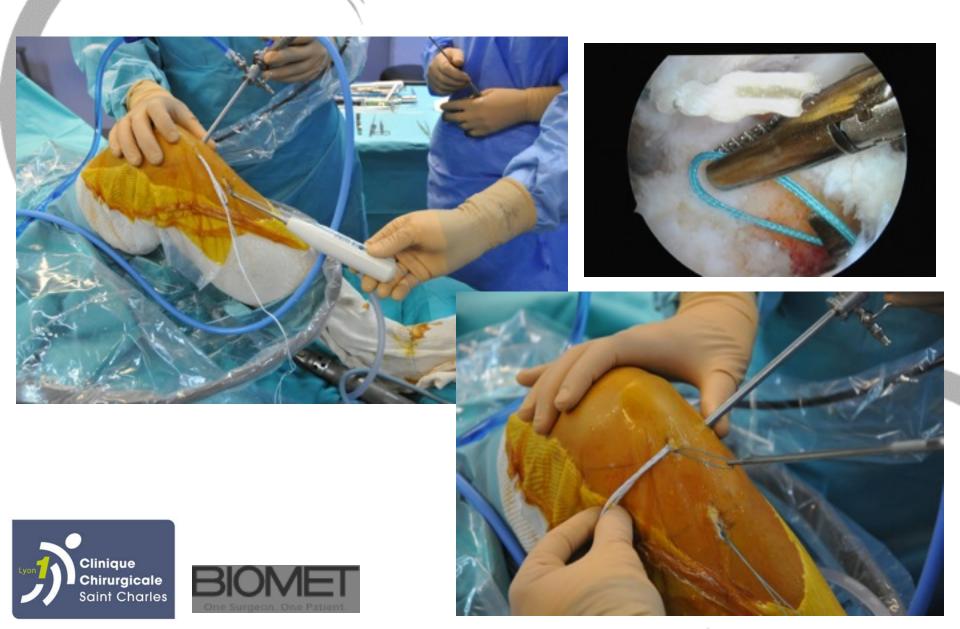






ap

# PASSAGE INTRA-ARTICULAR OF TOWING THREAD

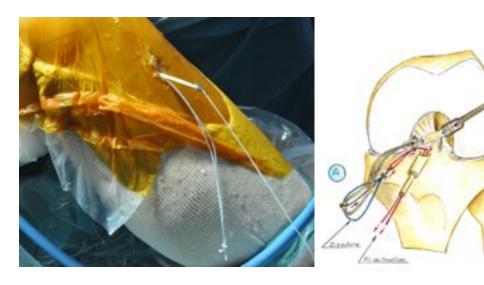


# PASSAGE INTRA-ARTICULAR OF ZIPLOOP INLINE LOOPS



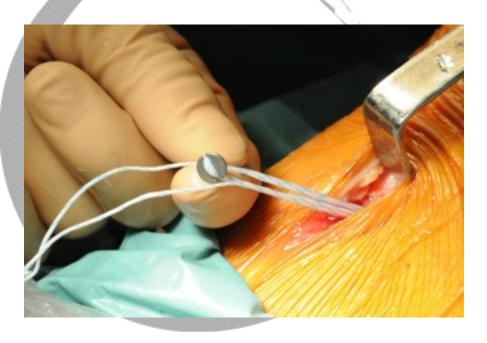


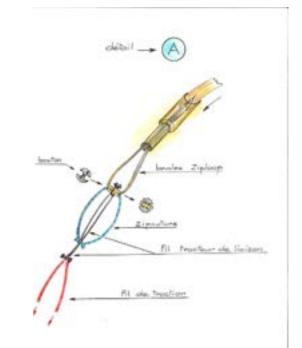


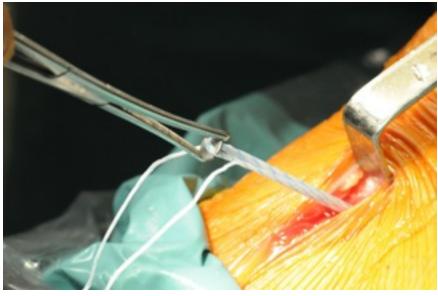




#### LOCKING ZIPLOOP INLINE

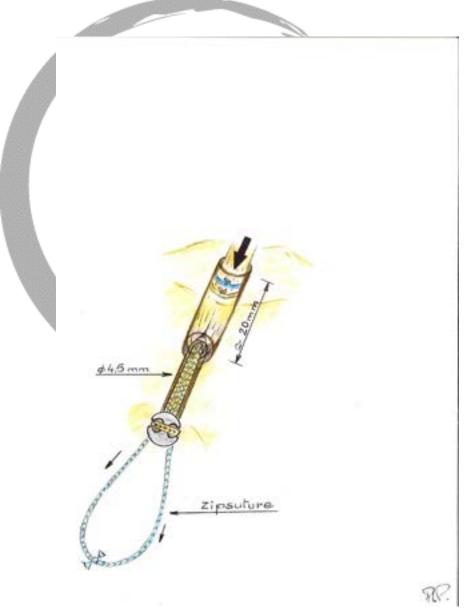


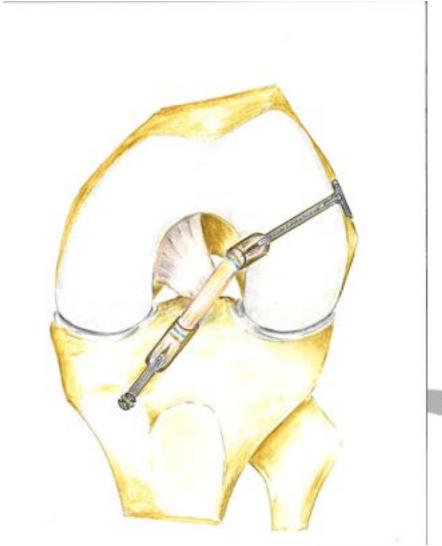








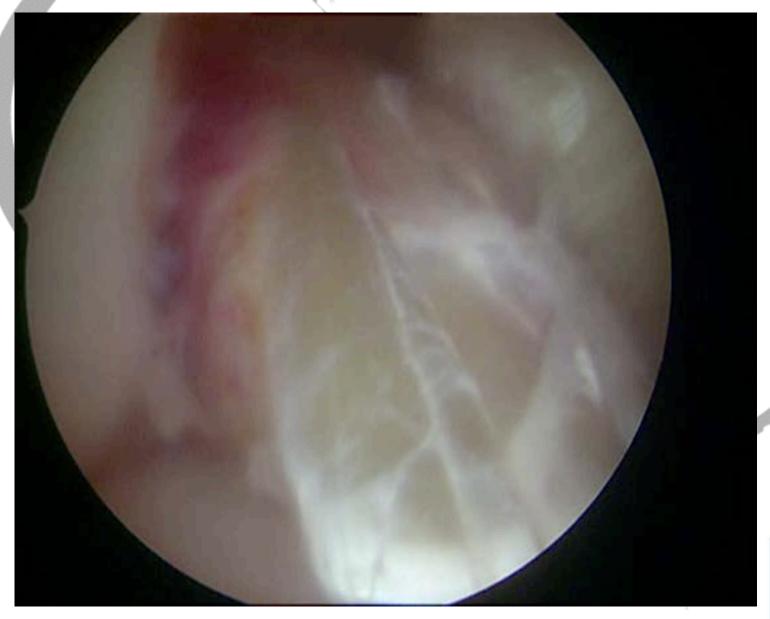








## **TESTING FINAL STABILITY**





#### **GAME READY**



# PHYSIOTHERAPY



# CHECK-IN OUT



