

# ACL reconstruction

Adjustable juxtacortical femoral fixation

**P**  
ULLUP<sup>®</sup>



- ▶ Strength and rigidity
- ▶ Adjustable single size
- ▶ Proximal traction of soft tissue graft

# Pull, flip, adjust.

# PULLUP®

**Solution for femoral fixation of knee ligament repairs:**

**Reproducible**

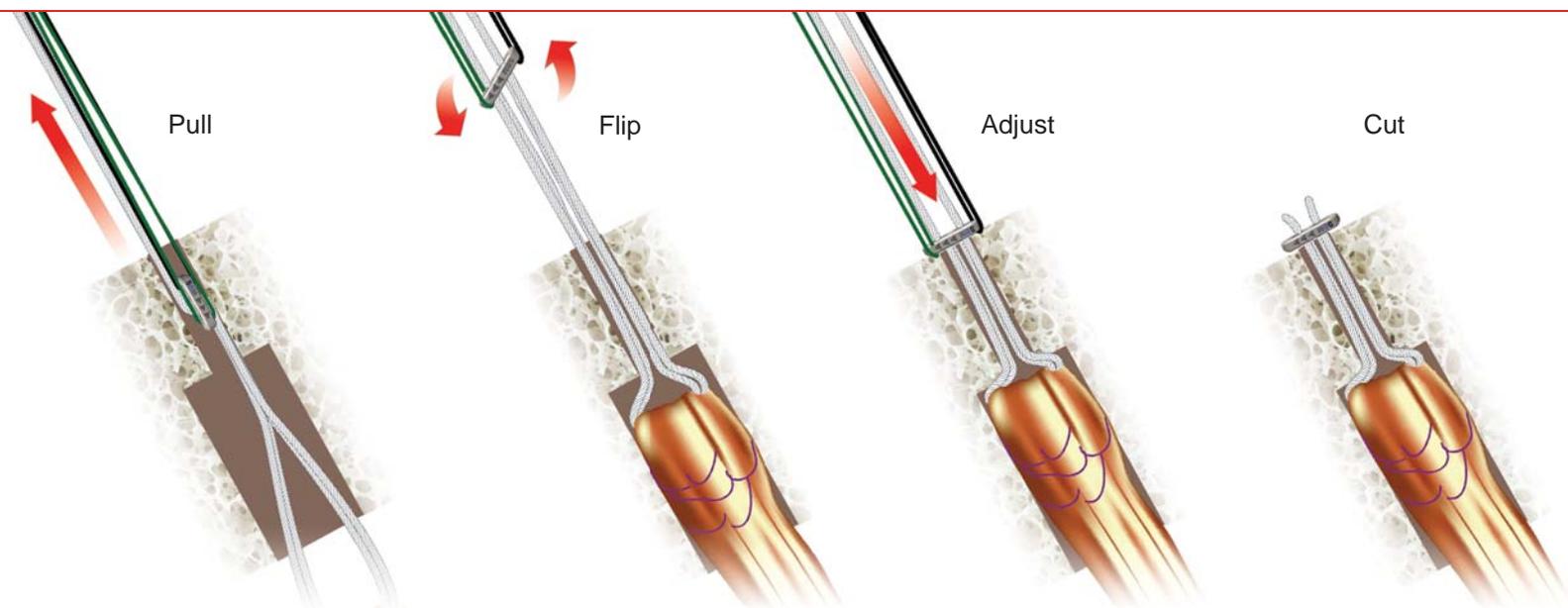
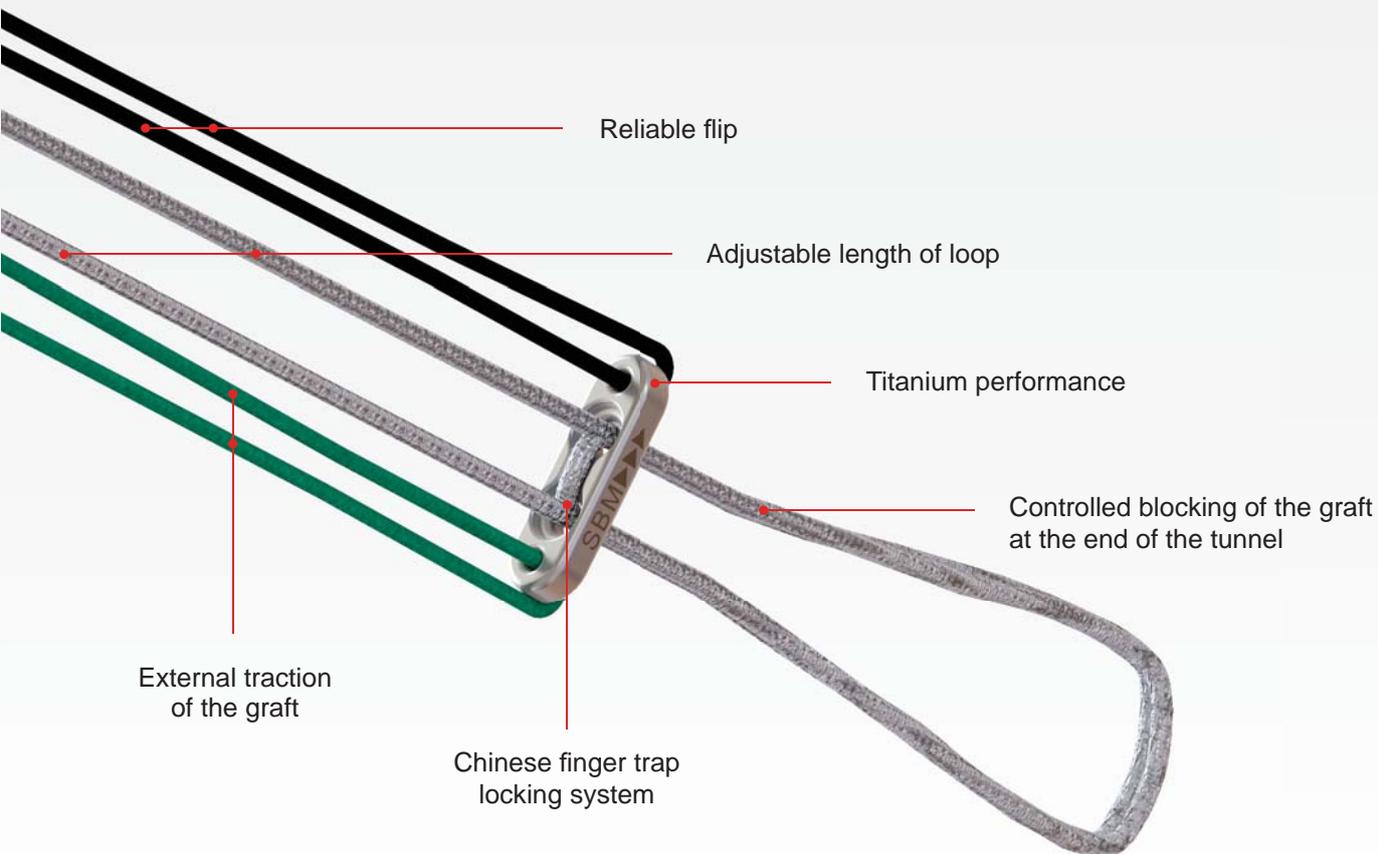
Controlled locking at blind tunnel endstop, conservation of bone stock

**Simple**

No pre-op planning of tunnel length, perioperative adjustment

**Reliable**

Stable locking system, renowned materials

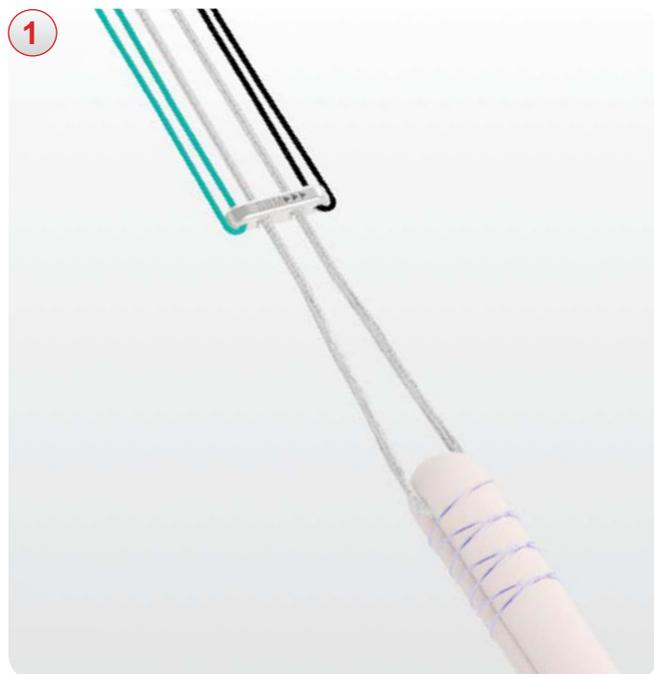


# Surgical technique



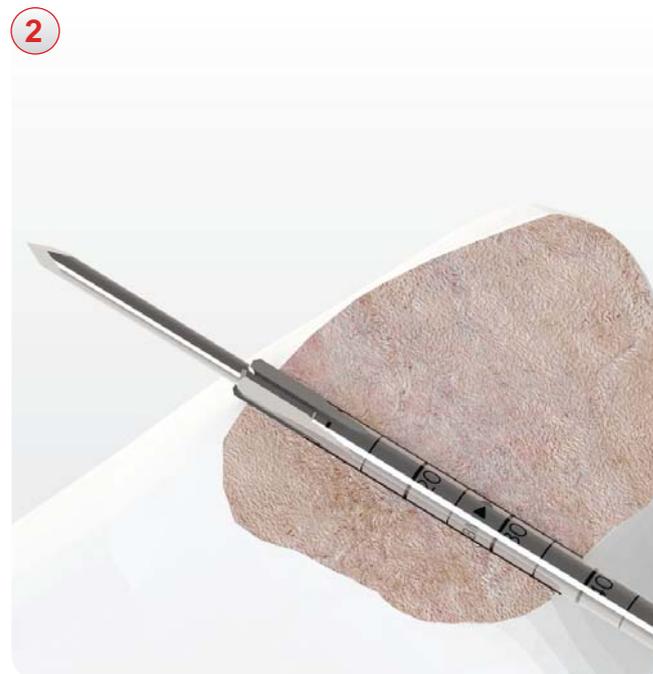
Watch the video

## Pullup<sup>®</sup> fixation characteristics:



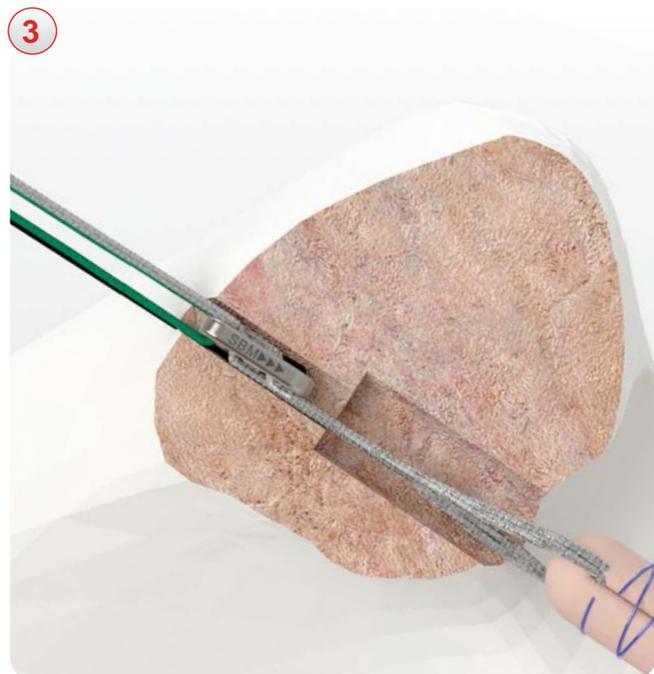
### Implant-graft fixation

Harvest and clean the graft.  
Remove the Pullup<sup>®</sup> implant from its holder by simultaneously pulling on the two white loops.  
Introduce the two ligaments through the two implant loops then fold back and suture the graft.



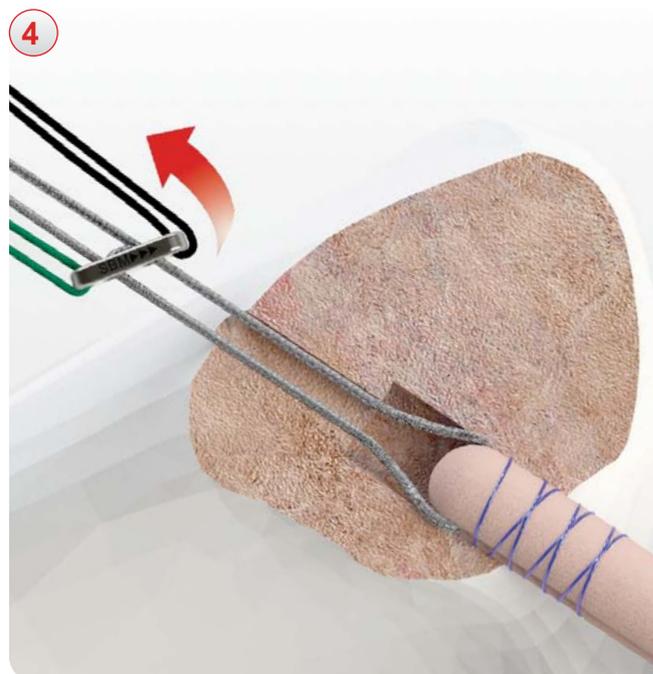
### Drilling the femoral tunnel

Position an Ø 2.5 mm eyelet pin in the femur and push it until it appears beneath the surface of the skin. Perform an incision.  
Drill with the Ø 4.5 mm cannulated drill bit until the external cortex is penetrated through.  
Next, drill a blind tunnel to the desired length (15 mm minimum) corresponding to the graft diameter.



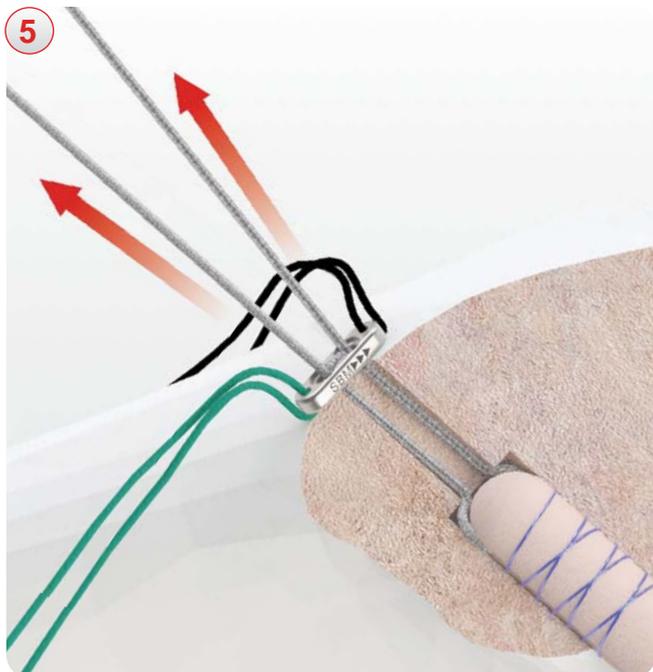
### Preparing graft placement

Use an eyelet guidepin to pass a passing suture through the femoral tunnel. Pass all the implant threads through the passing suture.  
Pull all the threads using the passing suture and recover the green thread in order to pull the implant through the cortical bone.



### Flipping the implant

Flip the plate by pulling the black thread.



### Locking the fixation

Pull alternately on the white implant threads until they lock.  
Check for stability under arthroscopic control.



### Removing the threads

Cut the white implant threads with the cutting pliers.  
Remove the green and black threads by pulling on one end of each.  
Fix the graft at the tibial level with a Ligafix® 60 interference screw.

## Ordering information

### PULLUP® system for ACL reconstruction

Codes	Designation	Packaging
PULLU01201	PULLUP® plate for $\varnothing$ 4.5 mm cortical tunnel with braided sutures	1

### PULLUP® instruments for ACL reconstruction

Codes	Designation	Packaging
PULL000255	$\varnothing$ 4.5 mm cannulated drill bit	1
PULL000219	PULLUP® cutting pliers	1

## About SBM

SBM (Science for BioMaterials) has been specialized in the design, the manufacture and the distribution of biomaterials for bone surgery since 1991. The company's priority is the development and optimization of medical devices that favor bone healing and human tissue replacement.

By completely controlling its technique in biomaterials, the company elaborates a range of innovative, 100% synthetic and absorbable systems associated with adapted ancillary instrumentation.

Firmly established on the French domestic market, SBM has expanded its activities abroad in over 40 countries, for the sale and development of new products, to better meet the demands of the medical industry worldwide.



**SBM SAS**

CE  
0459

ISO 13485

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