

SURGICAL TECHNIQUE

COLINK Adjustable Fixation Device

- *Overview & Application*

ORTHO-DESIGN

ORTHOPAEDIC INNOVATION

At Ortho-design™ we strive to create innovative medical devices and implants that allow medical professionals to provide optimum patient care. Ortho-design™ aims at bridging the gap between innovation, ease of use and affordability in the rapidly evolving medical field. Our team of specialised engineers work alongside surgeons to create modern and effective health care products for all types of patients.

Our **mission** is aligned with South Africa's need for quality, locally manufactured products that perform at the highest standards. Using interdisciplinary skills, from medical professionals to certified manufacturers, we provide our customers with the ultimate solution.

Ortho-design™ is focused on using inter-disciplinary knowledge to create the most innovative, efficient and feasible medical solutions.

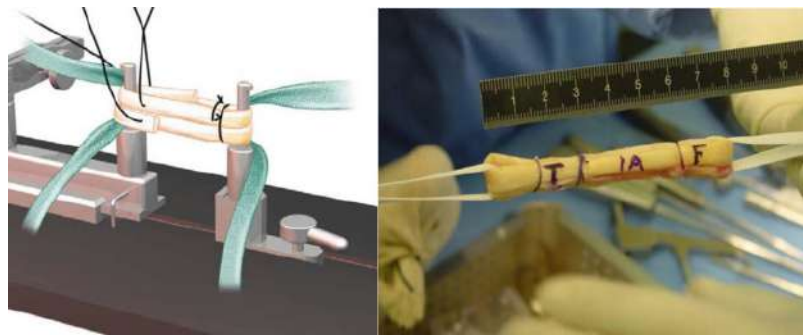
All our products are designed in conjunction with surgeons specialised in the particular field. Our R&D department provides several consulting partnerships with medical professionals to create innovatively engineered, yet user friendly biomedical devices.

Ortho-Design™ COLINK Adjustable Fixation Device Surgical Technique

COLINK Adjustable fixation device offers leading strength and incorporates a unique cradle design to help protect the graft during loop reduction. Ideal for primary or auxiliary fixation during ACL and PCL reconstruction techniques. Preloaded with UHMWPE suture and flipping suture for added procedure efficiency. The adjustable loop can be used in Single-Bundle soft tissue fixation; Double-Bundle soft tissue fixation; Bone-Tendon-Bone fixation of any size.

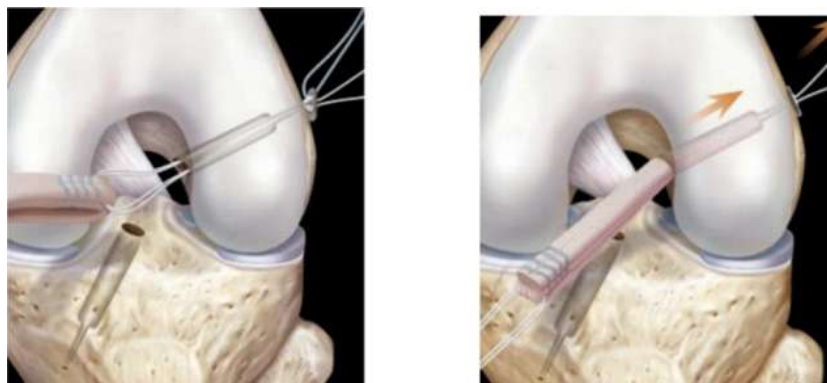
1 LIGAMENT PREPARATION

Ligament is prepped on the graft table with the suspensory device that indicates the ligament length with a measuring tool on the base plate.



2 GUIDING THE LIGAMENT

The Ligament and the device are guided through the tunnels using the flipping suture and added suture passing instrumentation.

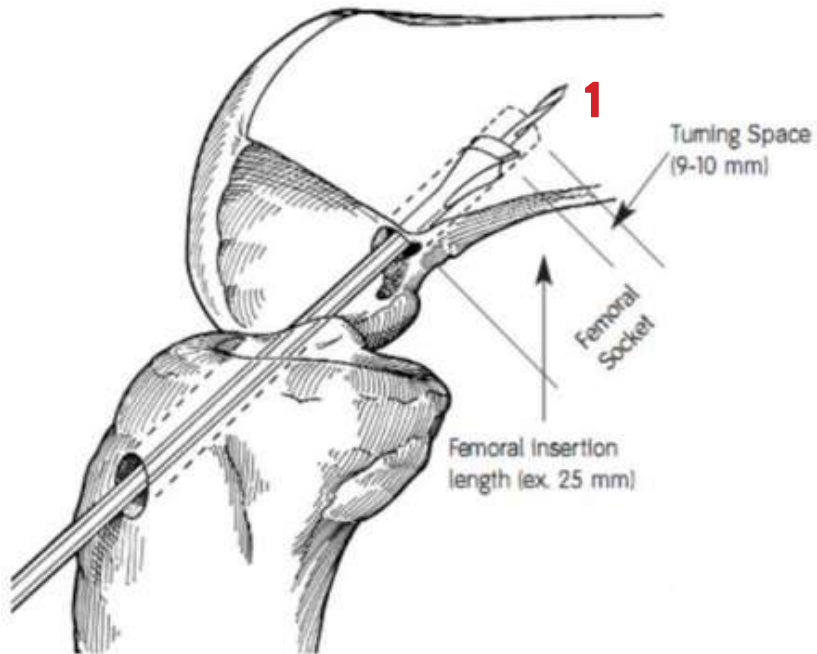


3 INSERTION AND CONNECTION

Femoral tunnel has 2 parts: insertion & connection

A k-wire is drilled at the desired position to indicate the femoral tunnel.

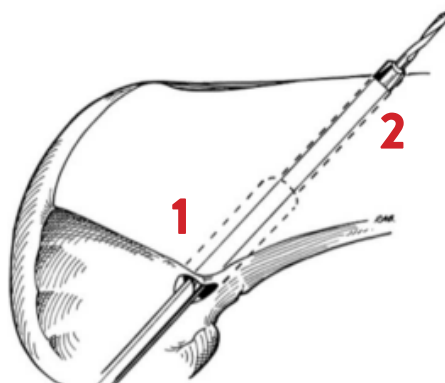
1. The insertion femoral tunnel is then drilled over the guide wire until desired depth is achieved. The size of this tunnel is determined by the graft diameter.



Femoral tunnel length – desired
graft insertion length = loop length

Insertion tunnel length should be 10mm more than the desired graft insertion length.

2. A connection tunnel is then drilled using a cannulated drill (4.7mm - 5mm).



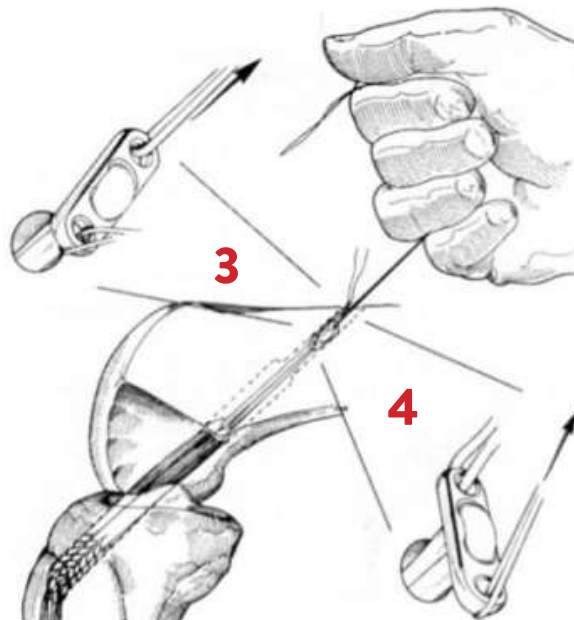
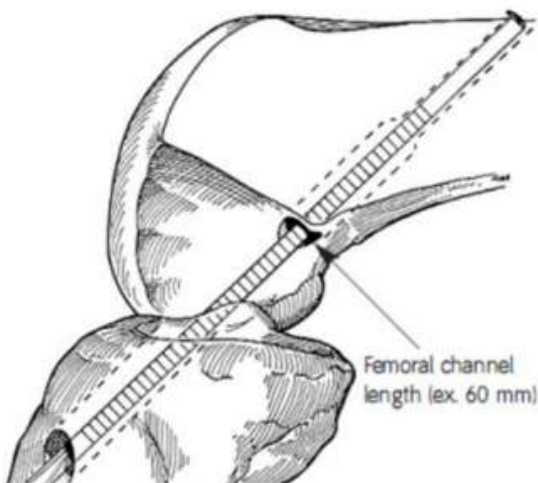
4 THREADING AND FLIPPING

3. After the connection tunnel has been drilled, use the flipping sutures to guide the CoLink button through the femur.

4. Once threaded all the way, the button can be flipped and cortical fixation is ensured.

If the tunnel length is 60mm,

- The desired insertion length is 40mm
- Then the loop length should be 20mm
- The insertion tunnel should be 50mm long



Manufactured by



INSTRUMENTATION

Item Code	Item Name
T067231	Screwdriver
T067221	Screwdriver Hammer
T067215	5.5mm Aimer
T067216	6.5mm Aimer
T067236	6mm Drill
T067237	7mm Drill
T067238	8mm Drill
T067239	9mm Drill
T067240	10mm Drill
T067241	11mm Drill
INS6210FT	Flower Tip Drill Tool, 6 x 210mm, Cannulated 2.4mm
INS7210FT	Flower Tip Drill Tool, 7 x 210mm, Cannulated 2.4mm
INS8210FT	Flower Tip Drill Tool, 8 x 210mm, Cannulated 2.4mm
INS9210FT	Flower Tip Drill Tool, 9 x 210mm, Cannulated 2.4mm
INS10210FT	Flower Tip Drill Tool, 10 x 210mm, Cannulated 2.4mm
INS47210FT	Flower Tip Drill Tool, 4.7 x 210mm, Shaft 2.4mm
BAK-7118	ON Button Drill Reamer 4.7mm
T067245	Tibial Guide
T067254	Pin 1.2mm L350mm
T067253	Eyeloop pin 2.4mm L250mm
T067250	Sizing Plate
T067255	Stripper
S253060T	Retro-Link Drill 4.5 x 6mm
S253065T	Retro-Link Drill 4.5 x 6.5mm
S253070T	Retro-Link Drill 4.5 x 7mm
S253075T	Retro-Link Drill 4.5 x 7.5mm
S253080T	Retro-Link Drill 4.5 x 8mm
S253085T	Retro-Link Drill 4.5 x 8.5mm
S253090T	Retro-Link Drill 4.5 x 9mm
S253095T	Retro-Link Drill 4.5 x 9.5mm
S253100T	Retro-Link Drill 4.5 x 10mm
S253110T	Retro-Link Drill 6 x 11mm
S253001T	Stepped Bullet, 4.5mm
S253003T	Bullet Sleeve 2.4mm
S253200T	Acl Femoral Arm, Right
S253201T	Acl Femoral Arm, Left
S253800T	Guide Body

COLINK ADJUSTABLE FIXATION DEVICE

Item Code	Item Name
TEK-OBAL-80	COLINK Adjustable Fixation Device
BAK-7069	COLINK Graft Prep Station
	Button Holder with Scale
	Graft Grasper Clamp - Right
	Graft Grasper Clamp - Left
	Suture Holder with Tensioner



T: 012 807 5172
www.ortho-design.com
info@ortho-design.co.za

