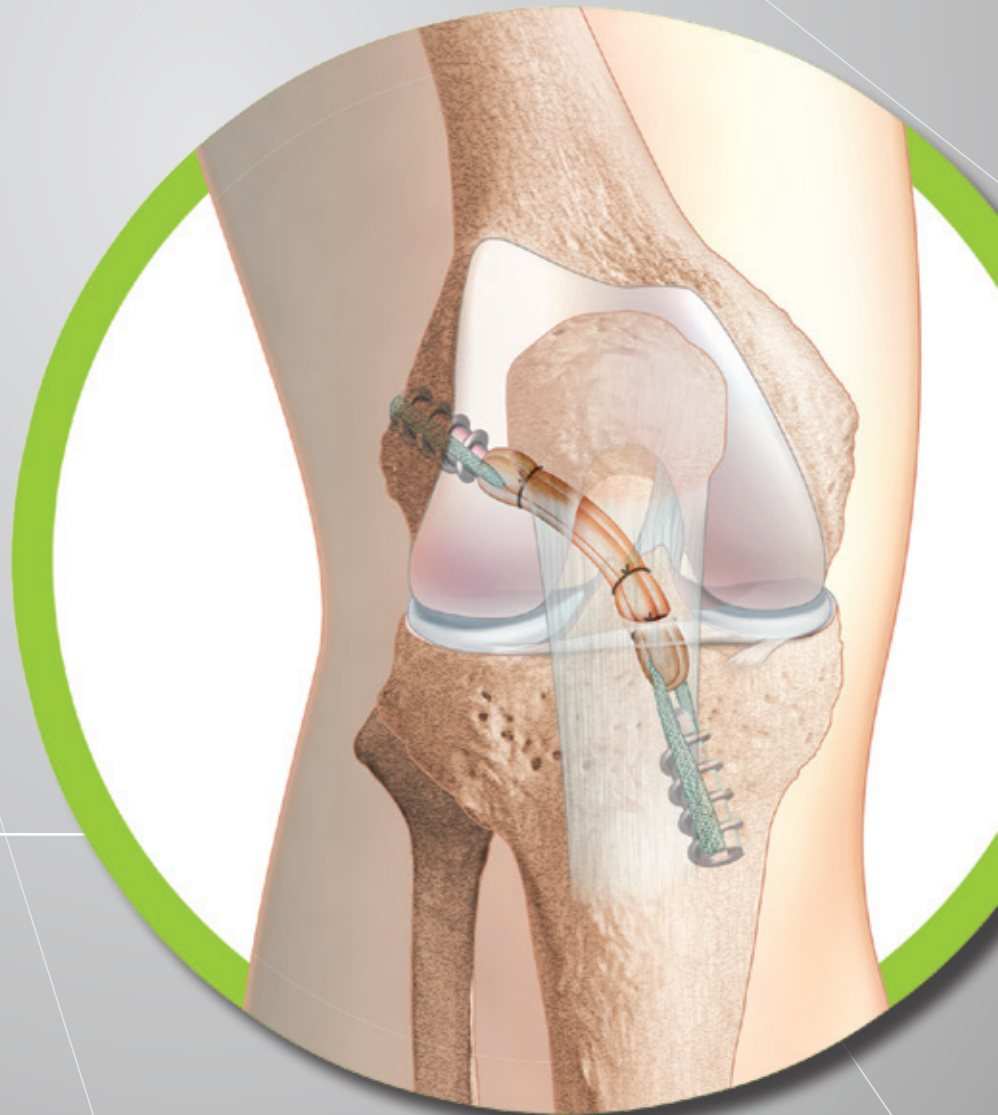


T L S[®]

T a p e L o c k i n g S c r e w

All inside - Short Graft - ST4

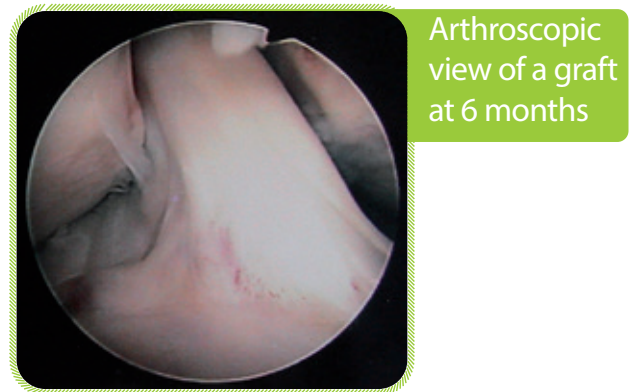
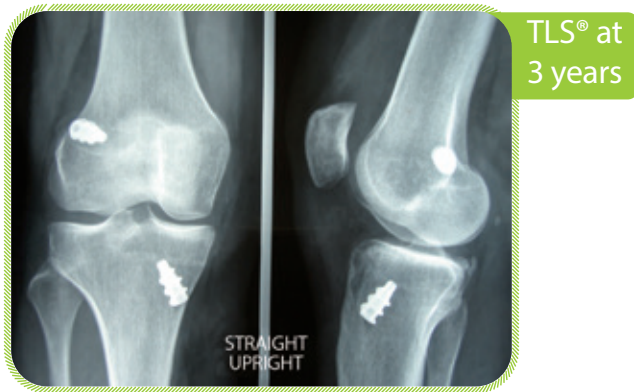


Principles of the TLS[®] system

- >> Single HS (semitendinosus) tendon harvested
- >> Graft quadrupled = strongest construct
- >> No wasted tendon in bone tunnels
- >> Graft suspended by non-elastic tapes
- >> Tapes secured in bone by screws
- >> Graft pretensioned to reduce post implantation tension loss

Benefits of the TLS[®] system

- >> ACL reconstruction



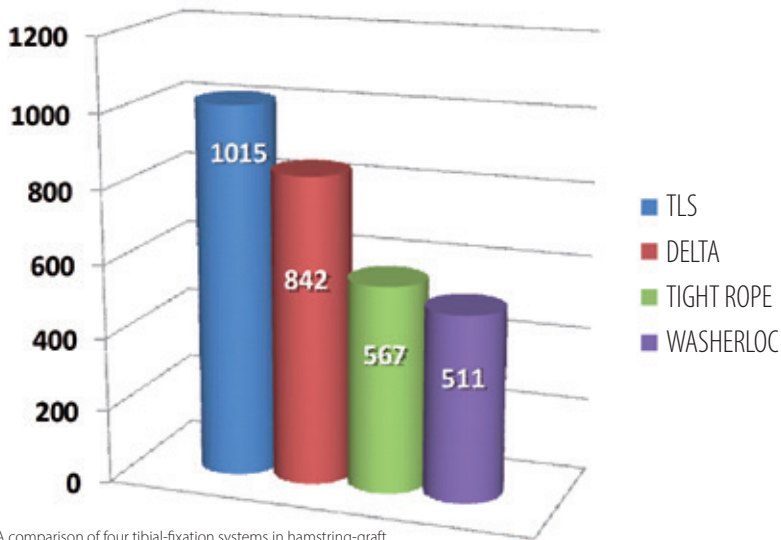
Reproducible technique



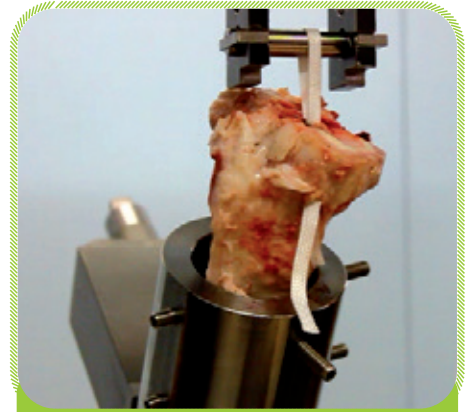


Proven results

Maximum pullout strength - tibial fixation



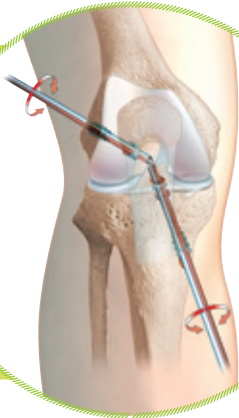
A comparison of four tibial-fixation systems in hamstring-graft anterior ligament reconstruction / Eur J Orthop Surg Traumatol DOI 10.1007/s00590-014-1473-5



Comparative studies have shown the superior resistance strength of the TLS[®] fixation, which is almost equal to the native ACL resistance strength.

Harvesting only the semitendinosus tendon and pretensioning the graft up to 300 Newtons, the TLS[®] is designed to minimize post-implantation laxity,

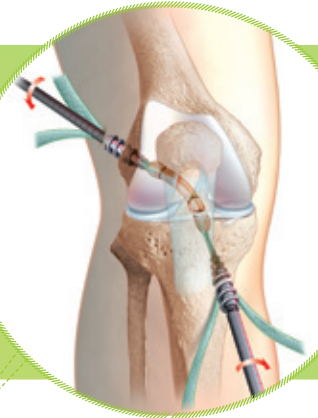
eliminate tissue waste, and allow the patient to begin to restore mobility and range of motion, with no splint or brace, within 24 hours.



>> Creation of short femoral and tibial recesses to preserve bone stock



>> Graft positioned using "all inside" technique



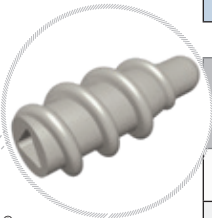
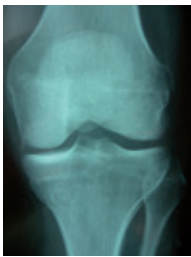
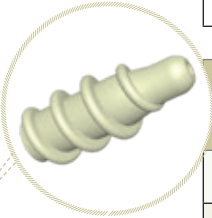
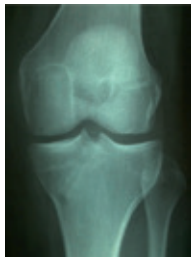
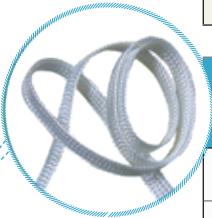



>> Inserting screws

TLS® Implants

The TLS® fixation systems include a tape and a fixation screw.

Implant list

 <p>CE 0459</p> <p>>> Anodised titanium screw</p>	TITANIUM SCREW		PRODUCT REFERENCE		
	TLS® TENDON ANCHORING SCREW Ø 10mm LG 20mm		253 569		
	TLS® TENDON ANCHORING SCREW Ø 10mm LG 25mm		248 853		
	TLS® TENDON ANCHORING SCREW Ø 12mm LG 20mm		264 274		
	SCREWDRIVER FOR TLS® TITANIUM		254 599		
 <p>CE 0459</p> <p>>> Peek® screw, radiolucent</p>	PEEK SCREW		PRODUCT REFERENCE		
	TLS® TENDON ANCHORING SCREW PEEK Ø 10mm LG 20mm		263 653		
	TLS® TENDON ANCHORING SCREW PEEK Ø 10mm LG 25mm		263 654		
	SCREWDRIVER FOR TLS® PEEK		263 783		
 <p>CE 2797</p> <p>>> Bio-C screw</p>	BIO C SCREW		PRODUCT REFERENCE		
	TLS® TENDON ANCHORING SCREW BIO-C Ø 10mm LG 20mm		264 648		
	TLS® TENDON ANCHORING SCREW BIO-C Ø 10mm LG 25mm		264 649		
	SCREWDRIVER FOR TLS® BIO-C		264 650		
	GUIDE PIN FOR TLS® BIO-C SCREW Ø 1,2		264 651		
 <p>CE 0459</p> <p>>> Polyethylene terephthalate anchoring tape</p>	ANCHORING STRIP		PRODUCT REFERENCE		
	TLS® TENDON ANCHORING TAPE (x2)		265 746		
	TLS® TENDON ANCHORING TAPE (x1)		256 193		

March 2023 - **Manufacturers:** TLS Titanium and Peek / TLS tendon anchoring tape : FH industrie / TLS Bio-C: Teknimed S.A.S - 8, rue du Corps Franc Pommiers - 65500 Vic en Bigorre - France - **Range:** Sports Medicine - **Name product:** TLS - For professional healthcare - **DM class:** TLS Titanium and Peek: class IIb / TLS Bio-C: class III / TLS tendon anchoring Tape : Class IIb - **Indications:** ACL rupture -  **Instructions for use:** label and instructions for use must be read **Sources :** A comparison of four tibial-fixation systems in hamstring-graft anterior ligament reconstruction / Eur J Orthop Surg Traumatol DOI 10.1007/s00590-014-1473-5



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