

 smith&nephew

ENDOBUTTON[®]

Family of Fixation Devices

Often imitated, never equaled.
The gold standard for femoral fixation.



Now offering
10 mm

ENDOBUTTON® CL ULTRA Fixation Device

Endobutton CL ULTRA is the trusted choice for femoral fixation among surgeons who perform ACL reconstruction. Ideal for anatomic or traditional ACL reconstruction techniques.

Efficient

Preloaded with ULTRABRAID® #5 lead suture (white) and DURABRAID® #5 flipping suture (green) for added procedure efficiency.

Accommodates various tunnel lengths

One size titanium button is available with multiple, pre-measured loop sizes – including 10 mm to accommodate the shorter femoral tunnels commonly found in anatomic ACL reconstruction techniques, and to maximize the amount of graft in the tunnel.

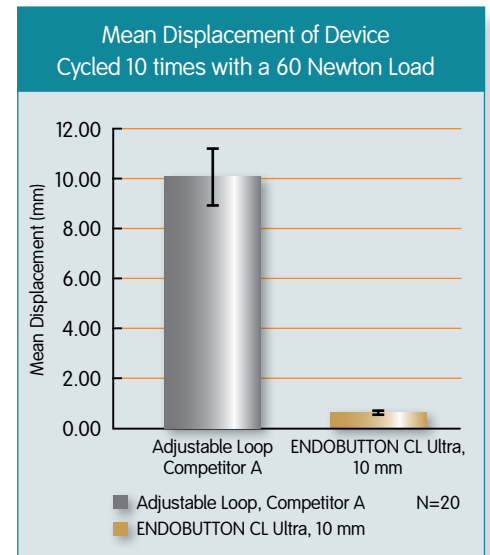
Unique tactile “flipping” feedback

Ensures proper seating of device

Strength and stiffness for a secure repair

Unlike adjustable loop suspensory fixation devices the ENDOBUTTON CL ULTRA does not require adjustments after fixation.

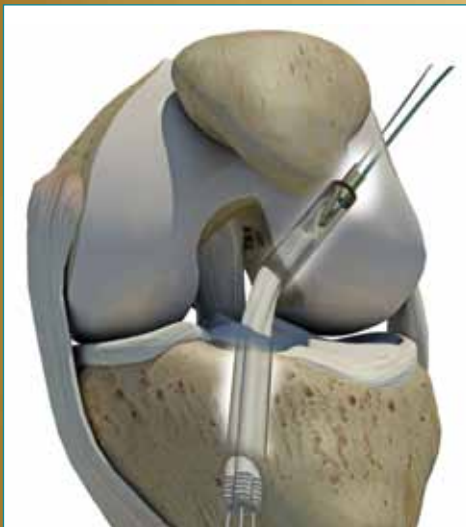
Mean displacement for ENDOBUTTON CL ULTRA Fixation Device and leading adjustable loop device¹



A statistical comparison of mean displacement and final distance between device groups was performed. The results demonstrated significantly less displacement for the ENDOBUTTON CL ULTRA device (0.58 mm versus 9.95 mm for the adjustable loop; $p < 0.05$). Furthermore, the mean distance from the button to the top of the hook for the devices was 8.93 mm and 14.61 mm, respectively ($p < 0.05$). This evidence suggests that ENDOBUTTON CL ULTRA does not elongate under load, which could serve to maintain tension.

1. Data on file at Smith & Nephew, ITR 15001530.

Easy technique without the need for adjustment after fixation



Since its introduction in 1993, the ENDOBUTTON® Fixation Device and its associated “flipping” technique have become the trusted choice and market-leading femoral fixation solution for surgeons who perform ACL reconstruction.

Smith & Nephew has continued to develop the ENDOBUTTON family of fixation devices to meet your evolving needs, most recently adding the 10 mm ENDOBUTTON CL ULTRA device, the 15 mm ENDOBUTTON CL BTB and the redesigned ENDOBUTTON DIRECT Device. As your tunnels become more anatomic, so do our implants. While some competitors may offer solutions that look like an ENDOBUTTON device, few have pioneered so many improvements in ACL reconstruction.

- Clinically proven
Supported by nearly 20 years of clinical success and more than 20 peer-reviewed journal articles
- Strong cortical fixation
Provides dependable fixation regardless of cancellous bone quality
- Unique tactile “flipping” feedback
Ensures proper seating of device
- Complete line
Accommodates various graft options and repair techniques
- Hassle-free revision surgeries
Standard technique allows for endoscopic revision without lateral incision and bone removal
- Truly endoscopic procedure
Does not require a second incision

ENDOBUTTON® DIRECT
Fixation Device



ENDOBUTTON® CL BTB
Fixation Device



XTENDOBUTTON®
Fixation Device



New
Design

ENDOBUTTON[®] DIRECT Fixation Device

This titanium ENDOBUTTON device maximizes the amount of graft in the tunnel, an ideal solution for accommodating shorter femoral tunnels that result from more anatomic placement.

Designed without a continuous loop of suture

Graft affixes directly to button, maximizing the amount of graft in the tunnel

Utilizes one-step drilling

Minimizes the number of steps required

Employs standard flipping technique

Same as other ENDOBUTTON devices

Available in multiple sizes

Accommodates different size grafts 5 mm – 10 mm

New design Material on cross bar and rails has been reduced to allow the graft to sit flatter. The new design requires up to 72% less force to pull graft up tunnel¹

Also now available

ENDOBUTTON DIRECT Fixation Device with Suture

For added procedural efficiency, the ENDOBUTTON DIRECT Fixation Device is available preloaded with ULTRABRAID[®] #5 lead suture (white) and DURABRAID[®] #5 flipping suture (green).



ENDOBUTTON Fixation Device

This titanium button is the original endoscopic femoral soft tissue fixation device, and where the ENDOBUTTON Fixation Device revolution began. It can be used for single incision, soft tissue, or bone-tendon-bone fixation.

ENDOBUTTON[®] CL BTB Fixation Device

ENDOBUTTON CL BTB fixation device provides dependable fixation for bone-tendon-bone ACL reconstruction procedures.

Provides total bone-to-graft contact at the tunnel aperture

Eliminates complications associated with interference screw fixation; divergence; tendon graft laceration and posterior blowout

Available in 15 mm to 60 mm loop lengths



Now offering
15 mm

1. Data on file at Smith & Nephew, ITR 4790.

XTENDOBUTTON[®] Fixation Device

The Smith & Nephew XTENDOBUTTON Fixation Device, used in conjunction with any Smith & Nephew ENDOBUTTON device, allows a 6 mm to 10 mm area of the femoral tunnel to be covered. In addition to providing an effective solution for cortical blowouts, this device offers a variety of benefits to surgeons.



May reduce surgical time

Requires only one primary drill for the entire distance of the femoral tunnel

Low profile fixation for pediatric cases

Allows outside-in drilling to avoid growth plates, while still accommodating standard femoral fixation preference

ENDOBUTTON[®] INDICATOR Selection Device

This reusable device helps you to easily determine what size ENDOBUTTON CL ULTRA Fixation Device to use in your ACL reconstructions. The device takes into account femoral tunnel length, graft depth and drilling depth, and then from this information indicates the appropriate ENDOBUTTON CL ULTRA device size.

Easy to use

Sliding scale and viewing windows make it easy to read the femoral tunnel length and ENDOBUTTON CL ULTRA device size

Calibrated passing pin includes a clearly labeled stop mark for femoral tunnel length



CL Device

Continuous loop of suture eliminates the need for knot tying. Ideal for a post or screw-and-washer technique

Gets more graft in the tunnel

Allows for a larger portion of the graft to reside in the tunnel

Adaptable

Available in six sizes, from 25 mm to 50 mm



Ordering Information

ENDOBUTTON® CL Ultra Fixation Device

| Reference # | Description |
|-------------|---------------------------|
| 72203331 | 10 mm ENDOBUTTON CL ULTRA |
| 72200146 | 15 mm ENDOBUTTON CL ULTRA |
| 72200147 | 20 mm ENDOBUTTON CL ULTRA |
| 72200148 | 25 mm ENDOBUTTON CL ULTRA |
| 72200149 | 30 mm ENDOBUTTON CL ULTRA |
| 72200150 | 35 mm ENDOBUTTON CL ULTRA |
| 72200151 | 40 mm ENDOBUTTON CL ULTRA |
| 72200152 | 45 mm ENDOBUTTON CL ULTRA |
| 72200153 | 50 mm ENDOBUTTON CL ULTRA |
| 72200154 | 55 mm ENDOBUTTON CL ULTRA |
| 72200155 | 60 mm ENDOBUTTON CL ULTRA |

ENDOBUTTON DIRECT Fixation Device

| Reference # | Description |
|-------------|-------------------------------------|
| 72201206 | 5 mm ENDOBUTTON DIRECT |
| 72202980 | 5 mm ENDOBUTTON DIRECT with suture |
| 72201207 | 6 mm ENDOBUTTON DIRECT |
| 72202981 | 6 mm ENDOBUTTON DIRECT with suture |
| 72201208 | 7 mm ENDOBUTTON DIRECT |
| 72202982 | 7 mm ENDOBUTTON DIRECT with suture |
| 72201209 | 8 mm ENDOBUTTON DIRECT |
| 72202983 | 8 mm ENDOBUTTON DIRECT with suture |
| 72201210 | 9 mm ENDOBUTTON DIRECT |
| 72202984 | 9 mm ENDOBUTTON DIRECT with suture |
| 72201211 | 10 mm ENDOBUTTON DIRECT |
| 72202985 | 10 mm ENDOBUTTON DIRECT with suture |
| 72201212 | ENDOBUTTON DIRECT Holder |
| 72201600 | ENDOBUTTON DIRECT Scale |

ENDOBUTTON CL BTB Fixation Device

| Reference # | Description |
|-------------|-------------------------|
| 72203330 | 15 mm ENDOBUTTON CL BTB |
| 7210080 | 20 mm ENDOBUTTON CL BTB |
| 7210081 | 25 mm ENDOBUTTON CL BTB |
| 7210082 | 30 mm ENDOBUTTON CL BTB |
| 7210083 | 35 mm ENDOBUTTON CL BTB |
| 7210084 | 40 mm ENDOBUTTON CL BTB |
| 7210085 | 45 mm ENDOBUTTON CL BTB |
| 7210086 | 50 mm ENDOBUTTON CL BTB |
| 7210087 | 55 mm ENDOBUTTON CL BTB |
| 7210088 | 60 mm ENDOBUTTON CL BTB |

XTENDOBUTTON Fixation Device

| Reference # | Description |
|-------------|------------------------------|
| 72200134 | XTENDOBUTTON Fixation device |

ENDOBUTTON CL Device

| Reference # | Description |
|-------------|--------------------------|
| 72200839 | 25 mm CL Device |
| 72200840 | 30 mm CL Device |
| 72200841 | 35 mm CL Device |
| 72200842 | 40 mm CL Device |
| 72200843 | 45 mm CL Device |
| 72200844 | 50 mm CL Device |
| 013186 | 40 mm x 12 mm ENDOBUTTON |

ENDOBUTTON Indicator Selection Device

| Reference # | Description |
|-------------|----------------------|
| 72202544 | ENDOBUTTON Indicator |

The Indicator can be used with any of the following pins:

| | |
|----------|---|
| 014508 | 2.7 mm x 15", Drill Tip passing pin, sterile, (6 per box) |
| 7208678 | 2.4 mm x 15", Drill Tip passing pin, sterile, single use |
| 7207220 | 2.4 mm x 17", TROCAR-Tip passing pin, sterile, single use |
| 72201594 | 2.4 mm flexible passing pins, sterile (5 per box) |

ENDOBUTTON Accessories

| Reference # | Description |
|-----------------------------------|---|
| 014868 | ENDOBUTTON tape |
| 015185 | ENDOBUTTON Depth Probe |
| 77209951 | Adjustable Knob for Depth Probe |
| 72202799 | 1.2 ENDOBUTTON CL ULTRA Pac |
| Contains 1 each of the following: | |
| | ENDOBUTTON CL Sizing Chart |
| 01384 | Cannulated Endoscopic Drill, 4.5 mm |
| 7207221 | 2.4 mm Drill Tip Guide Wire |
| 72202009 | 2.7 mm x 15" Drill Tip Passing Pin |
| 7211138 | 1.2 mm x 12" Guide Wire (5 per box) |
| 014477 | Cannulated Bone Tunnel Plug, latex free |
| 72200948 | TRUKOR Gauge |

ENDOBUTTON Drills

| Reference # | Description |
|-------------|------------------------------|
| 7207315 | 4.5 mm Cannulated Drill |
| 72202971 | 4.5 mm Clancy Flexible Drill |

