



ORTHOBUTTON CL[®]

UHMWPE Suture Loop



PORTLAND, OR USA
www.rpmed.com

OrthoButton CL[®]

UHMWPE Nonabsorbable Suture Loop

The OrthoButton CL[®] is Born.

Riverpoint Medical has developed the **OrthoButton CL[®]**; a product that is projected to have comparable strength to similar devices indicated for anterior cruciate ligament (ACL) femoral cortical fixation repair. The **OrthoButton CL[®]** consists of an HS Fiber[®] (UHMWPE) loop, combined with a titanium plate (button).

The OrthoButton CL[®] Advantage

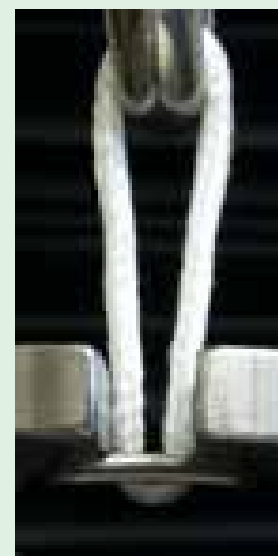
We analyzed comparative loop and button strength using cyclical tension and static (ultimate) load testing. Cyclic tension testing was performed using an Electromechanical Dynamic Testing System at a 1000N force. Ultimate load failure was determined using an Electromechanical Dynamic Testing System.

The Strength & Reliability

Cyclic and Ultimate Load Strength

Test Article	Loop Size	Test Method	Failure Mode	
ENDOBUTTON CL	15 mm	Cyclic Tension (1000 N)	27 Cycles	Loop
ORTHOBUTTON CL	20 mm	Cyclic Tension (1000 N)	25737 Cycles	Button
ENDOBUTTON CL	30 mm	Cyclic Tension (1000 N)	116 Cycles	Loop
ORTHOBUTTON CL	20 mm	Ultimate Load	1680 N	Button
ENDOBUTTON CL	30 mm	Ultimate Load	1124 N	Loop

*This study was produced by Riverpoint Medical, LLC. Data on file.



“Unparalleled Strength”