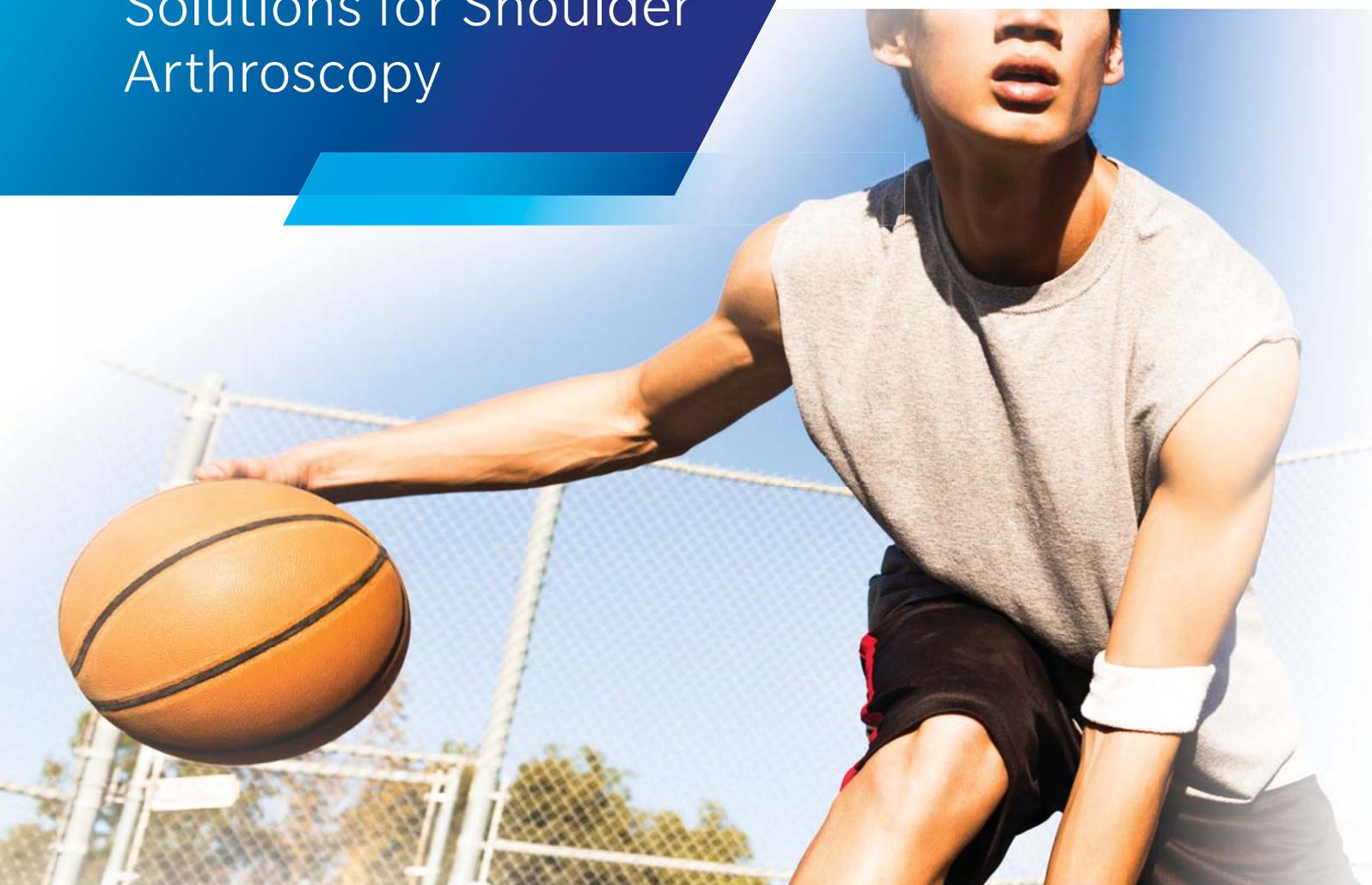


Solutions for Shoulder Arthroscopy



ZIMMER BIOMET
Your progress. Our promise.®

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Rotator Cuff Repair Solutions



Rotator Cuff Repair Solutions

Quattro® Link Knotless Anchors, 4.5 mm, 5.5 mm

The Quattro Link knotless anchor design brings control and efficiency to soft tissue repair. Its unique suture eyelet design allows for control in tensioning and accepts multiple sutures to accommodate all types of tears. The vented PEEK-OPTIMA body design creates a strong, stable and reliable platform for optimal tissue-to-bone healing. **1 pirkimo dalis, reikalavimas 1.2. Implantu medžiaga PEEK**

- **Surgeon- Controlled Tensioning:** Individually tension each suture strand, reverse tension (if necessary) and deploy without over-tensioning Quattro Link
- **Efficient:** Due to the ability to easily accept multiple suture limbs, on average one less anchor is used per case, which reduces cost per procedure and OR time without compromising the quality of patient outcomes
- **Versatile:** Indicated to easily accept 8 suture limbs (industry standard is 2 limbs) and is compatible with various suture configurations
- **Strong, Reliable Repair:** 519N pull-out strength, superior knotless fixation compared to other push in knotless anchors¹
- **PEEK-OPTIMA Technology:** Provides optimal and consistent healing environment
- **Self-Punching Tip Option:** Titanium tip attached to the body of the anchor allows for a fast and secure repair option without disrupting post-operative imaging



Implants

Reference	Description
CM-9145	Quattro Link Knotless Anchor 4.5mm
CM-9145SP	Quattro Link SP Knotless Anchor 4.5mm, Metal Tip
CM-9155	Quattro Link Knotless Anchor 5.5mm

**1 pirkimo dalis, reikalavimas nr. 1.5
Inkaro diametras 4,5mm**

Instruments

Reference	Description
CM-9100	Awl - for 4.5mm & 5.5mm Quattro Link Knotless Anchor

Rotator Cuff Repair – Knotless Anchor Systems

Quattro Link Knotless Anchors – 4.5 mm, 4.5 mm SP, & 5.5 mm

Features

- The eyelet cleat feature allows tension to be set, held, reversed (if necessary), and maintained during anchor deployment
- Internal cleat mechanism locks suture inside of the anchor during final deployment, in addition to interference fit with bone
- Indicated to accept up to 8 suture limbs or 6 tape limbs
- The 4.5 mm self-punching Quattro Link Knotless Anchor combines a titanium tip with a PEEK anchor body to allow for fast and efficient deployment

1 pirkimo dalis, reikalavimas 1.7. Galimybė fiksuoti vienu inkaru 8 #2 siūlų galus arba 6 juostų (tape) galus



Quattro Link Knotless Anchors	
CM-9145	4.5 mm
CM-9145SP	4.5 mm, SP Metal Tip
CM-9155	5.5 mm

Reusable Instruments	
CM-9100	Awl, 4.5 mm & 5.5 mm
CM-9130	Drill, 4.5/5.5 mm
CM-9138	Hard Bone Drill, 4.5 mm
CM-9148	Hard Bone Drill, 5.5 mm

Educational Materials

Ref. Number	Description
1479.1-US-en	Quattro Shoulder System Surgical Technique
70330 Rev A	White Paper – Biomechanical Pullout Strength Of Quattro X and Quattro Link Anchors
1530.1-GLBL-en	Complete Shoulder Solutions Flyer

Sample Products

Part Number	Description
MK7007804	4.5 mm Quattro Link Anchor with Inserter Sample
MK70399	4.5 mm Quattro Link Anchor ONLY (2 Pack)
MK7007806	4.5 mm SP Quattro Link Anchor with Inserter Sample
MK70402	4.5 mm SP Quattro Link Anchor ONLY (2 Pack)
MK7007805	5.5 mm Quattro Link Anchor with Inserter Sample

EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

No. CE 521955
Issued To: Cayenne Medical, Inc.
16597 N. 92nd St., Suite 101
Scottsdale
Arizona
85260
USA

In respect of:

1 pirkimo dalis, reikalavimas 1.1. Sterilioje pakuotėje

The design, development and manufacture of sterile implants for soft tissue repair and/or reconstruction of the shoulder and knee and associated sterile, single use instrumentation.

1 pirkimo dalis, reikalavimas 1.4 Su implantu pateikiamas vienkartinis įvedimo instrumentas

on the basis of our examination of the quality assurance system under the requirements of Council Directive 93/42/EEC, Annex II excluding section 4. The quality assurance system meets the requirements of the directive. For the placing on the market of class III products an Annex II section 4 certificate is required.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 0086):

Stewart Brain, Head of Compliance & Risk -
Medical Devices

First Issued: **2007-10-31**

Date: **2018-01-05**

Expiry Date: **2022-10-30**

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Page 1 of 1

Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.

This certificate was issued electronically and is bound by the conditions of the contract.

EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No: **CE 521955**
Date: **2018-01-05**
Issued To: **Cayenne Medical, Inc.**
16597 N. 92nd St., Suite 101
Scottsdale
Arizona
85260
USA

Subcontractor:

Service(s) supplied

Life Science Outsourcing, Inc.
830 Challenger Street
Brea, CA 92821
USA

Assembly
Labelling
Packaging

Sterigenics
344 Bonnie Circle
Corona
California 92880
USA

Gamma Sterilization

Sterigenics
4900 South Gifford Avenue
Los Angeles
California
90058
USA

ETO Sterilization

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EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

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Issued To: **Cayenne Medical, Inc.**
16597 N. 92nd St., Suite 101
Scottsdale
Arizona
85260
USA

Subcontractor:

Service(s) supplied

Zimmer GmbH
Sulzerallee 8
Winterthur
8404
Switzerland

EU Representative

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EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 521955**
 Date: **2018-01-05**
 Issued To: **Cayenne Medical, Inc.**
16597 N. 92nd St., Suite 101
Scottsdale
Arizona
85260
USA

Date	Reference Number	Action
31 October 2007	-	First issue
23 January 2008	-	Addition of "Upchurch Medical" to the list of significant subcontractors as a manufacturing activity.
16 October 2009	7296929	Scope modification, addition of the CrossFix™ Meniscal Repair System and addition of 4 new subcontractors as follows.iMark Molding for final assembly / manufacture CP Medical for manufacture. Teleflex Medical for manufacture. MRPC for manufacture
12 January 2012	7717130	Extension of scope to include, "the QUATTRO™ Shoulder Repair System and associated instrumentation" and "and sterile CrossFix™ disposable accessory kit."
16 April 2012	7828732	Scope modification, removal of "with inserters".
05 November 2012	7910177	Certificate Renewal. Update to list of significant subcontractors – removal of Quality Tech Services Inc, STERIS Isomedix Services Inc, Midwest Plastic components, Upchurch Medical and CP Medical Inc. Addition of Life Science Outsourcing Inc, IDEX Health and Science, IDEX Health and Sciences LLC Oak Harbor, Symmetry Medical Inc, Symmetry Medical Manufacturing Inc, Orchid MPS, Tegra Medical Costa Rica S.A., Tegra Medical & Symmetry Medical Manufacturing, Inc..

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Page 1 of 2

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 This certificate was issued electronically and is bound by the conditions of the contract.

EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 521955**
 Date: **2018-01-05**
 Issued To: **Cayenne Medical, Inc.**
16597 N. 92nd St., Suite 101
Scottsdale
Arizona
85260
USA

Date	Reference Number	Action
10 January 2017	8426180	Scope update and clarification Addition of 'Sterigenics, 4900 Gifford Avenue, Los Angeles, CA 90058, USA' significant subcontractor for the activity ETO Sterilization Removal of Subcontractors: Idex Health and Science; IDEX Health and Sciences LLC Oak Harbour; Symmetry Medical, Inc.; Symmetry Medical Manufacturing, Inc.; Orchid MPS; Tegra Medical Costa Rica S.A.; Tegra Medical (Franklin and Hernando premises); Spectrum Plastics Group; Orchid Unique; Paragon Medical Inc.; Teleflex Medical; MRPC and iMARK Molding Inc.
Current	8776151	Certificate Renewal. Addition of Zimmer GmbH as significant subcontractor for EU Representative activity.

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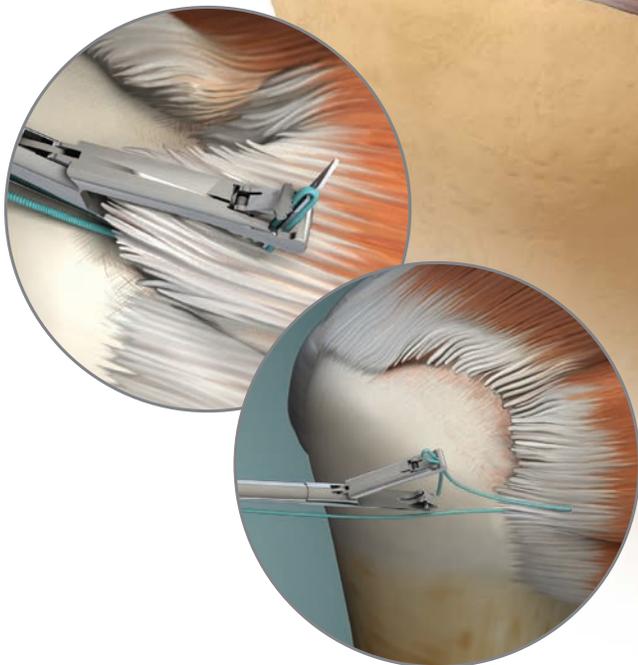
Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.

This certificate was issued electronically and is bound by the conditions of the contract.

Quattro® Shoulder System Innovative Rotator Cuff Solutions

Quattro Link Knotless Anchor – Inverted Matterss Stitch Technique
Quattro X Suture Anchor – Simple Stitch Technique

Surgical Technique

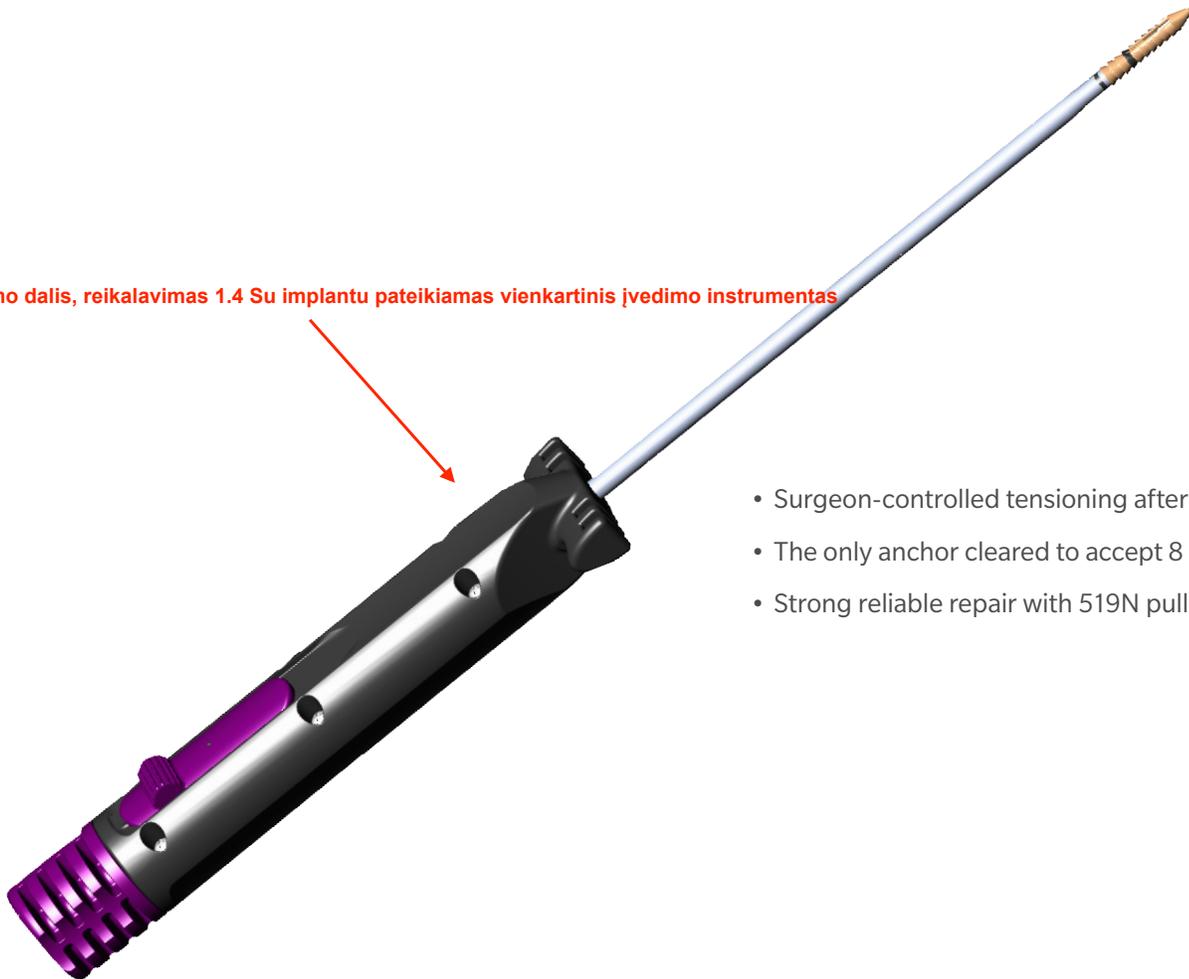


Quattro Link Knotless Anchor

Rotator Cuff Repair – Single Row/Inverted Mattress Stitch

The Quattro Link Knotless Anchors are intended for use for the reattachment of soft tissue to bone for various procedures throughout the body. It has a unique eyelet design that allows independent tensioning of each suture strand based on the characteristics of the rotator cuff tear. The eyelet cleat feature allows tension to be set, held, reversed (if necessary), and maintained during anchor deployment.

1 pirkimo dalis, reikalavimas 1.4 Su implantu pateikiamas vienkartinis įvedimo instrumentas



- Surgeon-controlled tensioning after insertion
- The only anchor cleared to accept 8 suture limbs
- Strong reliable repair with 519N pull out strength*

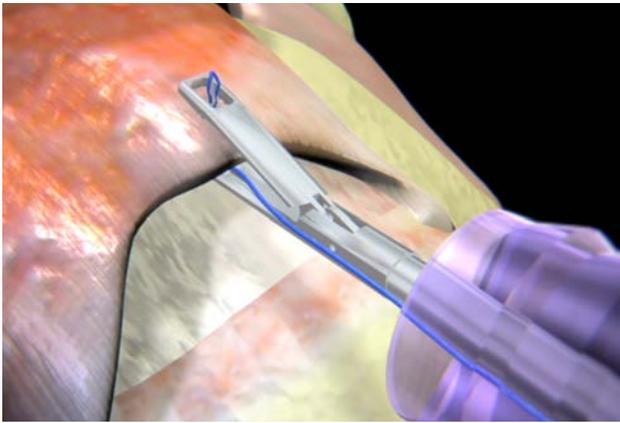


Figure 1

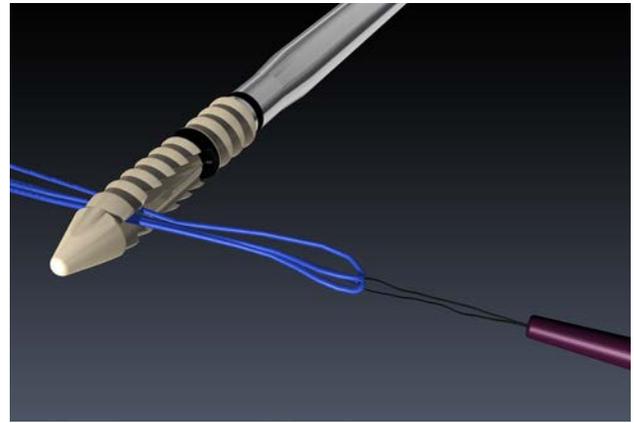


Figure 3

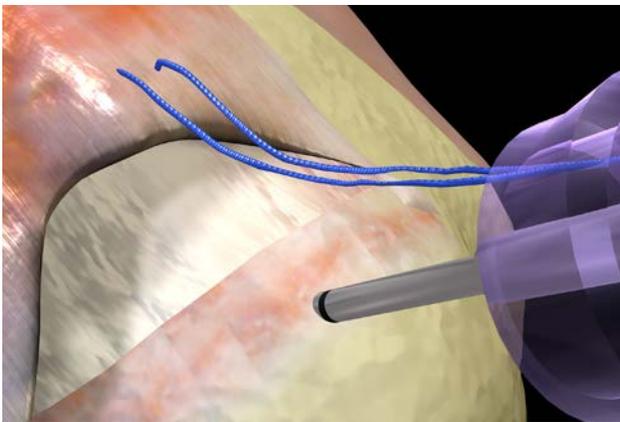


Figure 2

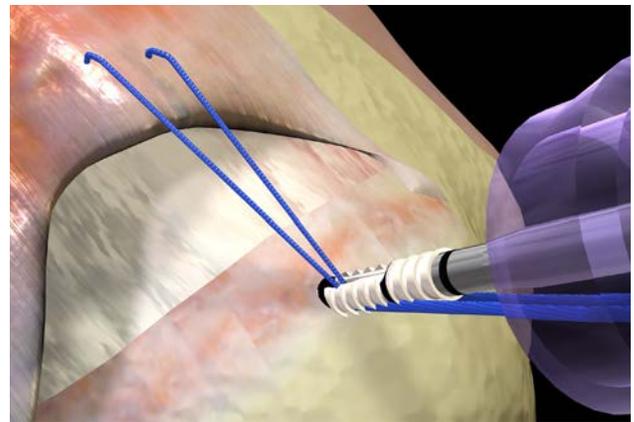


Figure 4

1 pirkimo dalis, reikalavimas 1.7. Galimybė fiksuoti vienu inkaru 8 #2 siūlų galus

Step 1: Pass Suture

Using the Quattro suture passer, pass the desired stitches of #2 Force Fiber® (UHMWPE) high strength suture through the rotator cuff based on the tear location. Retrieve the suture limbs to be loaded into the anchor out of the same cannula (Figure 1).

Step 2: Create Pilot Hole

Create a pilot hole for the anchor by lightly malleting the strike plate on the awl. Advance the awl until the distal edge of the marker band is flush with the bone (Figure 2).

Step 3: Load Suture into Anchor

Place the suture limbs through the suture snare. Pull the snare handle to load the suture limbs through the eyelet of the anchor (Figure 3).

Note: Quattro Link is cleared to accept up to 8 suture limbs.

Step 4: Insert Anchor

Hold light tension on the suture strands outside of the joint space and advance the anchor through the cannula. Once the anchor is through the cannula, release the tension on the suture strands.

The suture strands coming from the tissue should feed directly into the anchor eyelet (not behind or twisted around the anchor). Place the tip of the anchor into the pilot hole (Figure 4).

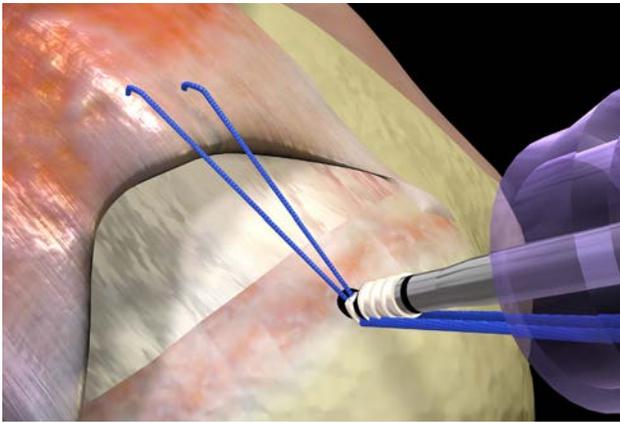


Figure 5



Figure 7

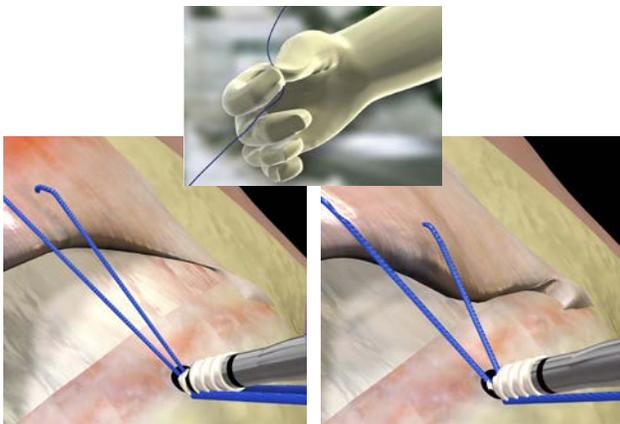


Figure 6

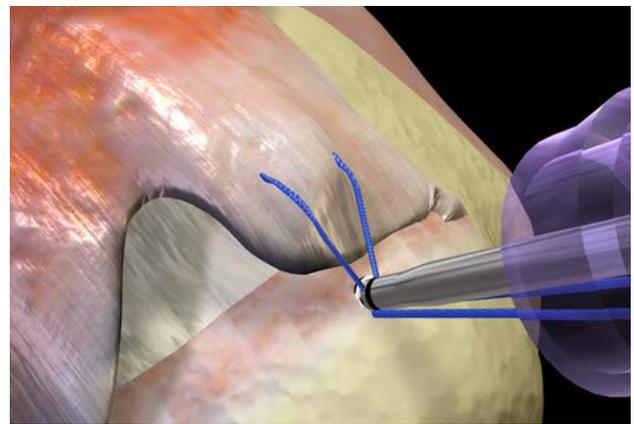


Figure 8

Step 5: Mallet to First Laser Line

1 pirkimo dalis, reikalavimas 1.3. Įvedimo būdas - įkalamas
Mallet the inserter handle to advance the anchor to the distal edge of the 1st Marker Band on the anchor. DO NOT mallet past the 1st horizontal marker band. Proper anchor insertion depth will allow for proper suture tensioning (Figure 5).

Step 6: Tension Suture

While applying forward pressure against the anchor, individually tension each suture strand and release. The Quattro Link Knotless Anchor is uniquely designed to maintain tension without having to manually hold each suture limb (Figure 6).

ⓘ **Note:** If the surgeon feels the suture is over tensioned, tension may be released by using an arthroscopic probe to loosen the suture tension and re-tension.

Step 7: Rotate Post-Tension Knob

Rotate the purple Post Tension Knob clockwise on the inserter handle until it stops (Figure 7).

Step 8: Mallet to Second Laser Line

Mallet the inserter handle until the distal edge of the 2nd Marker Band on the inserter shaft is flush with the bone (Figure 8).

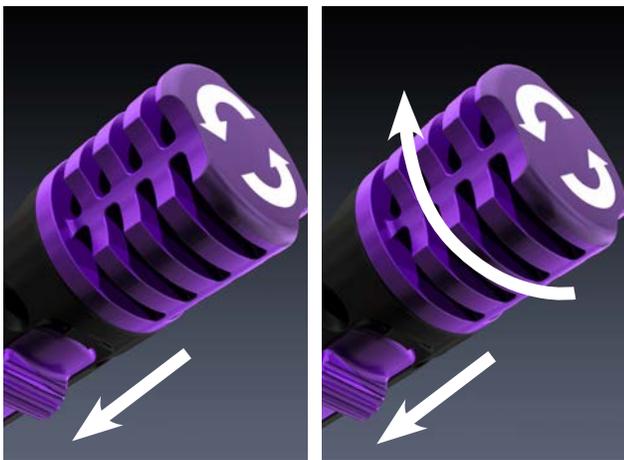


Figure 9

Step 9: Release Inserter

Push and hold down the Anchor Release Slide and rotate the Post Tension Knob clockwise until the inserter releases from the anchor (Figure 9).

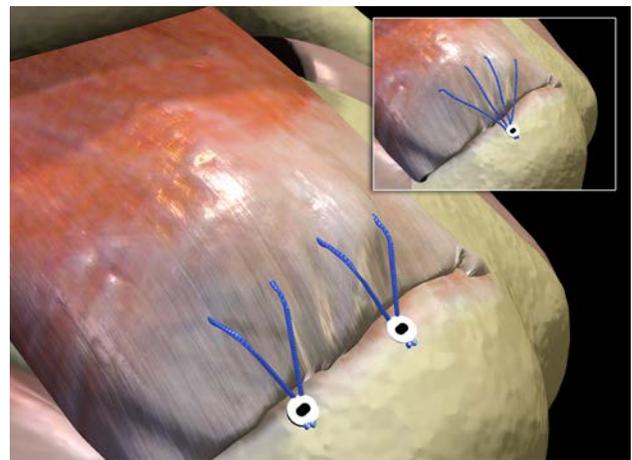


Figure 10

Step 10: Cut Suture

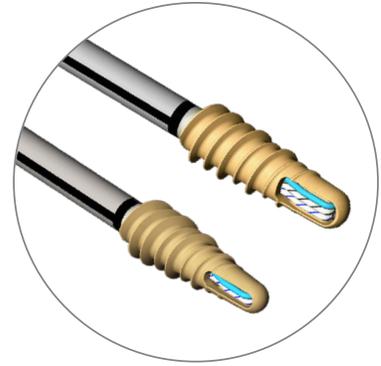
Cut the suture strands with the Quattro Suture Cutter (Figure 10).



**Quattro Link
Knotless Anchor**



**Quattro Link SP
Knotless Anchor**



**Quattro X/X3
Suture Anchor**

Quattro Link Knotless Anchors

CM-9129	Quattro Link Knotless Anchor 2.9 mm
CM-9145	Quattro Link Knotless Anchor 4.5 mm
CM-9145SP	Quattro Link SP Knotless Anchor 4.5 mm, Metal Tip
CM-9155	Quattro Link Knotless Anchor 5.5 mm

Quattro X Suture Anchors

CM-9255	Quattro X Suture Anchor, 5.5 mm pre-loaded with (2) Size 2 Force Fiber Sutures
CM-9255X3	Quattro X3 Suture Anchor, 5.5 mm pre-loaded with (3) Size 2 Force Fiber Sutures
CM-9265	Quattro X Suture Anchor, 6.5 mm pre-loaded with (2) Size 2 Force Fiber Sutures

Quattro Instruments

CM-9010GT	Quattro GT Suture Passer with grasping top jaw
CM-9010	Quattro Suture Passer
CM-9010LS	Lock-Stitch® Suture Passer
CM-9100	Awl – for 4.5 mm & 5.5 mm Quattro Link Knotless Anchor
CM-9200	Awl – for 5.5 mm & 6.5 mm Quattro X Suture Anchor
CM-9201	Tap – for 5.5 mm Quattro X Suture Anchor
CM-9202	Tap – for 6.5 mm Quattro X Suture Anchor
CM-9203	Tap – for 5.5 mm Quattro X3 Suture Anchor

Quattro Accessories

CM-0201	TRU-LINK™ blue braid (nonabsorbable) Size 2 suture
CM-0202	TRU-LINK™ white/blue co-braid (nonabsorbable) Size 2 suture
CM-9011	Suture Passer Needle

Quattro X and X3 Suture Anchors

INDICATIONS FOR USE

The Quattro X and X3 Suture Anchors are intended for use for the reattachment of soft tissue to bone for Rotator Cuff Repairs.

CONTRAINDICATIONS

1. Surgical procedures other than those listed in the INDICATIONS section.
2. Presence of infection.
3. Patient conditions including insufficient or immature bone.
4. Insufficient blood supply or previous infections which may hinder the healing process.
5. Foreign body sensitivity. If material sensitivity is suspected, testing should be completed prior to device implantation.
6. The physician should carefully assess the device within immature bone.
7. The placement of this device should not impact or disrupt the growth plate.
8. Conditions which may limit the patient's ability or willingness to follow postoperative care instructions.

Quattro Link Knotless Anchor

INDICATIONS FOR USE

The Quattro Link Knotless Anchors are intended to be used for the reattachment of soft tissue to bone for the following indications:

Shoulder

- Capsular stabilization
 - Bankart repair
 - Anterior shoulder instability
 - SLAP lesion repairs
 - Capsular shift or capsulolabral reconstructions
- Rotator cuff repairs

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8404 Winterthur
Switzerland



ZIMMER BIOMET

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Legal Manufacturer

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Scottsdale, AZ 85260 USA

www.zimmerbiomet.com

CE 0086

CE mark on a surgical technique is not valid unless there is a CE mark on the product label.

1479.1-GLBL-en-REV0718

Rotator Cuff Repair Solutions

Quattro® X/X3 Suture Anchors, 5.5mm, 6.5mm

The Quattro X and X3 suture anchors provide an efficient, strong, and stable solution for rotator cuff repair. The PEEK-OPTIMA® anchor body with blunt tip and tapered thread pitch allows for easy anchor insertion while maintaining superior purchase to the bone. The dual channel eyelet allows the suture strands to slide freely and easily, improving suture management.

- **Drop-in Anchor Tip:** Promotes effortless anchor insertion
- **Tapered, Dual Thread Design:** Strong, reliable repair providing: Quattro X – 447N pull-out strength¹ and Quattro X3 – 568N pull-out strength²
- **Superior Suture Strength:** Double & Triple loaded options with high strength (UHMWPE) #2 Force Fiber suture (289N). Double loaded with a solid blue and blue/white co-braid suture and triple loaded with solid blue, blue/white co-braid, and black/white co-braid suture
- **Dual Channel Eyelet:** Suture slides freely allowing for easier suture management
- **PEEK-OPTIMA Technology:** Provides optimal and consistent healing environment



Reference	Description
CM-9255	Quattro X Suture Anchor, 5.5 mm pre-loaded with (2) Size 2 Force Fiber Sutures
CM-9255X3	Quattro X3 Suture Anchor, 5.5 mm pre-loaded with (3) Size 2 Force Fiber Sutures
CM-9265	Quattro X Suture Anchor, 6.5 mm pre-loaded with (2) Size 2 Force Fiber Sutures

JuggerKnot® Soft Anchor 2.9 mm

The JuggerKnot Soft Anchor represents the next generation of suture anchor technology. The 2.9 mm deployable anchor design is a completely suture based system, and is the first of its kind.

Soft Material

- Soft anchor deployment system—completely suture based implant
- Eliminates the possibility of rigid material loose bodies in the joint
- Polyester implant

Minimal Size

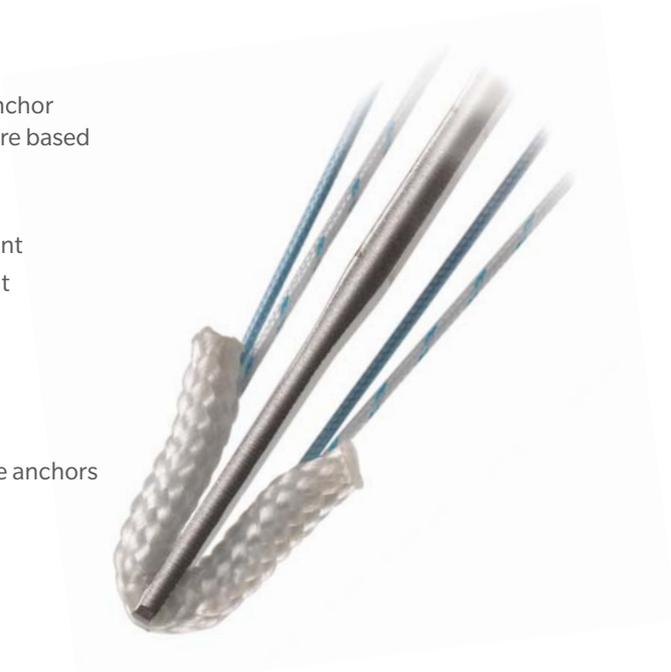
- Smaller drill guide is less invasive to surrounding tissue
- Smaller anchor diameter allows multiple anchors to be placed
- Reduces likelihood of intersecting anchors when placing multiple anchors

Suture Configuration

- Double loaded with #2 MaxBraid™ Sutures
- Blue-white & Blue colored suture
- Pullout strength is 117 lbs.⁷

Reduced Bone Removal

- The volume of bone removed with the 2.9 mm soft anchor is less than that of a 5.0 mm traditional anchor.
- Drill depth 18 mm



Implants

Reference	Description
912029	JuggerKnot Soft Anchor-2.9 mm Double Loaded #2 MaxBraid Suture BL/WH-BL-Single Loaded
912529	JuggerKnot Soft Anchor-2.9 mm Double Loaded #2 MaxBraid Suture BL/WH-BL (Package of 10)

Instruments

Reference	Description
912090G	Reusable Drill Guide
912091	Sterile Disposable Drill Bit
912092G	Reusable Obturator
912093G	Reusable Trocar
912064	Reusable In-Guide Punch
912057	JuggerKnot Soft Anchor- 2.9 mm Disposable Instrument Kit (Guide, Obturator, Drill Bit)

Rotator Cuff Repair Solutions

ALLthread™ Titanium Suture Anchors

Titanium allows for fast and easy insertion techniques making it one of the easiest materials to use on the market. The high strength of titanium allows for design variations such as the ALLthread Ti III Suture Anchor—a triple eyelet suture anchor loaded with three sutures to provide additional fixation when necessary.



ALLthread Titanium Suture Anchors — Implants

Part Number	Size	Description
902591	5.0 mm	Two #2 MaxBraid Suture
902592	6.5 mm	Two #2 MaxBraid Suture
902612	5.0 mm	Three #2 MaxBraid Suture
902613	6.5 mm	Three #2 MaxBraid Suture

Drill (for Titanium Version)

Part Number	Size
905961	5.0/6.5 mm

Instability Repair Solutions



Instability Repair Solutions

JuggerKnot® Soft Anchor 1.4/1.5mm

All-Suture Technology

No matter your specialty, you should have the JuggerKnot Soft Anchor System at the top of your bag. Zimmer Biomet revolutionized soft tissue fixation in Sports Medicine with the introduction of the JuggerKnot anchor platform in 2009 with the 1.4mm JuggerKnot, and we haven't looked back. This award winning 100% suture based anchor system has quickly evolved into a family of anchors that offers the widest range of options for a multitude of different procedure.

- Clinical Results: One study demonstrated clinically improved patient outcomes and fibrous tissue, complete bony healing or combined fibroosseous healing in the anchor tunnel⁴
- Strong: Strength is equal to or greater than some anchors two or three times larger⁵ and high pullout strength ranging from 20-120 lbs., depending on size of anchor^{6,7}

JuggerKnot Soft Anchor-1.4

- Most commonly utilized for soft tissue to bone fixation in the shoulder
- Designed with a #5 polyester sleeve and loaded with a #1 MaxBraid™ suture
- 54 lbs. anchor pullout strength in cortical bone⁶

JuggerKnot Soft Anchor-1.5

- Most commonly utilized in the shoulder for labral tears
- Designed with a #6 polyester sleeve and loaded with a #2 MaxBraid suture
- 65 lbs. anchor pullout strength in cortical bone⁵

Both JuggerKnot Soft Anchors have an optimal instrumentation which includes:

- Curved: 23° curvature allowing the ability to drill a hole perpendicular to bone surface at anchor site
- Percutaneous: Allows anchor to be inserted into the skin through a 2.4 mm diameter guide, minimizing tissue trauma
- Centering Sleeve: Assists with consistent anchor placement via the curved guide by centering anchor in the drill hole



Implants

Reference	Description
912000	JuggerKnot Soft Anchor- 1.4 mm 2 Implant Pack (Guide, Drill Bit)
912030	JuggerKnot Soft Anchor- 1.4 mm Single Loaded Implant
912010	JuggerKnot Soft Anchor- 1.4 mm (Package of 10)
912031	JuggerKnot Soft Anchor-1.5 mm Single Loaded Implant
912015	JuggerKnot Soft Anchor-1.5 mm (Package of 10)

Instability Repair Solutions

Instruments

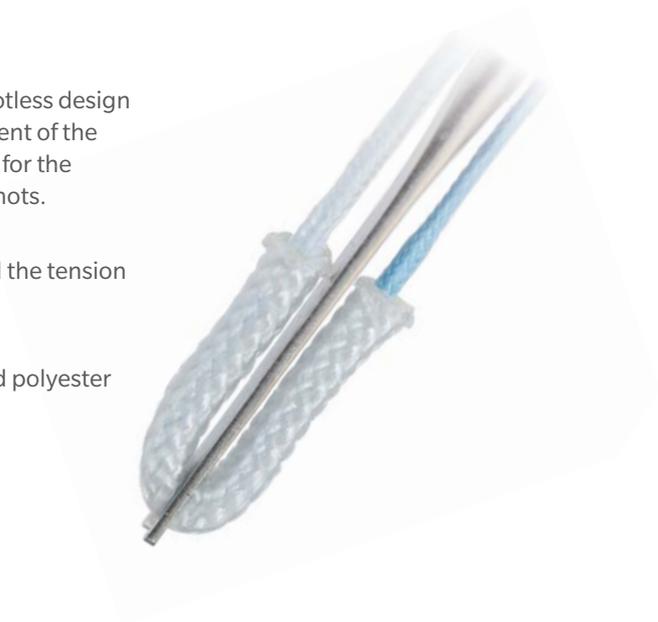
Reference	Description
912038	Reusable Trocar
912036R	Rigid Drill Bit
912039	Reusable Obturator
912038P	Percutaneous Trocar
912035C	Reusable Curved Guide
912038C	Flexible Trocar
912036	Flexible Drill Bit
912039C	Flexible Obturator
912136	Sterile Single Flexible Drill Bit
912040	Disposable Kit (Guide, Flex Drill Bit)
912040C	Disposable Curved Kit (Curved Guide, Flex Drill Bit)
912040P	Percutaneous Kit (Guide, Drill Bit)
912140C	1.4 mm Centering Sleeve Kit (Curved Guide with Drill Sleeve)
912045	1.4 mm Centering Sleeve Kit (Flex Drill Bit with Drill Sleeve)
912035	Straight Reusable Guide
912037R	Rigid Drill (Gold)
912035C	Curved Reusable Guide
912037	Flex Drill (Black)
912041	Straight Disposable Kit (Guide, Large Shank Drill)
912041C	Curved Disposable Kit (Guide, Drill Bit)
912141C	1.5 mm Centering Sleeve Kit (Curved Guide with Drill Sleeve)
912046	1.5 mm Centering Sleeve Kit (Flex Drill Bit with Drill Sleeve)

JuggerKnotless® Soft Anchor 2.1 mm

Do More, Knot Less with the first all-suture knotless anchor.

The clinical experience of the JuggerKnot Soft Anchor and innovative knotless design of the ZipLoop™ Technology has paved the foundation for the development of the JuggerKnotless Soft Anchor. The JuggerKnotless Soft Anchor is designed for the reattachment of soft tissue to bone without the hassle of tying surgical knots.

- **First to Market:** First all-suture knotless anchor on the market
- **Tension in Surgeon's Hands:** Allows surgeon the ability to control the tension of the anchor with their hands
- **Strong Repair:** 57 lbs. anchor pullout strength⁸
- **Design Features:** Loaded with a #1 MaxBraid suture, custom braid polyester sleeve, and 2.1mm diameter



Implants

Reference	Description
110005198	JuggerKnotless SS Implant
110005199	JuggerKnotless SS Implant (Package of 10)

Instruments

Reference	Description
110003182	JuggerKnotless Disposable Low Profile Drill Bit (Sterile)
110003172	JuggerKnotless Disposable Kit
110017436	JuggerKnotless Reusable Low Profile Fishmouth Guide
110017434	JuggerKnotless Reusable Low Profile Obturator
110017433	JuggerKnotless Reusable Low Profile Trocar
110003181	JuggerKnotless Reusable Low Profile Four-Prong Guide

Instability Repair Solutions

Quattro® Link 2.9 mm Anchor

The Quattro Link knotless anchor design brings control and efficiency to soft tissue repair. Its suture eyelet design allows for control in tensioning and accepts multiple sutures to accommodate all types of tears. The vented PEEK-OPTIMA® body design creates a strong, stable and reliable platform for optimal tissue-to-bone healing.

- **Surgeon- Controlled Tensioning:** Individually tension each suture strand, reverse tension (if necessary) and deploy without overtensioning Quattro Link
- **Efficient:** Due to the ability to easily accept multiple suture limbs, on average one less anchor is used per case, which reduces cost per procedure and OR time without compromising the quality of patient outcomes
- **Versatile:** Indicated to easily accept 8 suture limbs (industry standard is 2 limbs) and is compatible with various suture configurations
- **Strong, Reliable Repair:** 400N pull-out strength, superior knotless fixation compared to other push in knotless anchors²
- **PEEK-OPTIMA Technology:** Provides optimal and consistent healing environment



Implants

Reference	Description
CM-9129	Quattro Link Knotless Anchor, 2.9 mm

Instruments

Reference	Description
CM-9324ST	Fluted Drill, for 2.9 mm Quattro Link & GL Suture Anchor, Sterile
CM-9300ST	Spade Drill, for 2.9 mm Quattro Link & GL Suture Anchor, Sterile
CM-9301	Drill Guide, for 2.9 mm Quattro Link & GL Suture Anchor
CM-9303	Offset Drill Guide, for Quattro Link 2.9 mm

Quattro® GL/GL2 2.9 mm

The Quattro GL pre-loaded suture anchor offers strength and performance for all types of labral repairs. The barbed anchor body pattern allows for a small footprint on the glenoid while maintaining strong pull out strength. The individual eyelet design allows the suture strand(s) to slide freely and easily, improving suture management.

- **Strong, Reliable Repair:** 419N pull-out strength⁹, fully-barbed anchor body offers optimal purchase to the bone
- **Suture Strength:** High strength (UHMWPE) #2 Force Fiber[®] suture (289N)⁹
- **PEEK-OPTIMA Material:** Provides optimal and consistent healing environment
- **Suture Options:** Single loaded (GL) and double loaded (GL2), with #2 Force Fiber suture



Implants

Reference	Description
CM-93299	Quattro GL Suture Anchor, 2.9 mm with (1) #2 Force Fiber Suture
CM-9329GL2	Quattro GL2 Suture Anchor, 2.9 mm with (2) #2 Force Fiber Sutures

Instruments

Reference	Description
CM-9324ST	Fluted Drill, for 2.9 mm Quattro Link & GL Suture Anchor, Sterile
CM-9300ST	Spade Drill, for 2.9 mm Quattro Link & GL Suture Anchor, Sterile
CM-9301	Drill Guide, for 2.9 mm Quattro Link & GL Suture Anchor
CM-9302	Obturator, for 2.9 mm Quattro GL Suture Anchor

Suture Passing



Suture Passing

Quattro® Suture Passer & Quattro® GT Suture Passer

These suture passers are intended for passing suture through soft tissue in surgical procedures associated with shoulder soft tissue repair.

- **Reliable:** The internal design of the hand-piece in conjunction with the specifically designed needles allow for a smooth and consistent pass
- **Efficient:** 16 mm tissue bite
- **Versatile:** Two top jaw options for both mini-open & arthroscopic repairs
 - Quattro GT Suture Passer: Pass & retrieve
 - Quattro Suture Passer: Non-capturing
- **Innovative:** The rounded jaw design allows for early grasping and passing suture through a circular tendon like the biceps
- **Coated Needle:**
 - Disposable needle packaged sterile and for single patient use
 - Teflon coated needle slides smoothly through the instrument
 - The needle "eyelet" allows the surgeon the tactile feel of leading the suture into the instrument and is designed so the suture does not fall out of the slot during portal insertion



Reference	Description
CM-9010GT	Quattro Suture Passer GT
CM-9010	Quattro Suture Passer
CM-9011	Quattro Suture Passer Needle

Suture Passing

EZPass™ Suture Passer

Suture passing system designed with seven different curvatures to provide multiple options for shoulder arthroscopy

- **Braided Nitinol:** Design optimized and combined with an oxide coating to minimize the friction transferred to soft tissue
- **Tip Geometry:** Sharp, low profile tips to enhance the ease of tissue penetration while reducing tissue trauma
- **Design Features:** Thumb wheel allowing for quick and easy advancement of the Nitinol passing kite and unique colors allowing for clear identification of desired style

Reference	Description
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904050	EZPass 90° Up
904051	EZPass 45° Up
904052	EZPass 45° Dogleg Up
904053	EZPass 70° Right
904054	EZPass 70° Left
904055	EZPass 30° Right
904056	EZPass 30° Left
110007380	Braided Nitinol Kite



SpeedSnare™ Suture Passer System

Disposable suture passing system with 5 curvatures designed to penetrate and grab the suture (Pass and retrieve in one step)

- Crochet hook wire able to grab MaxBraid™ and BroadBand™ (Tape) sutures
- Tip Geometry: 1.8 mm Sharp, low profile tips to enhance the ease of tissue penetration while reducing tissue trauma
- 3 Snare Positions: allows for the snare to open, close and slide, close and lock.
- Effective combination of sturdiness and size
- 1.8 mm shaft to resist breakage
- Minimally invasive compared to standard 3.0 mm bird beak instrumentation
- Designed with “suture locked” and “suture sliding” positions
- Pass and retrieve in one step (accepts suture and suture tape)
- Audible and tactile feedback for confidence in snare positions



Reference	Description
110030129	SpeedSnare 30 DEG UP
110030130	SpeedSnare 60 DEG UP
110030131	SpeedSnare 30 DEG RIGHT
110030132	Speedsnare 30 DEG LEFT
110030133	SpeedSnare STRAIGHT

Sutures



Sutures

Maxbraid™ PE Suture

Suture plays a significant role in repairs made with suture anchors. Zimmer Biomet Sports Medicine's strong MaxBraid Suture is comprised of polyethylene, to help eliminate suture fray and prevent breakage. MaxBraid Suture has high tensile strength, but also possesses great knot tying characteristics. The unique braid cinches on itself, providing confidence when tying knots.



Reference	Description
900312	MaxBraid Suture #5 Blue, Cutting K-60, Box of 12
900284	MaxBraid Suture #2 Blue, Cutting KHC-5, Box of 12
900333	MaxBraid Suture #2 White, Tapered HC-5, Box of 12
900334	MaxBraid Suture #2 Blue, Tapered HC-5, Box of 12
900335	MaxBraid Suture #2 Blue, Tapered C-7, Box of 12
900338	MaxBraid Suture #2 Blue, Tapered HC-5, Box of 1

AC Joint Reconstruction



AC Joint Reconstruction

ZipTight™ Fixation System

The ZipTight Fixation System for AC Joint Reconstruction is a low profile, knotless suture fixation system featuring ZipLoop™ Technology.

- ZipLoop Technology: Knotless system that eliminates knot profile on the top of the clavicle with ZipLoop Technology
- Design Features: Two buttons and MaxBraid suture coracoid and clavicle fixation with #7 MaxBraid Suture
- ToggleLoc Device Pusher/Plunger Technique: Eliminates having to shuttle suture when fixating the initial coracoid button



Implants

Reference	Description
904834	ZipTight Fixation Device
904835	ZipTight AC Joint with 2 ZipLoops

Instruments

Reference	Description
904837	ZipTight for AC Joint Disposable Kit
904776	ZipLoop Puller
900342	Super MaxCutter™ Suture Cutter

Arthroscopic Cannulas



Arthroscopic Cannulas

HydroDam™ Cannula System

The HydroDam Cannula system is designed for easy portal insertion while optimizing arthroscopy joint distention with minimal water leakage. The dual seal system allows instruments to easily be inserted in and out with minimal cannula displacement. The modular obturator system allows the surgeon to adjust the obturator to which cannula length necessary depending on the patient. This eliminates having more instruments than necessary in the instrument case.



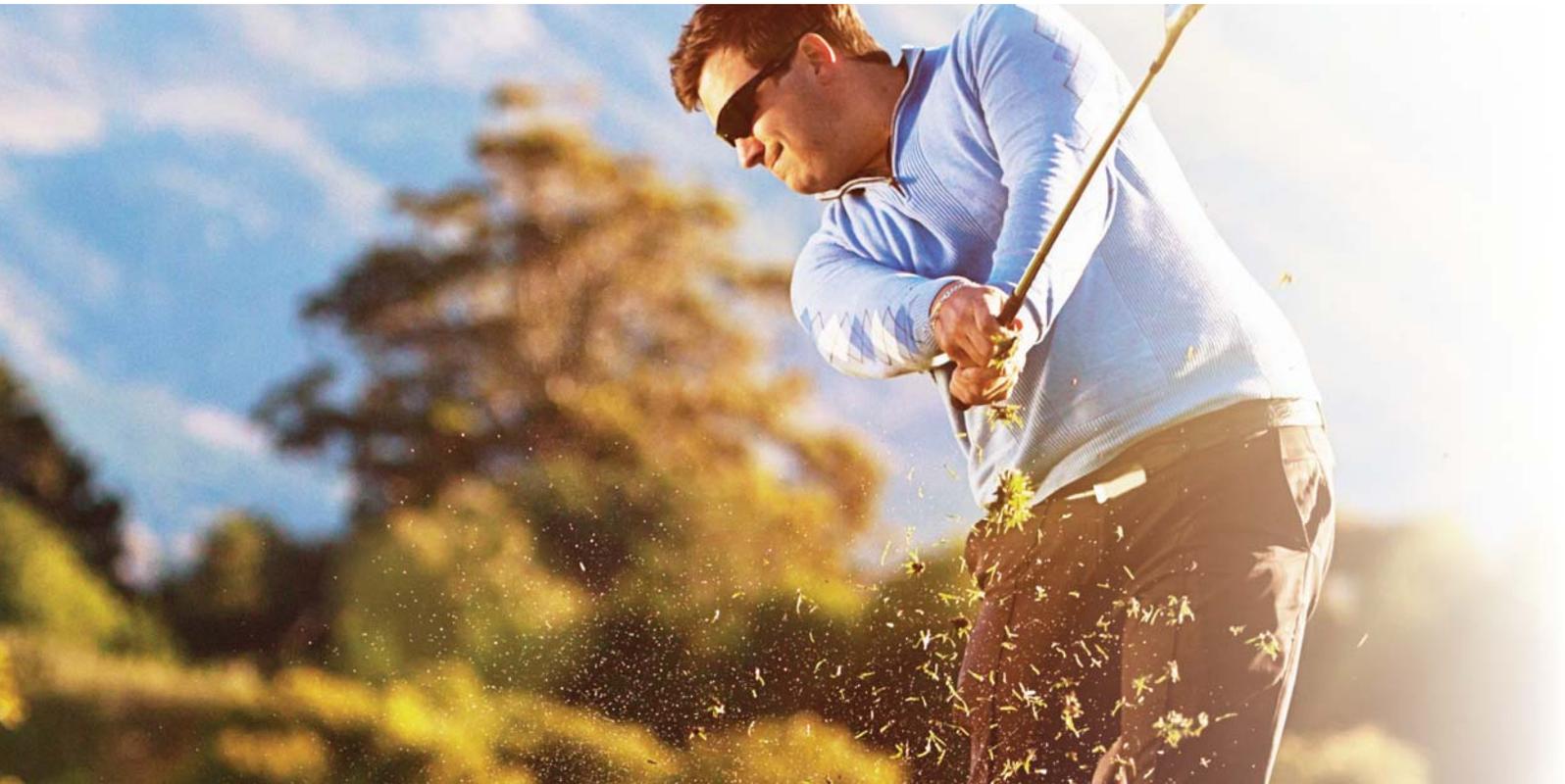
Cannulas

Reference	Description
110025590	HydroDam Rigid Cannula, 7 x 75 mm, 6 Pack
110025592	HydroDam Rigid Cannula, 8.5 x 75 mm, 6 Pack
110025596	HydroDam Rigid Cannula, 7 x 85 mm, 6 Pack
110025598	HydroDam Rigid Cannula, 8.5 x 85 mm, 6 Pack
110019086	HydroDam Rigid Cannula, 8.5 x 115 mm, 6 Pack
110019090	HydroDam Rigid Cannula, 8.5 x 100 mm, 6 Pack
110030950	HydroDam Rigid Cannula, 8.5 x 130 mm, 6 Pack

Instruments

Reference	Description
110028430	HydroDam Obturator Handle
110028432	7 mm HydroDam Adjustable Reusable Obturator
110028433	8.5 mm HydroDam Adjustable Reusable Obturator

Visualization



Visualization

Zimmer Biomet Imaging System Plus

The Zimmer Biomet Imaging System Plus is an all-in-one full high definition camera system combining an autoclavable 3-Chip CMOS camera head, LED lighting, image management and integration with an intuitive tablet controller.

The 3-Chip CMOS autoclavable camera head features a 1920 x 1080p resolution with four full programmable camera head buttons and the ability to control the LED lightsource.



Reference	Description
84-10-2010	Camera Control Unit 3-in-1 Full HD Plus
84-10-2100	Full HD 3 CMOS Camera Head
84-10-1000	Tablet User Interface
84-28-0320	Tablet Vesa Adapter
84-28-0321	Tablet Vesa Adapter with Lock
84-26-4000	USB 64GB Flash Drive

Zimmer Biomet 4.0 mm Arthroscopes, Full-HD



Reference	Description
8300036855	Arthroscope 4.0 mm, 30°, Full-HD
8300036856	Arthroscope 4.0 mm, 70°, Full-HD
8300036857	Trocar sheath with 2 rotatable stopcocks
8300036862	Obturator conical blunt for trocar sheath

Resection



Resections

Zimmer Biomet Shaver System

The Zimmer Biomet Shaver System consisting of a control unit equipped with state-of-the-art electronics, a multifunctional footswitch and ergonomically designed handpieces that were developed for surgical use in the field of arthroscopy.

This shaver system is designed for high efficiency and user-friendly handling.



Reference	Description
918001	Control Unit
918021	Handpiece for Manual Operation
918020	Handpiece
918003-2	Foot Switch

Zimmer Biomet Shaver Blades and Burs

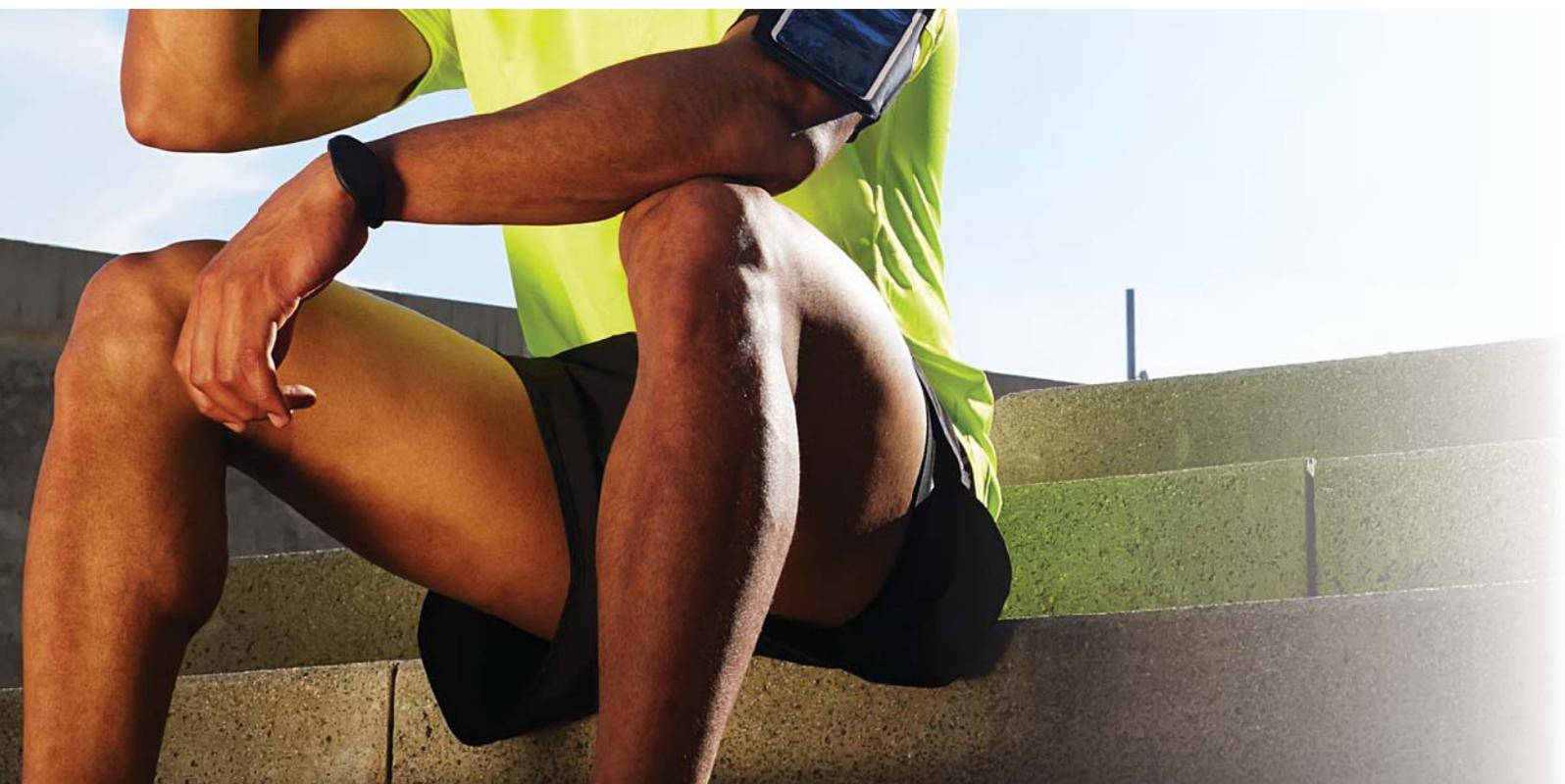
The Zimmer Biomet Shaver Blades and Burs are designed to achieve low vibration running and high cutting power. The Zimmer Biomet Shaver Blades and Burs are available in a wide breath of diameters, lengths and blade configurations. The different blade designs offer versatile solutions for a variety of arthroscopy needs.

Reference	Description
9182742	Full Radius Resector Sharp Cut, 4.2 mm
9181335	Agressive Full Radius Resector, 3.5 mm
9181348	Agressive Full Radius Resector, 4.8 mm
9181355	Agressive Full Radius Resector, 5.5 mm
9183442	Agressive Full Radius Resector Plus, 4.2 mm
9181042	Round Burr, 4.2 mm (Burr Ø 3.0 mm)
9181055	Round Burr, 5.5 mm (Burr Ø 4.0 mm)
9181955	Oval Burr, 5.5 mm (Burr Ø 4.0 mm)
9181965	Oval Burr, 6.5 mm (Burr Ø 5.0 mm)

Additional Blade and Bur options are available.



Fluid Management



Fluid Management

Zimmer Biomet Dual Flow System

The Zimmer Biomet Dual Flow Pump System is an integrated inflow and outflow fluid management system. Its system manages irrigation automatically as a function of suction, thereby providing a precise control of flow rate and pressure. Its Human/Machined Interface (HMI), designed for a user-friendly and easy to use experience, allows an optimum control of the device by the user. The Zimmer Biomet Dual Flow Pump System is intended for use during arthroscopy operations by orthopaedic surgeons and operating theatre nurses.

The main characteristics of the Pump:

- Automatic management of inflow and outflow: precise control of flow and pressure
- Integrated shaver interface for most of the shaver brands
- Increase reactivity for an optimum comfort during use
- Pressure measure readings in mmHg or LH₂O
- Familiar user interface



Reference	Description
11010072	Dual Flow Pump
11010074	Foot Pedal 4-Way
11010073	Foot Pedal 2-Way
11010075	Interface Clip
11010079	Foot Control Interface for Zimmer Biomet Shaver Console
11010076	Day Set Tubing for Dual Flow Pump
11010077	Patient Set Tubing with Check Valve for Dual Flow Pump
11010078	Intermediary Inflow Tubing with Check Valve for Dual Flow Pump

References:

1. Cayenne Medical, Biomechanical Pullout Strength of Quattro™ X and Quattro™ Link Rotator Cuff Anchors. Internal Paper. 70330- Rev. A.
2. Data on file at Cayenne Medical. Provided upon request.
3. Barber FA, MD, Herbert MA, Ph.D, Coons DA, DO, Boothby HH, MD. "Sutures and Suture Anchors - Update 2006." *Arthroscopy*, 22(10), p1063-1069
4. Agrawal V, MD, Pietrzak WS, Ph.D. "Triple labrum tears repaired with JuggerKnot™ soft anchor: Technique and results." *Int J of Shoulder Surg* 2015;9:81-9.
5. Barber FA, MD, Herbert MA, Ph.D. "Cyclic Loading Biomechanical Analysis of the Pullout Strengths of Rotator Cuff and Glenoid Anchors: 2013 Update." *Arthroscopy*, 29(5), p832-844, April 2013
6. Barber FA, MD, Herbert MA, Ph.D, Hapa O., MD, Rapley JA, MD, Barber CA, Bynum JA, MD, Hrnack SC, MD. "Biomechanical Analysis of Pullout Strengths of Rotator Cuff and Glenoid Anchors: 2011 Update." *Arthroscopy*, 27(7), p895-905, July 2011
7. Data on file at Biomet Sports Medicine. Test Reports, AT47B, AT47D, BSM4, BSM03. Bench test results are not necessarily indicative of clinical results
8. Data on file at Biomet Sports Medicine. Biomechanical Evaluation of the Biomet Sports Medicine JuggerKnotless Soft Anchor. BMET0796.0. Bench test results are not necessarily indicative of clinical results.
9. Cayenne Medical. Biomechanical Pullout Strength of Quattro™ GL Glenoid Labrum Repair Anchors. 70331- Rev. A Arthroplasty. November 2014, 30(11): 1461-67.

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