NeoSys

Product Catalog

2024

NeoSys

Medical Solutions

www.neosysmed.com

TITANIUM
SUTURE ANCHOR

- Titanium NEOSYS suture anchors feature a small minor diameter and a cancellous screw thread design.
- The anchor's very sharp point makes it possible to insert without tapping.
- This non-absorbable suture is composed of a special ultra-high molecular weight (UHMWPE) polyethylene fiber and features a unique braid configuration.
- As a result, Fiber Suture offers special advantages over traditional polyester suture, including a high knot-breaking strength, ideal lubricity, and strong resistance to fraying.
- Fiber Suture is preloaded on all NEOSYS Suture Anchors that have #2 sutures.
- NEOSYS Suture Anchors provide a tapered body that is mated to the dilator to reduce insertion torque, thereby helping to minimize anchor breakage.
- Suture eyelets are located deeper in the anchor body to reduce suture eyelet failure under cyclic loading.
- NEOSYS Suture Anchors provide secure fixation with a wide range of sizes to match various applications and bone qualities.
- Anchor cores are matched to the drill size to facilitate insertion while maximizing fixation strength.
- NEOSYS Suture Anchors have an updated inserter handle. This robust handle provides surgeons ideal control when deploying anchors.
- Improved suture track ensures smooth suture release.
- External suture posts protect and control the sutures.
- Physical mechanism for grasping sutures securely holds the anchor on the tip of the inserter.
- Flat handle surface is ideal to tap/strike with a mallet.

Order Informations

Ref Code	16120015 Suture Anchor TI 2.0mm
Ref Code	16135015 Suture Anchor TI 3.5mm
Ref Code	16150015 Suture Anchor TI 5.0mm
Ref Code	16165015 Suture anchor TI 6.5mm

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It is specially designed for the fixation of soft or prosthetic tissues to the bone.

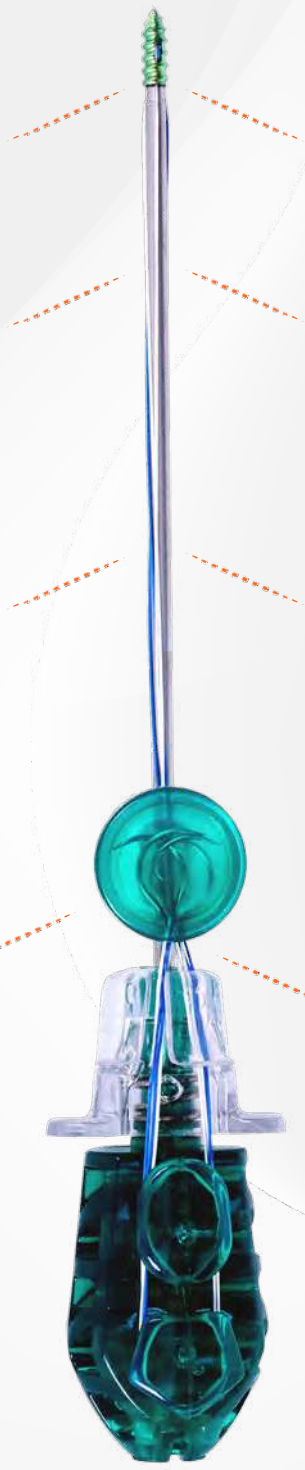
NEOSYS TITANIUM ANCHORS are screwed anchors associated with two UHMWPE suture threads (USP2) and mounted on a disposable screwdriver for insertion and locking into the bone. These anchors are composed of titanium aloy (Ti-6Al-4V).

Sizes
Available in 2.0mm, 3.5mm, 5.0mm and 6,5 mm diameters with or without needles

A color coding
Differentiates anchors by size and number of sutures

Tearing resistance
Fully threaded anchor body increases the tearing resistance

Laser markings
On the inserter indicate insertion depth and orientation of sutures



Optimized anchorage
Wide threads optimize bone grip

Biocompatible
titanium alloy anchor

Multiple sutures
For a better distributio of tensions on the tendon

Self-threaded
The tip of the anchor allows easy insertion

HAND
SLAP, BANKART INSTABILITY

SHOULDER
TENDON AND LIGAMENT REINSERTION

ANKLE
REINSERTION

SWIVELOCK ANCHORS

- Fully threaded knotless SwiveLock anchors are designed for use with SutureTape, Fiber Sutures, Fiber Tapes, and soft-tissue grafts in repair and reconstruction techniques.
- Tension is visualized, adjusted, and locked into position with the SwiveLock anchor body.
- Available in PEEK material, SwiveLock anchors are cannulated and vented to minimize material.
- 2.9mm SwiveLock anchor is available for instability repair and provides very high pullout and insertion strength while saving time.

Order Informations

Ref Code	SWL290 2.9mm swivelock anchor
Ref Code	SWL0350 3.5mm swivelock anchor
Ref Code	SWL0450 4.5mm swivelock anchor
Ref Code	SWL0550 5.5mm swivelock anchor

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PEEK KNOTLESS ANCHORS

- Designed for arthroscopic instability or rotator cuff repair.
- The knotless suture anchor uniquely allows surgeons to adjust tension on the tissue intraoperatively, ensuring precise tissue reduction and fixation.
- Knotless anchors are available in sizes: 2.9 mm, 3.5 mm, 4.5 mm, and 5.5 mm.
- The 2.9 mm and 3.5 mm Knotless anchors are optimized for labral repair.
- Use the 4.5 mm and 5.5 mm Knotless anchors for rotator cuff repair using the SutureBridge technique.
- The 3.5 mm Knotless anchor is used during rotator cuff or instability procedures.
- The anchor bodies are available in nonabsorbable PEEK materials.
- They are strong, revisable, and radiolucent implants with no MRI artifact.
- Each anchor has a PEEK eyelet for superior strength during insertion to allow firm tissue tensioning and shifting.

Order Informations

Ref Code	16655014 knotless anchor 5.5mm
Ref Code	16645014 knotless anchor 4.5mm
Ref Code	16635014 knotless anchor 3.5mm
Ref Code	16629014 knotless anchor 2.9mm

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HAND
SLAP, BANKART INSTABILITY

SHOULDER
TENDON AND LIGAMENT REINSERTION

ANKLE
REINSERTION

ALL SUTURE SOFT ANCHORS

It is specially designed for the fixation of soft or prosthetic tissues to the bone.

- SOFT ANCHOR are impacted anchor of small diameter exclusively composed of textile fibers.
- The polyester body of the anchor is associated with one or two UHMWPE suture threads which are mounted on a disposable screw-driver allowing insertion into the bone.
- The traction on the suture threads makes it possible to modify the shape of the body of the anchor which thus locks itself behind the cortical bone and ensures an effective anchorage.

All Suture soft Anchor - 1.8 , 2.9 mm:

Most commonly utilized for soft tissue to bone fixation in the shoulder. Designed with a custom braid polyester sleeve and double loaded with #2 UHMPWE - ULTRAFIRE FIBER suture.

All Suture soft Anchor - 1.0 - 1.5 mm:

Most commonly utilized for soft tissue to bone fixation in the shoulder and small joints. Designed with a custom braid polyester sleeve and single loaded with #2 UHMPWE - ULTRAFIRE FIBER suture.

Order Informations

Ref Code	9901002 Soft Anchor 1.5mm
Ref Code	9901004 Soft Anchor 1.8mm
Ref Code	9901005 Soft Anchor 2.9mm
Ref Code	9901001 Soft Anchor 1.0mm

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PEEK SUTURE ANCHORS

- NEOSYS PEEK anchor is a fully threaded suture anchor featuring dual threads to maximize cortical and cancellous fixation, has a rounded tip to protect the sutures and to facilitate the insertion.
- Particularly suitable for repairing rotator cuff and associated pathologies, this anchor is available with two or three sutures and/or tapes.
- Double cancellous and cortical thread.
- Maximize fixation strength by increasing the interaction between cortical and cancellous bone.
- Greater torsional torque when inserted.
- Maximum tensile strength, therefore pull-out.
- Optimal internal footprint of the screwdriver.
- More important contact surface between the anchor and the screwdriver for better torque and guided insertion.
- **Sizes:**
  3.5 mm, 5.0 mm
- **Suture Configurations:**
  1 suture or 2 sutures
- **Adaptable:**
  Suitable for multiple surgical techniques.

It is specially designed for the fixation of soft or prosthetic tissues to the bone.

- NEOSYS PEEK Suture Anchors provide surgeons with pullout strength, high-strength Fiber Suture, and multiple hole preparation options for any bone quality.
- Transitional thread design enables secure fixation with distal “cutting” and proximal “locking” threads, which means easy insertion and stronger pullout strength even in poor quality bone.
- Loaded with fiber sutures inside the body of the anchor means stronger knots.
- General hole preparation instrument offers solutions suitable for all qualities of bone.
- With a modulus similar to cortical bone, VestaPeek® polymer from Evonik® exhibits an ideal combination of strength, stiffness, and toughness, together with biocompatibility.

Order Informations

Ref Code 16450017 PEEK SUTURE ANCHOR 5.0MM WITH NEEDLE

Ref Code 16435017 PEEK SUTURE ANCHOR 3.5MM WITH NEEDLE

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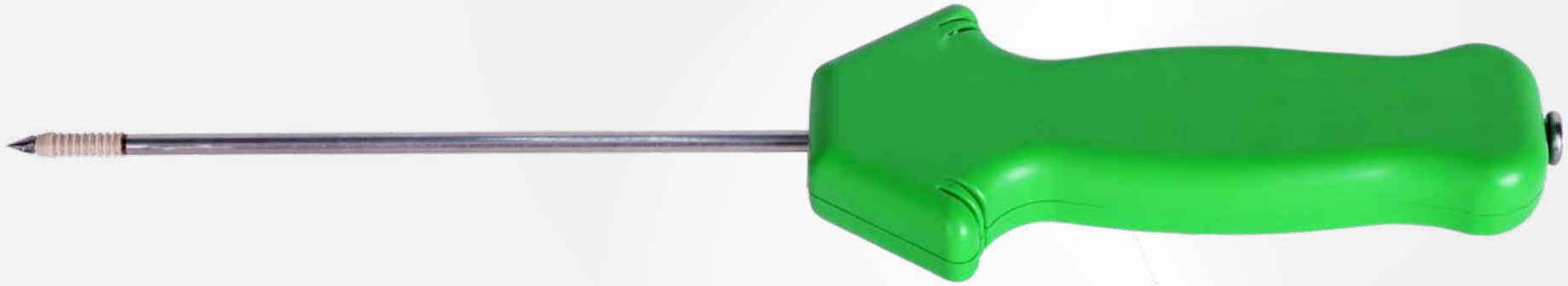
SHOULDER
TENDON AND
LIGAMENT REINSERTION

SELF-PUNCHING
KNOTLESS ANCHOR

- The self-punching 4.75 mm knotless anchor combines a titanium tip with a PEEK and titanium anchor body to eliminate the need for prepunching a bone socket.
- This self-punching design can help save valuable OR time, while increasing the precision of the final construct.
- The self-punching anchor can be combined with FiberTape suture to complete a SpeedFix repair or SpeedBridge knotless rotator cuff repair.



Order Informations

Ref Code 16645185 KNOTLESS ANCHOR PEEK+TI 4.75MM

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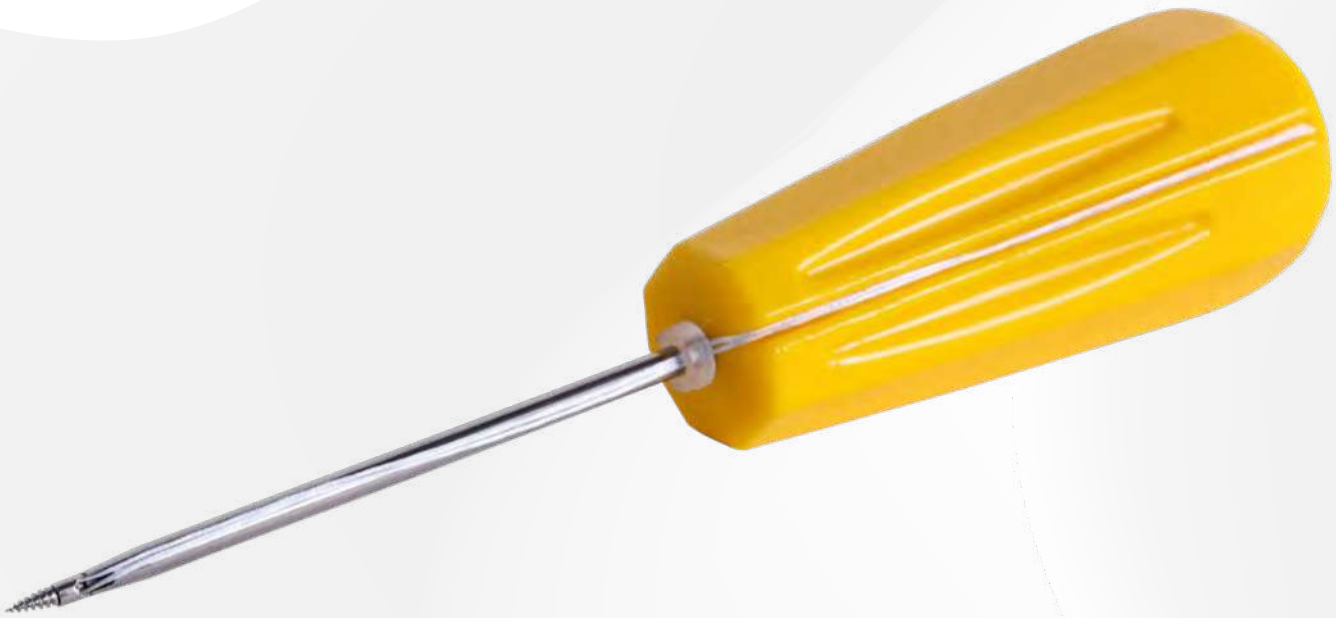
SHOULDER
TENDON AND
LIGAMENT REINSERTION

MINI SUTURE ANCHOR (2.0 MM)

- 2.0mm Mini suture anchor is designed for efficiency and ease of use, thereby optimizing patient outcomes.
- Our Mini Titanium Screw-In Suture Anchors are recommended to address a variety of small-joint applications due to their small diameter and tremendous pull-out strength.

Key Features & Benefits:

- Threaded design provides optimal cortical fixation and reduces the risk of “pull-back.”
- Made of 6Al-4V ELI titanium alloy, providing the strength and stiffness required for successful application.
  Self-tapping threads.



Order Informations

Ref Code	16120015

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AC DOUBLE BUTTON SYSTEM

- The AC double button system introduces a novel technique for the reconstruction of complete acromioclavicular joint separation.
- It utilizes buttons with CL material, which has been modified for use in the shoulder.
- The device is placed through holes in the coracoid and clavicle, reproducing the course of the conoid portion of the coracoclavicular ligament.
- The buttons with CL material provide strength and stiffness exceeding that of the native anatomy, ensuring a stable reduction.
- The procedure is simple, has low morbidity, and can be easily adapted to an arthroscopic technique.

Order Informations

Ref Code	2257

NeoSys

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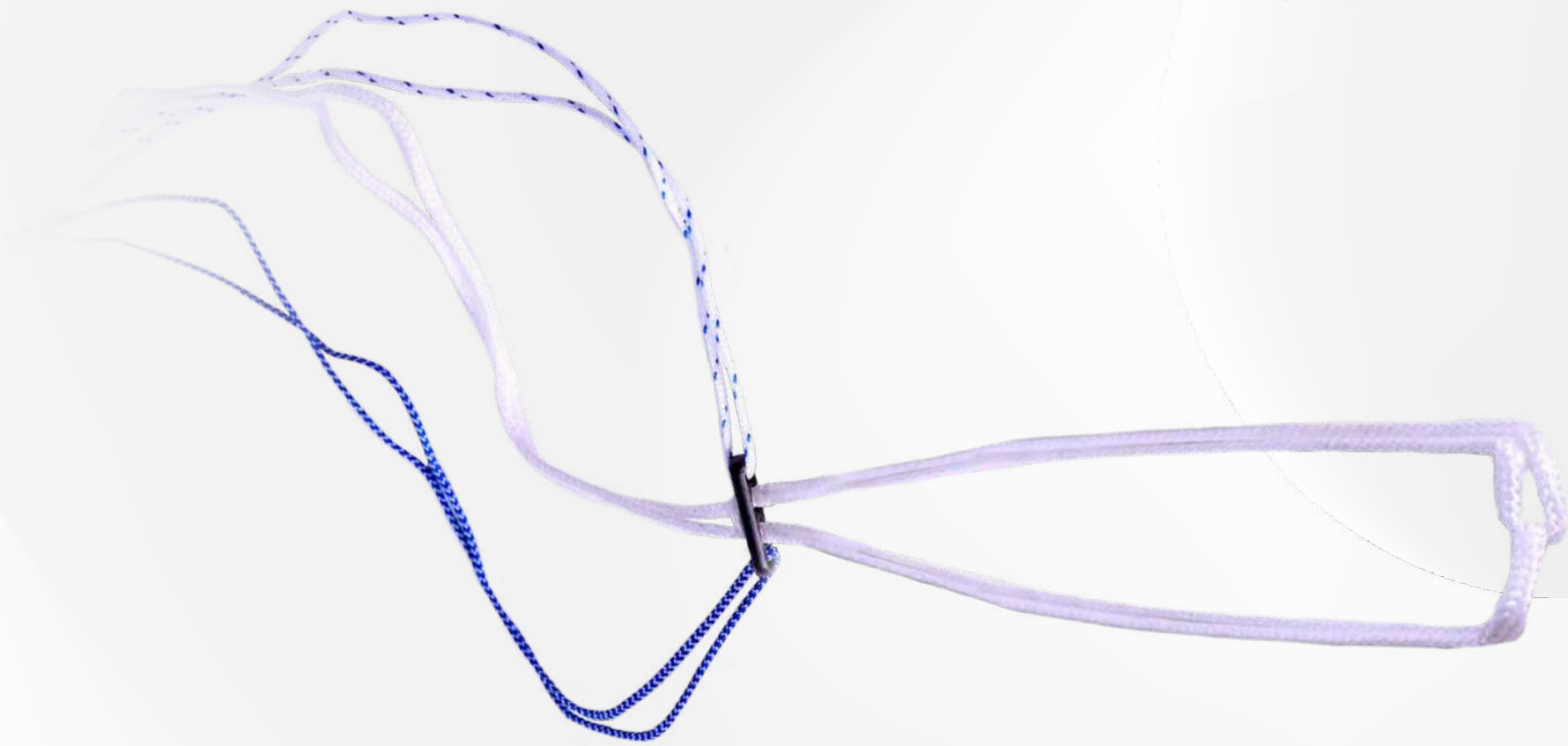
SHOULDER
TENDON AND
LIGAMENT REINSERTION

ADJUSTABLE
LOOP BUTTON

- The adjustable femoral cortical fixation system provides adjustable cortical fixation for anterior cruciate ligament reconstruction.
- It offers strong pulling force.
- Lift button removes the need for multiple implant sizes.
- The lift button Femoral Cortical Fixation System is designed for graft femoral cortical attachment.
- The implant has a variable knot length structure that allows the tendon within the tunnel to be adjusted with optimum tension.
- Single implant option for entire tunnel length UHMWPE sutures for pulling.



Order Informations

Ref Code	AR1588T

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DOUBLE BUTTON FOR SYNDESMOSIS REPAIR

- **SYNDESMOSIS Double Button** with Adjustable Loop is designed for syndesmosis.
- It’s an important innovation that provides great convenience for surgery in syndesmosis operations, which have a very important place in orthopedic surgical indications and that satisfies a desired fixation at the maximum level.
- Additionally, it’s used for syndesmosis according to surgical indications in important joints such as the ankle, knee, and wrist.
- Double Button is a precontoured, titanium button that allows the use of multiple Fiber Sutures for syndesmotic reduction, providing a construct that is twice as strong as existing repair devices.
- Since the buttons are attached to the Fiber sutures independently, only suture material is passed through the fibula and tibia tunnels, allowing the repair to be secured with minimal disruption to the surrounding bone structure.

Order Informations

Ref Code	8626T

NeoSys

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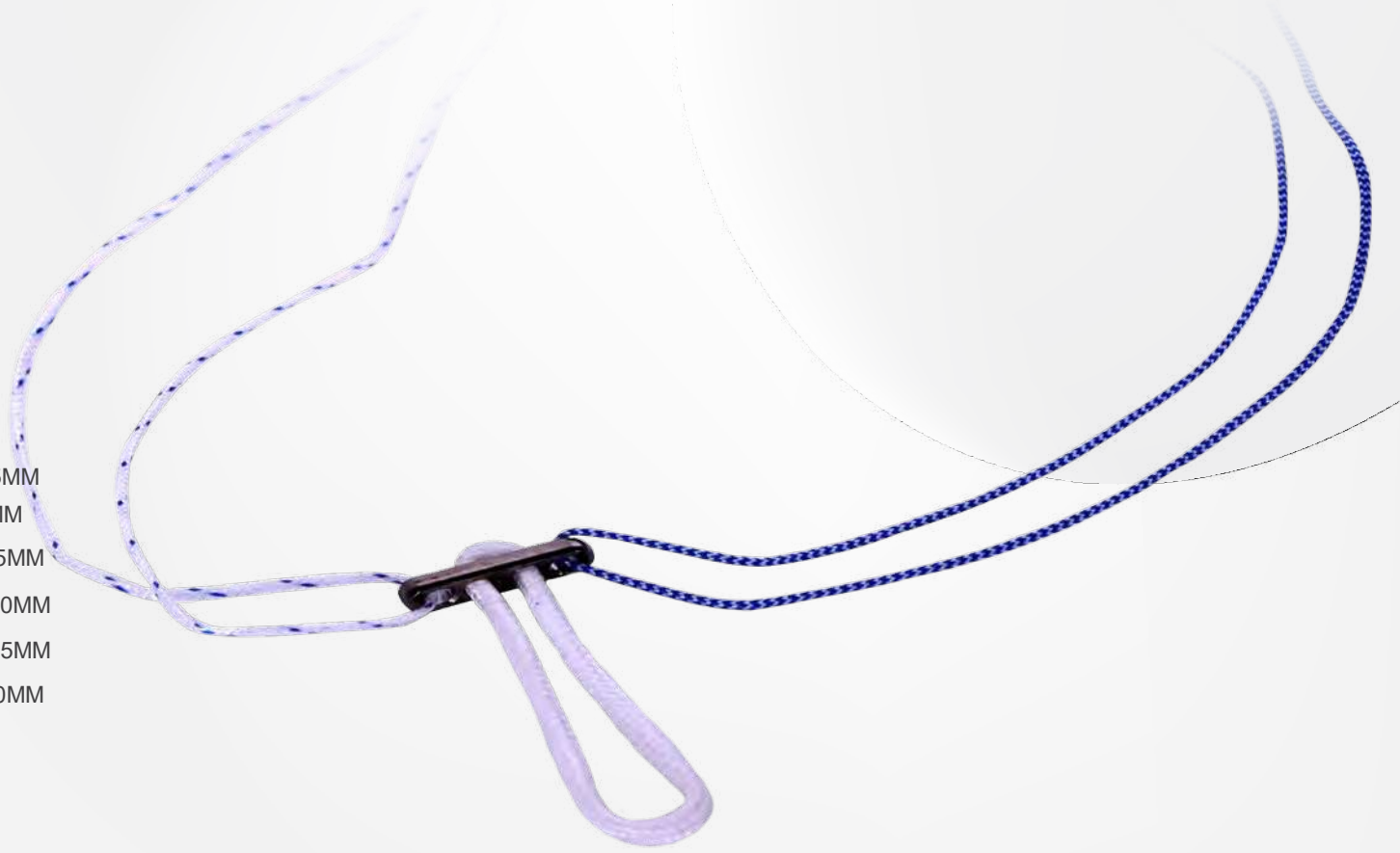
FEMORAL FIXATION BUTTON CL

- Pre-measured loop size button is made of:
  - 1titanium button (dimensions 12x4 mm)
  - Polyester PET braided pre-measured loop
- 2 pre mounted UHMWPE sutures (green and white)
- **Indications**
  - Tendon or ligament fixation in reconstruction surgeries especially for ACL repair.
- **Loop sizes**
  - **6** sizes are available and meet requirements of conventio- nal ligamento-plasty surgeries (**15, 20, 25, 30, 35, 40mm**)
- This button implant, which is clinically proven in effectiveness and relia-bility, is designed by orthopedic surgeons for anterior cruciate ligament surgery, femoral tunnel hamstring graft cortex hanging detection.
- Pulling sutures are different colors to avoid confusion during processing.

KNEE



Order Informations

Ref Code	FKL.A RT15 - FEMORAL FIXATION BUTTON CL 15MM
Ref Code	FKL.A RT20- FEMORAL FIXATIN BUTTON CL 20MM
Ref Code	FKL.ART25 - FEMORAL FIXATION BUTTON CL 25MM
Ref Code	FKL.ART30 -FEMORAL FIXATION BUTTON CL 30MM
Ref Code	FKL.ART35 - FEMORAL FIXATION BUTTON CL 35MM
Ref Code	FKL.ART40 - FEMORAL FIXATION BUTTON CL 40MM

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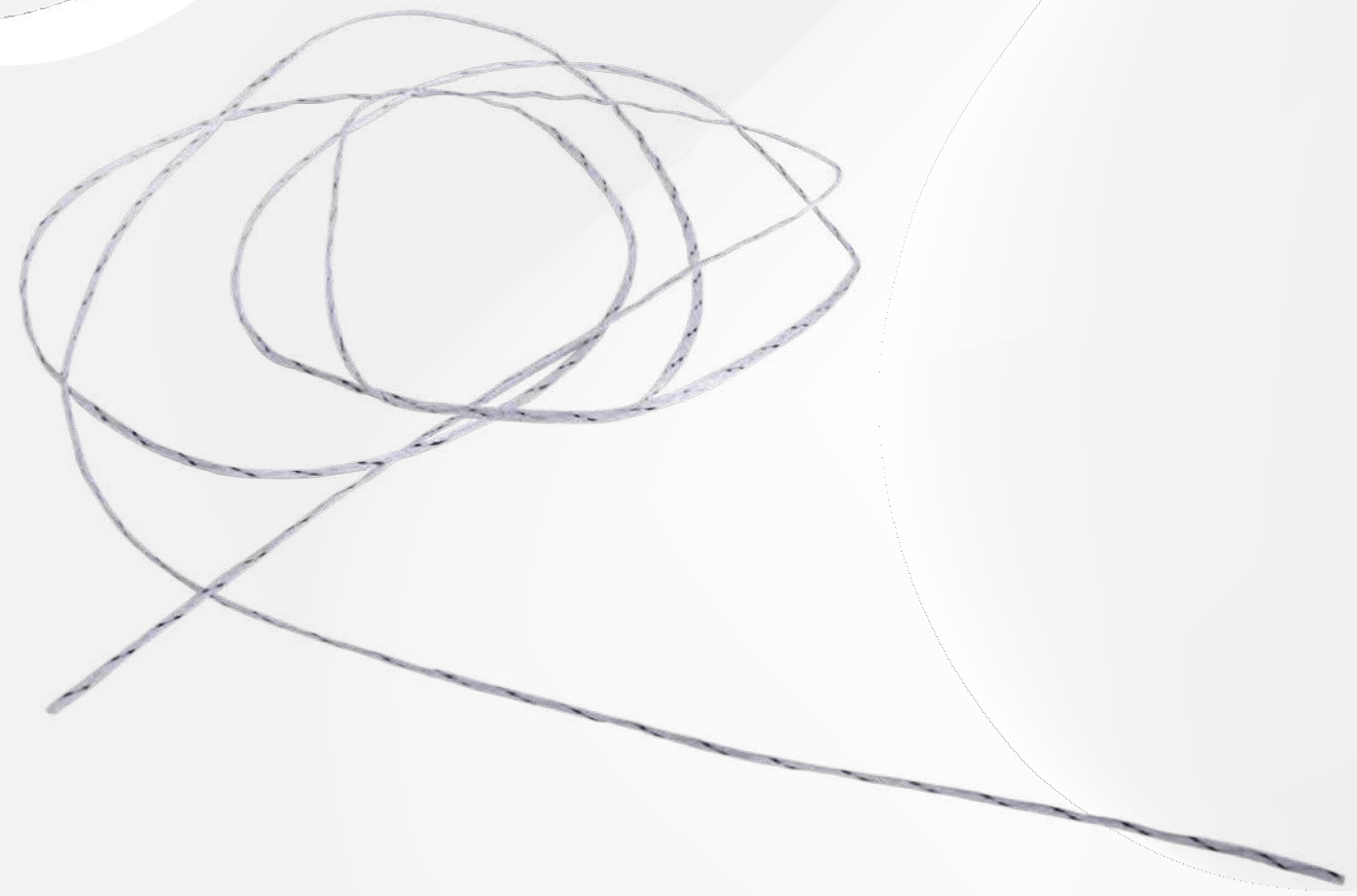
FIBERTAPE SUTURE

- FiberTape suture offers broad compression and increased resistance to tissue pull-through, making it the leading choice for knotless repairs.
- This ultra-high-strength suture has a long-chain polyethylene structure similar to Fiber suture.
- Its broad footprint is ideal for repairs to degenerative cuff tissue where tissue pull-through may be a concern.
- FiberTape suture is 30% more resistant to tissue pull-through compared to round #2 suture.



Order Informations

Ref Code	FBT1490 - FIBER TAPE 1.4MMX90CM
	FBT2090 - FIBER TAPE 2.0MMX90CM
	FBT4090 - FIBER TAPE 4.0MMX90CM

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SHOULDER
TENDON AND
LIGAMENT REINSERTION

POLYMER CERCLAGE
CABLE SYSTEM

- The cable is made from a high-resistance polymer.
- The cable can be used with a special instrument set, taking shape as desired.
- There are 2 scales and 1 torquing device in the instrument set.
- Finds clips made of titanium that allow to lock on the cable.
- The cable is color-coded and has a characteristic that the light can absorb and shine.
- The cable is ready for use in the sterile box.
- The cable length: 110 cm, dia: 1.6 mm.
- It can be passed through all cable plates or can be used alone.

Order Informations

Ref Code KBL.ORTH.001 POLYMER CERCLAGE CABLE

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NEOSYS FIBER SUTURES

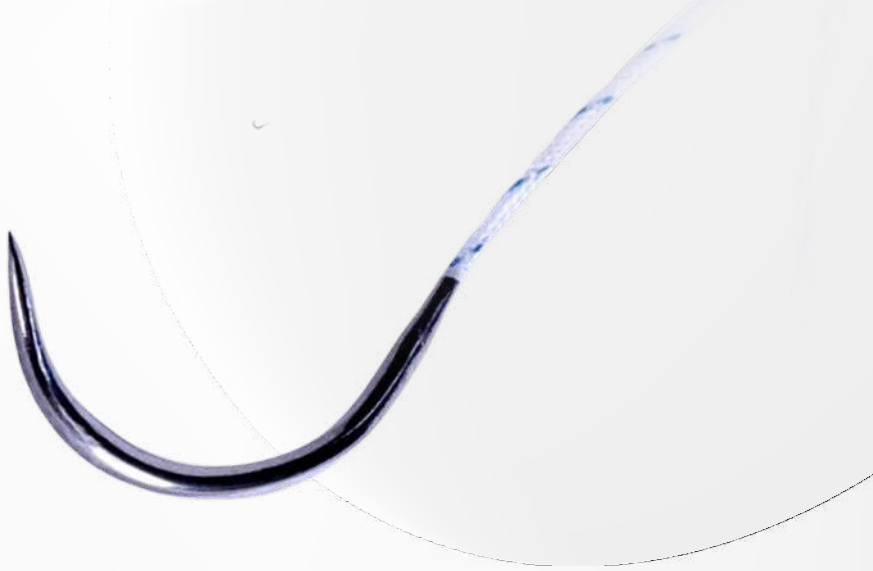
- The braid structure developed for the purposes of orthopedic surgery increases the performance and transportation characteristics of the suture.
- Thus, a flexible and easy-to-use orthopedic surgical suture that provides higher tensile strength than Polyester and polyblend sutures has been obtained.
- Fiber suture provides resistance to tighter knot and knot tear during bonding.
- The low knot profile of the seam allows precise knot placement and a smooth bond.
- The Ultrafire suture is made from incredibly strong and durable ultra-high molecular weight polyethylene (UHMWPE) material.

Indications
Fiber suture is used for soft tissue approximation and/or adhesion, including allograft tissue use.

SUTURE NEEDLE

Suture with needle

- **Type:**
  Suture USP2
  Suture USP5
- **Size:**
  Length 90 cm
- **Colors:**
  white/blue
  white/black
  white/green
  blue
- **Needles:**
  Taper point 1/2 circle - length: 26 mm (transtendinous)
  Reverse cutting 3/8 circle - length: 40 mm (transosseous)including allograft tissue use.



Order Informations

Ref Code AR7200	FiBER SUTURE #2
Ref Code AR7210	FiBER SUTURE #5
Ref Code FBL0820	FiBER LOOP WiTH STRAiGHT NEEDLE
Ref Code FTG0280	TiGER LOOP

NeoSys

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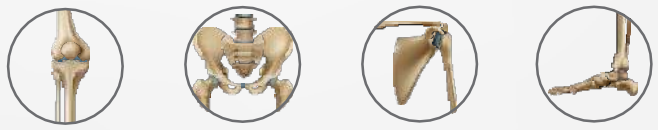

GRAFT PASSING GUIDE PIN

- The 2.4mm Graft Passing Guide Pin is specifically engineered for fast, accurate, and minimally invasive referencing of the Aperture to Cortex (AC) length.
- The fluted drilling head and tapered shaft allow for a tactile feel in determining the AC length.
- Surgeons can confidently confirm the femoral tunnel length in the early stages of the reconstruction.
- This pin helps save time and minimizes potential complications.

Order Informations

Ref Code	1297L - 2.4MM PASSING PIN

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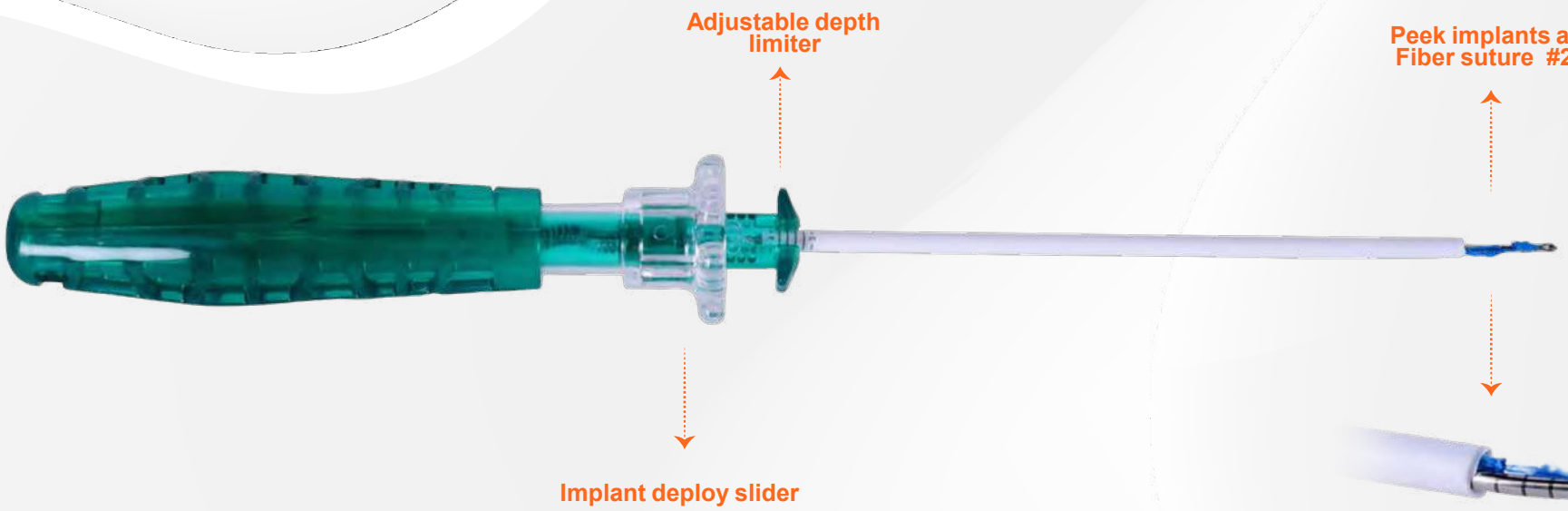
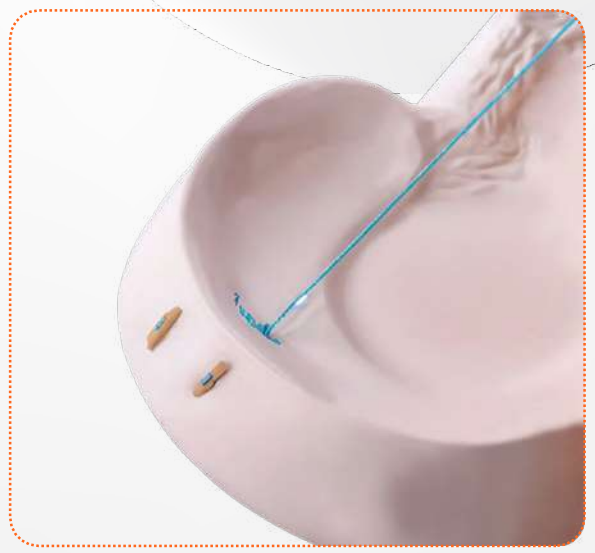
ALL INSIDE MENISCAL REPAIR SYSTEM

- **Minimally Invasive**
  Smaller implants and WilSuture Ultra #2-0 minimize disruption to the meniscus.
- **Convenience**
  360° active deploy implants at any hand position.
  Auditory confirmation assures that implants are deployed.
- **Detail**
  Adjustable depth limiter eliminates the risk of early deployment and damaging nearby neurovascular structures.
- **High Efficiency**
  Reinforced needle rod penetrates with ease.

- Neosys meniscal repair options are available to treat the wide range of meniscal tears encountered.
- Secure and reliable repairs are performed based on the tear location with the Neosys Meniscal repair system, #2 Fibersuture / PEEK implants.
- Hybrid repairs afford reliable fixation while avoiding extensive tissue dissection and neurovascular injury.



KNEE



Order Informations

Ref Code 9901010 ALL INSIDE MENISCAL REPAIR SYSTEM

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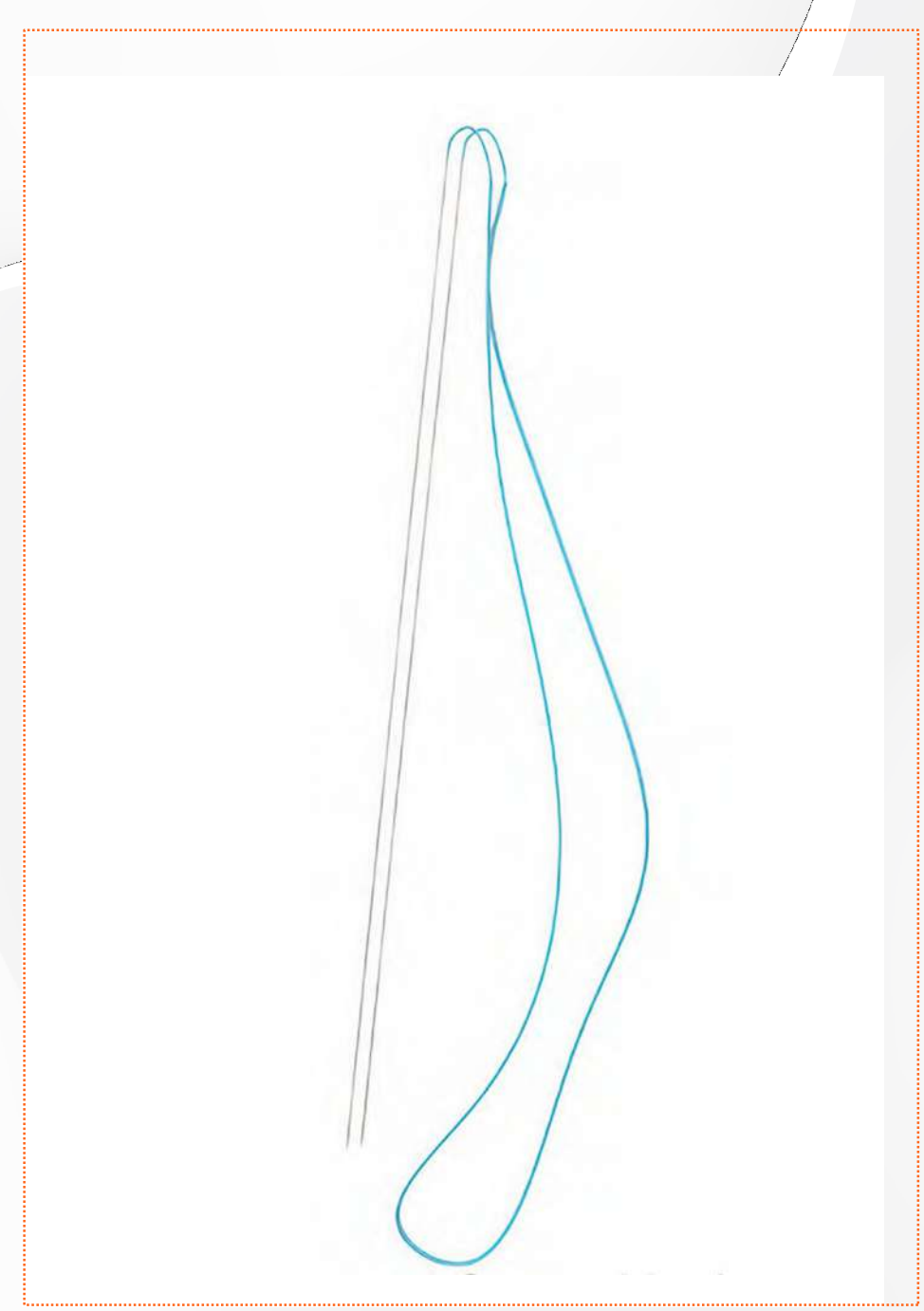
MENISCAL SUTURE INSIDE OUT

Srm suture has been designed for arthroscopic repair of the menisci. consists of an ultra-strong 2-0 suture with 250mm long needles at both tips these needle dimensions are optimal for working through arthroscopy cannulas the ultra-strong suture offers smooth gliding, maximum stability and low kno profile.



Order Informations

Ref Code	9901012 SUTURE USP 2-0 / METRIC 3 (0.3mm) FIBER TYPE SUTURE (UHMWPE)

NeoSys

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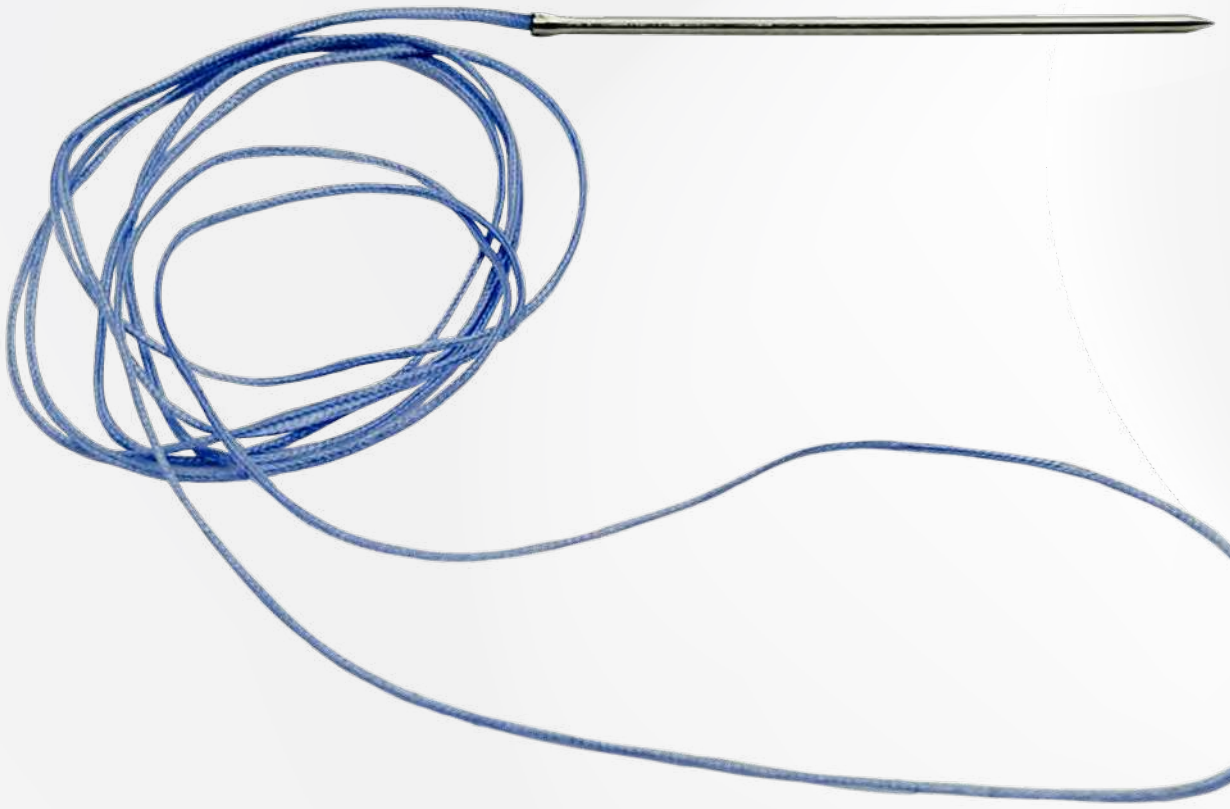
FIBER LOOP

- FIBER LOOP is a synthetic, sterile, braided composite suture composed of dyed absorbable polydioxanone (PDS) and undyed non-absorbable polyethylene.
- The suture is partially absorbable and coated with a copolymer of 90% caprolactone and 10% glycolide.
- The PDS copolymer has been shown to be nonantigenic and nonpyrogenic, eliciting only a slight tissue reaction during absorption.
- FIBER Suture meets USP and EP standards, except for diameter.
- The maximum oversize diameter allowed by USP is 0.041 mm.
- FIBER Suture has been tested and approved for use in orthopedic applications.
- **Indications:** FIBER LOOP is indicated for general soft tissue approximation and/or ligation, including orthopedic procedures.

ACTIONS

- The results of implantation studies of FIBER LOOP in animals indicate that approximately 80% of its original strength remains six weeks after implantation.
- Data obtained from implantation studies in rats show that the absorption of the PDS component of FIBER LOOP is essentially absorbed between 182 and 238 days post implantation.



Order Informations

Ref Code	FBL0820	FIBER LOOP

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PEEK INTERFERENCE SCREWS

Material: PEEK

- Provides strong mechanical fixation for both bone-patellar tendon-bone (BTB) and soft tissue grafts in ACL and PCL reconstruction.
- PEEK Interference Screws feature a thread pattern that allows for a simple surgical technique, with minimal tunnel preparation.
- With a modulus similar to cortical bone, PEEK polymer exhibits an ideal combination of strength, stiffness, and toughness, together with a bio-inert nature and MRI compatibility.
- PEEK screw has the closest character to bone structure.
- It is more resistant than Biocomposite and PLLA.

Bioabsorbable screws are easy to revise compared to traditional screws. The foreign substance does not react.

INDICATION

- **Knee:**
  ACL repair
  Lateral and medial cholateral ligament reconstruction.
  Achilles tendon repair
  Lateral ST, FDL and FHL tendon repair
- **Hand:**
  Ligament reconstruction
  SCL
  KLR
- **Elbow:**
  Distal Biceps tendon repair
  UCL
- **Shoulder:**
  Proximal biceps tendon repair

- **Sizes:**

7x25mm , 7x30mm, 8x25mm,
8x30mm ,9x25mm, 9x30mm,
10x25mm , 10x30mm ,11x20mm

Order Informations

Ref Code	
	ART.P7.025 - 7X25MM PEEK INT. SCREW
	ART.P7.030 - 7X30MM PEEK INT SCREW
	ART.PS.025 - SX25MM PEEK INT SCREW
	ART.P9.025 - 9X25MM PEEK INT.SCREW
	ART.P9.030 - 9X30MM PEEK INT.SCREW
	ART.P10.025 10X25MM PEEK INT.SCREW
	ART.P10.030 10X30MM PEEK INT.SCREW
	ART.P11.025 11X25MM PEEK INT.SCREW
	ART.P11.030 11X30MM PEEK INT.SCREW

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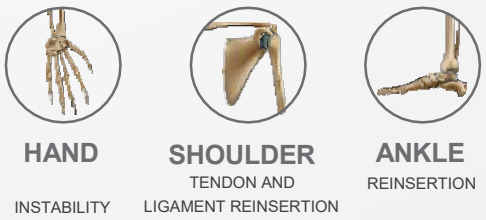

RF ABLATION PROBES
Perfect Ablation at Lower Power

- Perfect Ablation at Lower Power
- Reduced Potential for Thermal Injury
- No Dedicated Console Required
- The dramatic increase in efficiency allows the Ablation probes to operate at lower power levels than comparable ablators, achieving aggressive ablation quickly with reduced potential for thermal injury to the patient.
- Distal end configuration provides improved access and allows tissue resection as well as bulk vaporization.
- No dedicated radio frequency (RF) generator is required. Compatible with most commercially available multi-purpose generators-electrosurgical units.
- Ablation probes are available in 90 degrees.
- These devices are designed for general surgical use, including orthopedic and arthroscopic applications of resection, ablation, excision of soft tissue, hemostasis of blood vessels, and coagulation of soft tissue.

- **Arthroscopic surgery may include:**
  - Knee
  - Shoulder
  - Ankle
  - Elbow
  - Wrist
- Arthroscopic probes are used with an electrosurgical system to deliver radio frequency energy for patient treatment.

Order Informations

Ref Code AP090M ABLATION PROBE 90 DEGREE MONOPOLAR

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SCORPION SUTURE PASSER

- Scorpion suture passer is used in shoulder arthroscopy for rotator cuff and labral repair.
- Designed for simplicity, the easy-to-use Scorpion side-loading suture passer supports more successful suture passes.
- The front side of the bottom jaw is solid to prevent suture and soft tissue from entering the bottom jaw when positioning onto the tendon.
- The suture-retrieving top jaw helps seamlessly pass and retrieve #2 Fiber suture.
- The Scorpion suture passer has a quick-loading bottom jaw and suture-retrieving top jaw.
- This intuitive suture passer's streamlined, low-profile jaws are designed for easily maneuvering the glenohumeral space, fit through a 7.0 mm cannula, and are ideal for passing and retrieving #2 Fiber suture through a single portal.

Order Informations

Ref Code SCSP1000 SCORPION SUTURE PASSER LONG
SCMP1001 SCORPION SUTURE PASSER SHORT

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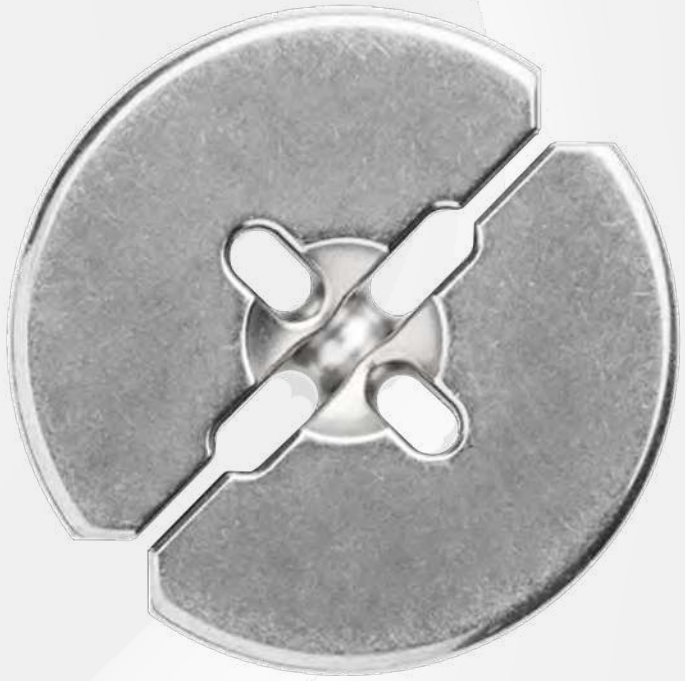
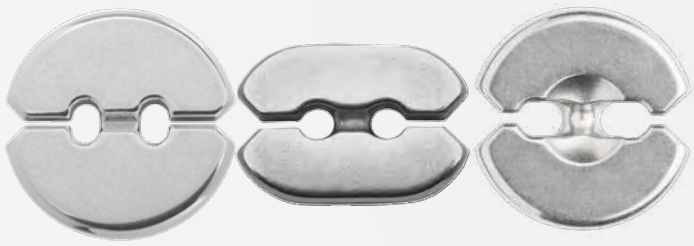
SHOULDER
TENDON AND
LIGAMENT REINSERTION

ATTACHABLE BUTTON SYSTEM (ABS)

- The ABS has revolutionized tibial fixation of ACL and PCL grafts used in knee ligament surgery.
- ABS loops can be used on all graft types and attached to a variety of button configurations for fixation over sockets created with a drill or full tunnels with concave buttons.
- The flat-tape ABS loop improves handling characteristics and is designed to reduce graft abrasion.
- The two-piece ABS implant easily passes through narrow bone tunnels and allows increased cortical fixation with the assembly of a large button over the cortical bone.
- Use the ABS for tibial fixation during all-inside ACL reconstruction using graft fixation over tunnels created during transtibial ACL reconstruction.





Slotted buttons can be loaded onto the implant and locked into place.

Larger attachable button options extend the footprint, maximizing button-to-bone contact against the cortex.

Buttonless implant facilitates passing through narrow bone tunnels.

NeoSys

www.neosysmed.com

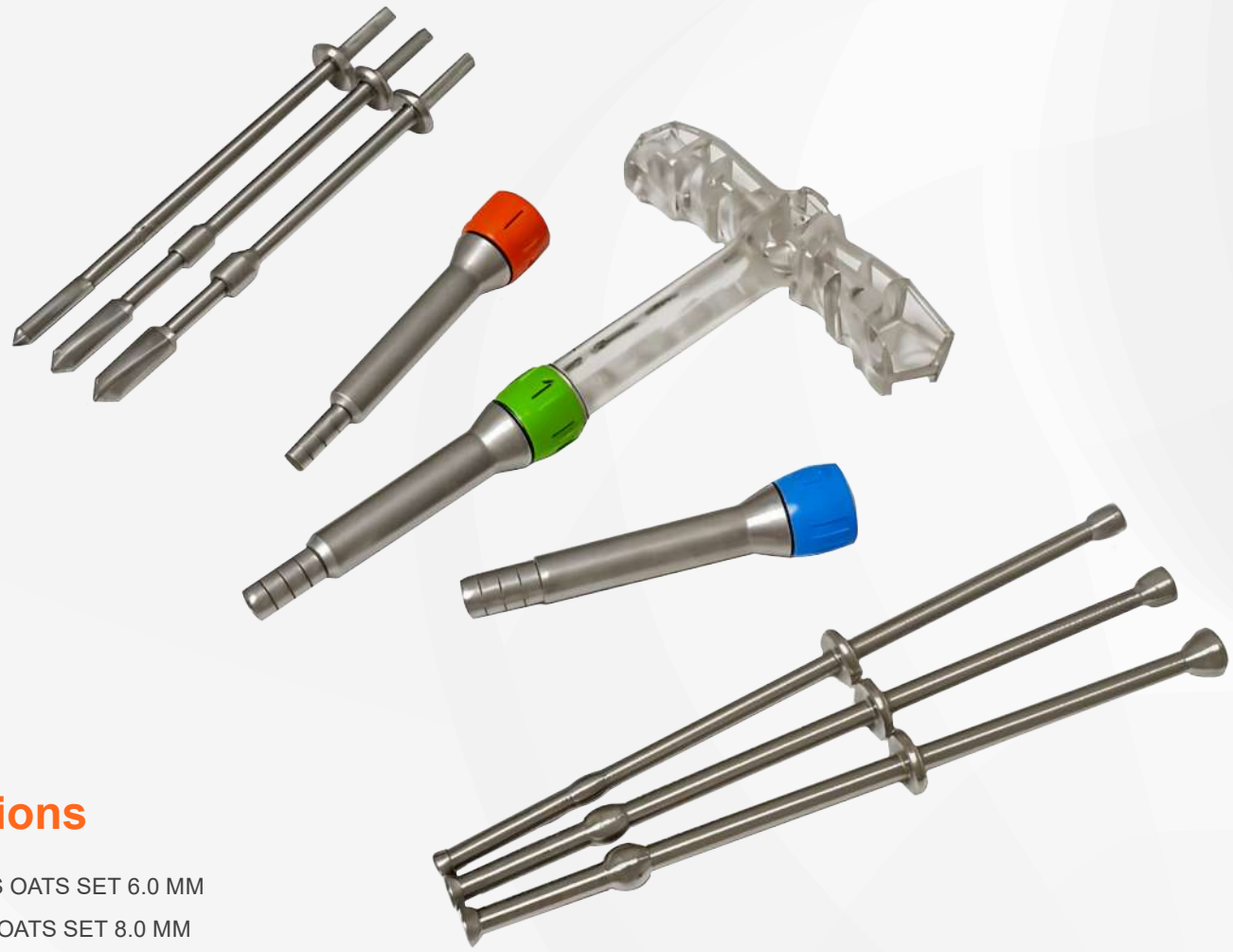
DISPOSABLE OATS SET

DEVICE DESCRIPTION

- The Osteochondral Autograft Transfer System (OATS) includes the original OATS Set and the Single Use OATS Set.
- The OATS sets are size-specific cylindrical Harvesters with Collared Pins and various instruments to assist with graft insertion.
- The set includes a Pin, along with the optional Graft Driver and Core Extractor.
- It also includes a transparent Graft Delivery Tube for visualization of the graft during insertion.
- The Coring Reamers and Bone Graft Harvester sets are cylindrical bone core harvesters that include a collared pin.
- Suture Pass will simplify suture manipulation in arthroscopic procedures.

INDICATIONS

- The OATS system is designed for Osteochondral Autograft Transplantation.
- The Coring Reamer System is designed to harvest a cylinder of cancellous bone while simultaneously creating the tibial tunnel.
- The harvested bone core can then be used to fill the patellar tendon harvest site, construct a bone-hamstring tendon-bone allograft, or enhance biological fixation of ACL grafts.
- The Bone Graft Harvester is designed to be used for various autograft bone harvesting procedures.
- Suture Pass will simplify suture manipulation in arthroscopic procedures.



Order Informations

Ref Code	AR-1981-06S OATS SET 6.0 MM
Ref Code	AR-1981-0S OATS SET 8.0 MM
Ref Code	AR-1981-10S OATS SET 10.0 MM

NeoSys

www.neosysmed.com

DISPOSABLE CANNULAS

The Cannula System is designed for general surgical use to maintain portals during insertion or extraction of instruments. A blunt obturator is provided for cannula placement.

MATERIAL

Cannula: Polycarbonate Obturator: Polycarbonate Dam/Seal: Silicone Tethered Cap: PVC, PE

INDICATIONS

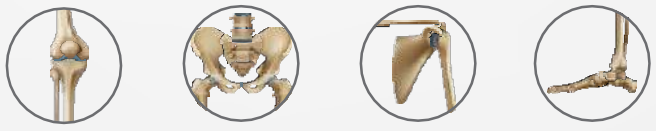
Designed for general arthroscopic surgical use to maintain portals during insertion or extraction of instruments.

Order Informations

Ref Code	CN0770 7X70MM CANNULA
	CN0870 8X70MM CANNULA

NeoSys

www.neosysmed.com



BIOACTIVE MATERIALS

BIOABSORBABLE SUTURE ANCHORS

The idea of using various biomaterials to alleviate the loss of function in the human body is quite old. Since the mid-20th century, many bioinert materials from intraocular lenses to knee / hip prostheses have been successfully used to eliminate function losses in the body.

Bioinert materials are biocompatible, however, their capacity to regenerate in the body is limited and they bring various problems in their long-term use.

Although biodegradable materials have recently been proposed and have contributed to higher this limited capacity, they have not attained clinical success in the degradation stage due to their effects on the chemical environment in the defect area.

The new generation biocomposite materials are characterized by bioactive capacities coming from their design and biological integration with cells and mechanisms to trigger new tissue formation.

All implants produced by BMT BAPS are bioactive composits and support the formation of new tissue in all the indications replacing them with healthy tissue.

TCP-PLGA High-strength biocomposite material that transforms into bone

Strong resistance and maximum bone retention due to conical structure

Unique tooth structure provides to be implanted by tagging and screwing

0,50 mm UHMWPE Suture

Bankas
Suture Anchor

With its conical, perfect groove and tooth structure, BANKAS, is manufactured for smaller implant areas and offers the opportunity to be tagged or screwed in with the help of specially designed sender.

Thanks to biocomposite (PLGA + TCP) implant and UHMWPE suture materials, it provides excellent implementation, treatment and results for patients and physicians.

NeoSys

www.neosysmed.com

Order Informations

Ref Code	BAP19042310 Bankas Ø2.34 mm x L10 mm

Information: 0.40 mm White

BIOACTIVE MATERIALS

BIOABSORBABLE PINS

The idea of using various biomaterials to alleviate the loss of function in the human body is quite old. Since the mid-20th century, many bioinert materials from intraocular lenses to knee / hip prostheses have been successfully used to eliminate function losses in the body.

Bioinert materials are biocompatible, however, their capacity to regenerate in the body is limited and they bring various problems in their long-term use.

Although biodegradable materials have recently been proposed and have contributed to higher this limited capacity, they have not attained clinical success in the degradation stage due to their effects on the chemical environment in the defect area.

The new generation biocomposite materials are characterized by bioactive capacities coming from their design and biological integration with cells and mechanisms to trigger new tissue formation.

All implants produced by BMT BAPS are bioactive composits and support the formation of new tissue in all the indications replacing them with healthy tissue.

TCP-PLGA High-strength biocomposite material that transforms into bone

5 different sizes

Easy implantation of arthroscopic or minimally invasive use

BaPin
Bioabsorbable Pin

Thanks to the PLGA + TCP biocomposite structure that can be transformed to bone for traumatic joint fractures, small bone fractures and deformities, BAPIN provides ease of implementation for the physician due to its unique multi-size options and separate sender guides for each diameter.

Order Informations

Ref Code	BAP19010225 BaPin Ø2 mm x L25 mm
Ref Code	BAP19010240 BaPin Ø2 mm x L40 mm
Ref Code	BAP19010325 BaPin Ø3 mm x L25 mm
Ref Code	BAP19010340 BaPin Ø3 mm x L40 mm
Ref Code	BAP19011312 BaPin Mini Ø1.3 mm x L12
Ref Code	BAP19011720 BaPin Basic Ø1.7-2.3 mm x L20 mm

NeoSys

www.neosysmed.com

BIOACTIVE MATERIALS

BIOABSORBABLE SUTURE ANCHORS

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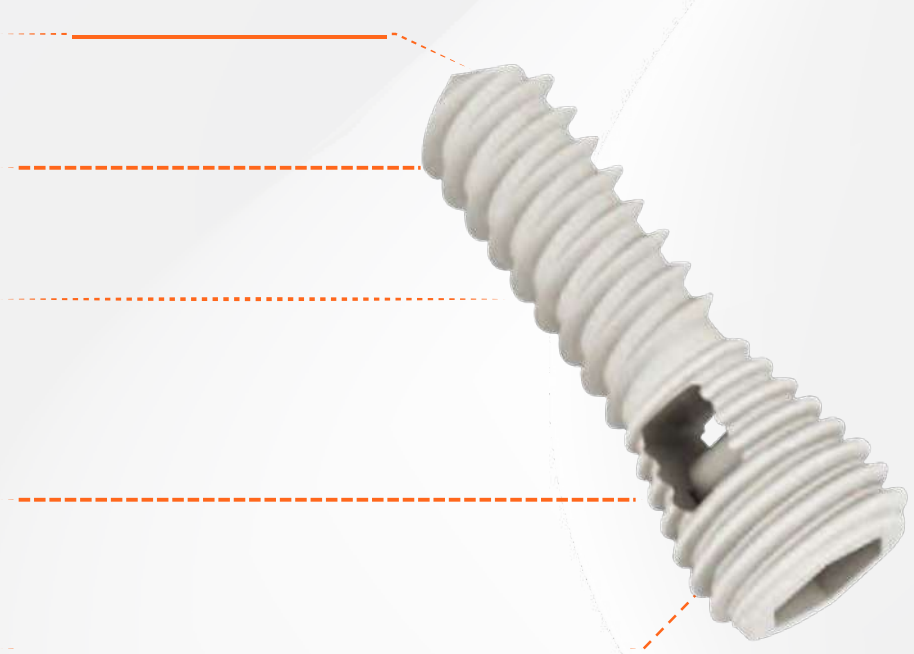

Basat
Suture Anchor

With its different tooth characteristics and ergonomy, BASAT designed on implant + double suture logic and manufactured with minimum pull out and maximum bone retention.

In cases where revision is required, it provides sufficient bone stock to be preserved due to its ability to transform into bone.

Thanks to biocomposite (PLGA + TCP) implant and UHMWPE suture materials, it provides excellent implementation, treatment and results for patients and physicians.

NeoSys

www.neosysmed.com

Order Informations

Ref Code	BAP19055516 Basat Ø5.5 mm x L16 mm
Ref Code	BAP19056516 Basat Ø6.5 mm x L16 mm

Suture Information: 0.55 mm White + 0.55 mm Blue lined

BIOACTIVE MATERIALS

CHONDROD CARTILAGE IMPLANT

The idea of using various biomaterials to alleviate the loss of function in the human body is quite old. Since the mid-20th century, many bioinert materials from intraocular lenses to knee / hip prostheses have been successfully used to eliminate function losses in the body.

Bioinert materials are biocompatible, however, their capacity to regenerate in the body is limited and they bring various problems in their long-term use.

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The new generation biocomposite materials are characterized by bioactive capacities coming from their design and biological integration with cells and mechanisms to trigger new tissue formation.

All implants produced by BMT BAPS are bi[illegible] composits and support the formation of new tissue in all the indications replacing them with healthy tissue.

A new generation of cartilage and subchondral bone repair material with international patent

Cartilage / PGA
Subchondral Bone / TCP-PLGA

Arthroscopic or minimally invasive easy implantation

For Knee Joint and Ankle Joint ideas
Wide size range easy implantation

ChondRoD
Osteochondral Cartilage Implant

A biodegradable, three-layer, cell-free cartilage implant designed to be applied in degenerative and posttraumatic cartilage defects (lesion).

PLGA + TCP / PGA Biocomposite content provides a strong subchondral bone and hyaline-like cartilage formation.

Diameter and height options provides the possibility of application in all joints such as knee, ankle (talus) etc.

Thanks to the patented channel in the middle of the product, it allows the migration of osteoprogenitor and chondroprogenitor cells into the defect area.

Thanks to the unique surgical set, it allows for arthroscopic and minimally invasive implementation.

Order Informations

Ref Code	BAP19030605 ChondRoD Ø6 mm x L5 mm
Ref Code	BAP19030610 ChondRoD Ø6 mm x L10 mm
Ref Code	BAP19030805 ChondRoD Ø8 mm x L5 mm
Ref Code	BAP19030810 ChondRoD Ø8 mm x L10 mm
Ref Code	BAP19031005 ChondRoD Ø10 mm x L5 mm
Ref Code	BAP19031010 ChondRoD Ø10 mm x L10 mm
Ref Code	BAP19031507 ChondRoD Ø15 mm x L7 mm

NeoSys

www.neosysmed.com

BIOACTIVE MATERIALS

BIOABSORBABLE INTERFERENCE SCREWS

The idea of using various biomaterials to alleviate the loss of function in the human body is quite old. Since the mid-20th century, many bioinert materials from intraocular lenses to knee / hip prostheses have been successfully used to eliminate function losses in the body.

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All implants produced by BMT BAPS are bioactive composits and support the formation of new tissue in all the indications replacing them with healthy tissue.

Intas
Interference Screw

Biocomposite / bioactive (PLGA + TCP) interference screw designed for soft tissue grafts in the tibia / femur (ACL-PCL) without damaging and involvement the soft tissue during the cross-link reconstruction procedures;

In addition to ACL - PCL reconstructions, INTAS offers a wide range of diameter and length options, as well as medial and lateral ligament repair in the knee, medial patellafemoral ligament reconstruction (femoral fixation), biceps tendonesis in the shoulder, and the possibility of use for the distal biceps tenodesis in the elbow, transforming into the bone the soft tap ensures better penetration into the bone. Ratcheting sender provides ease of application to the physician.

NeoSys

www.neosysmed.com

Order Informations

Ref Code	BAP19020625 Intas Ø6 mm x L25 mm
Ref Code	BAP19020630 Intas Ø6 mm x L30 mm
Ref Code	BAP19020725 Intas Ø7 mm x L25 mm
Ref Code	BAP19020730 Intas Ø7 mm x L30 mm
Ref Code	BAP19020825 Intas Ø8 mm x L25 mm
Ref Code	BAP19020830 Intas Ø8 mm x L30 mm
Ref Code	BAP19020925 Intas Ø9 mm x L25 mm
Ref Code	BAP19020930 Intas Ø9 mm x L30 mm
Ref Code	BAP19021025 Intas Ø10 mm x L25 mm
Ref Code	BAP19021030 Intas Ø10 mm x L30 mm
Ref Code	BAP19021125 Intas Ø11 mm x L25 mm
Ref Code	BAP19021125 Intas Ø11 mm x L30 mm

BIOACTIVE MATERIALS

BIOABSORBABLE SUTURE ANCHORS

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TCP-PLGA High-strength biocomposite material that transforms into bone

Highly resistant and practical implementation with 90 mm UHMWPE suture with 0.55 mm diameter in diversified directions

The two-piece design completely staying inside the implant, providing suture safety and implant strength.

Pentas
Suture Anchor

PENTAS provides various options due to the directions of the sutures which are 90 degrees right angle to each other.

PENTAS, with its patented, double-part structure, ensures that the suture remains completely in the implant and guarantees a very high strength.

PENTAS, designed on implant + double suture logic with its excellent performance from the past experience, offers excellent implementation, treatment and results to patient and physician thanks to biocomposite (PLGA + TCP) implant and UHWMPE suture materials.

NeoSys

www.neosysmed.com

Order Informations

Ref Code	BAP19055516 Pentas Ø5.5 mm x L16 mm
Ref Code	BAP19056516 Pentas Ø6.5 mm x L16 mm

Suture Information: 0.55 mm White + 0.55 mm Blue lined

OMNIAFIX
NITINOL MICRO FRACTURE SYSTEM

OmniAfix offers a smaller and more desirable solution than standard micro-fracture applications. Microfracture tools are used to perform microfracture procedures for the treatment of defective areas in localized articular cartilage. Omniafix damages less surface area than a standard micro-fracture technique and is specifically designed to reduce subchondral surface damage. It has a depth of 9 mm.

NeoSys

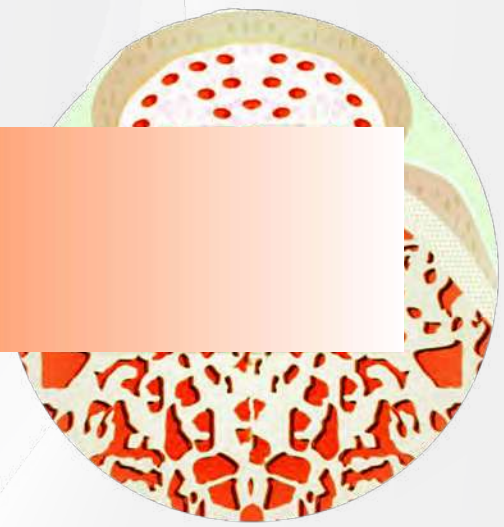
www.neosysmed.com

Order Informations

Ref Code	OMN1001 NANOFRACTURE PIN
Ref Code	OMN1002 IMPACTOR INSTRUMENT

OMNIAFIX
NITINOL MICRO FRACTURE SYSTEM

SMALLER
DEEPER
BETTER



Average
9mm depth

“The overriding finding of the present study is that small subchondral drill holes reflecting the physiological subchondral trabecular distance significantly improve osteochondral repair.”

Eldracher M, et. al. Small subchondral drill holes improve marrow stimulation of articular cartilage defects. AJSM 2014 Nov;42(11):2741-50.

Intra-Op
1.5 x 1.5 cm
Full Thickness Defect

Pre-Op MRI

6 Month
Post-Op MRI
after NanoFx

NeoSys

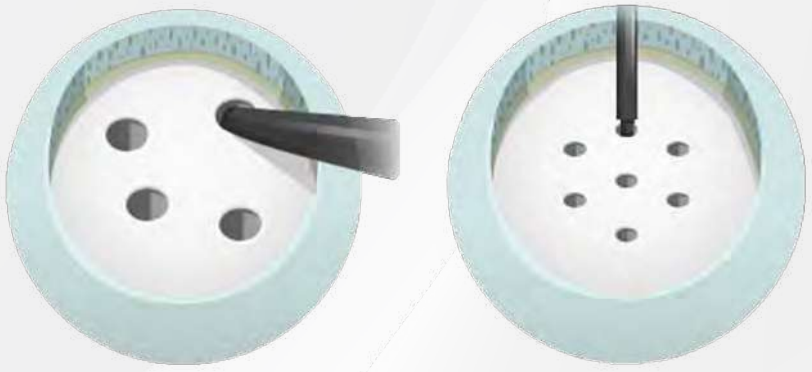
www.neosysmed.com

OMNIAFIX
NITINOL MICRO FRACTURE SYSTEM

SMALLER

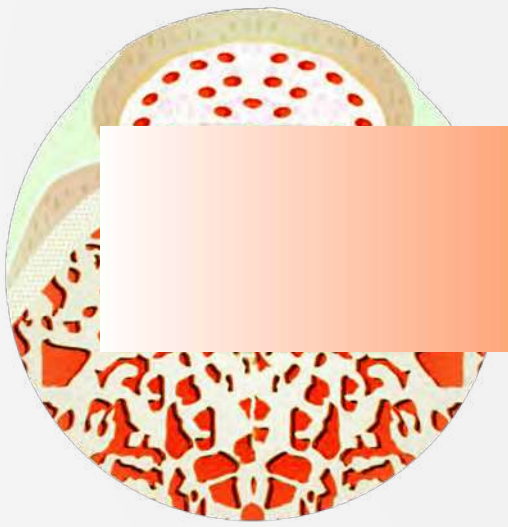
"Significant enhancements were observed at the level of individual parameters and of overall histological articular cartilage repair, together with improved immunoreactivity to type II and type I collagen of the cartilaginous repair tissue. Second, the microarchitecture of both the subchondral bone plate and the subarticular spongiosa was better reconstituted."

Eldracher M, Orth P, Cucchiarini M, Pape D, Madry H. Small subchondral drill holes improve marrow stimulation of articular cartilage defects. Am J Sports Med. 2014 Nov;42(11):2741-50.



3mm Channels Microfracture

1mm Channels NanoFx



Average 8mm depth

Pluri-potential cells

DEEPER

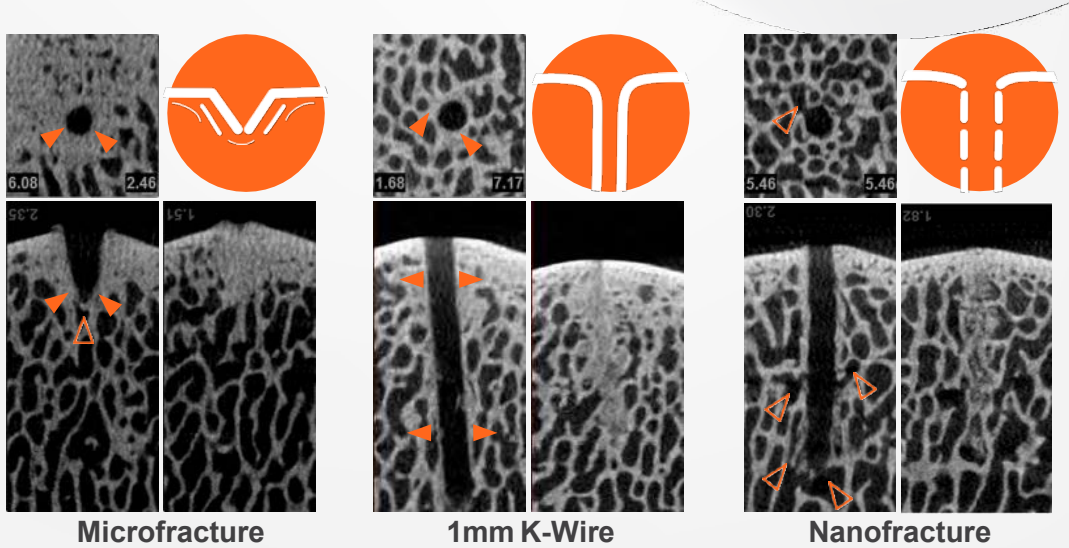
The standardized 9mm perforation depth provides improved access to the targeted marrow cells.

*** "Deeper versus shallower elicited greater fill of the cartilage defect with a more hyaline character in the repair matrix."**

Chen H, Hoemann CD, Sun J, Chevrier A, McKee MD, Shive MS, Hurtig M, Buschmann MD. Depth of subchondral perforation influences the outcome of bone marrow stimulation cartilage repair. J Orthop Res. 2011 Aug;29(8):1178-84.

BETTER

Figures: △ open trabecular channels; ▲closed trabecular channels, microCT comparison: Axial (top), Sagittal (bottom).



Microfracture **1mm K-Wire** **Nanofracture**

NeoSys

www.neosysmed.com

INSTRUMENTS

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Stainless steel valve, easy for maintenance, avoid damaging
- Handle wheel of working element has ups and downs indicator
- Low temperature plasma sterilization can be used

Endoscope-Arthroscope

CN020101

0° Endoscope
φ4mmx175mm

CN020102

30° Endoscope
φ4mmx175mm

CN020103

70° Endoscope
φ4mmx175mm

1.Connecting to STORZ light cable

Connecting to OLYMPUS light cable

2. Connecting to WOLF light cable

3. Connecting to ACMI light cable

NeoSys

www.neosysmed.com

INSTRUMENTS

Arthroscope Sheat

CG070101
0° Sheath two-stopcock(Rotatable)
φ5.5mmx140mm

CG070201
30° Sheath two-stopcock(Rotatable)
φ5.5mmx140mm

CG070301
70° Sheath two-stopcock(Rotatable)
φ5.5mmx140mm

Trocar Cannula (Trocar)

CG060101
Prism puncture needled
φ4.3mmx184mm

CG060102

NeoSys

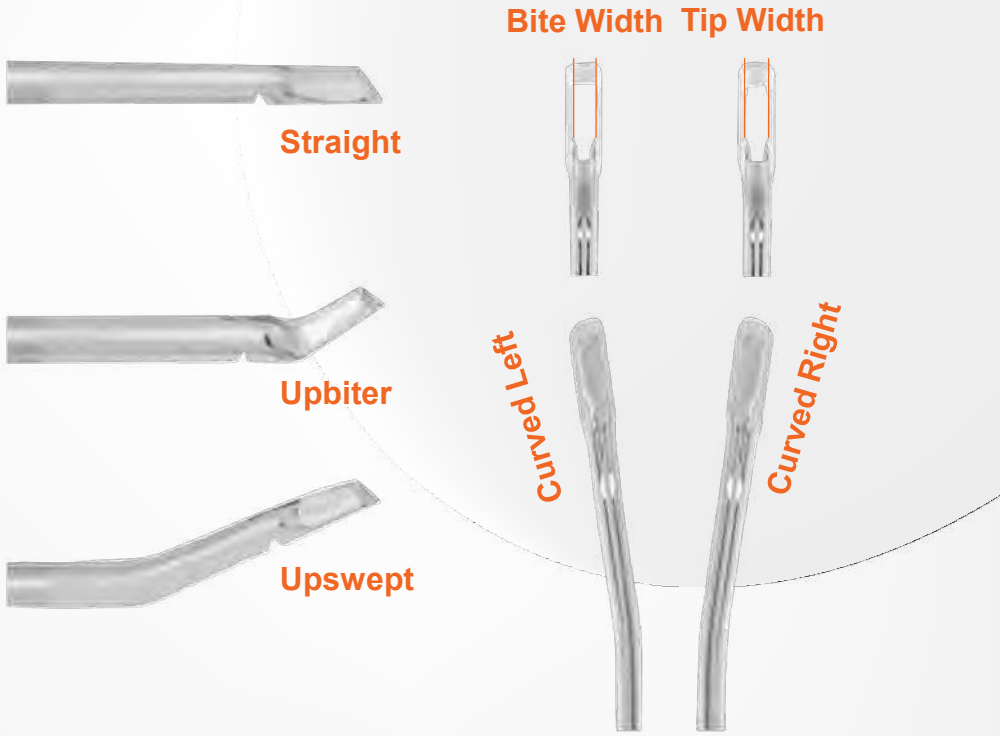
www.neosysmed.com

INSTRUMENTS Arthroscopy

- Multiple handle options to meet every Sugeon’s preference and for optimized use of jaw
- Uniform and accurate force distribution
- Wide range of punches and jaw patterns
- Easy and precise use
- Cleaning through luer lock flush port on tube shaft instruments
- Maximum power transmission through a pinless joint guide
- Long durability due to the use of high-quality stainless steels and polymers
- Precise cutting pattern due to optimized punching gap dimensions in the jaw area

For Options of Punches based on the Application

	 Small Joint Arthroscopy	 Knee Arthroscopy	 Shoulder Arthroscopy	 Hip Arthroscopy
Working length	90mm	120mm/130mm	155mm/160mm	185mm
Classic handl 	●	●	●	●
Ergo handle 	n/a	●	n/a	●
Handle with positioning 		●		
Handle Slide-lock 	●	●	●	●
Cylinder handle handle 	n/a	n/a	●	n/a



NeoSys

www.neosysmed.com

INSTRUMENTS - Arthroscopy

Oval Punch

Description	Bite Width	Tip Width	Ref#
straight	4.0 mm	5.80 mm	CY060521-01
upswept 15°	4.0 mm	5.80 mm	CY060521-02
curved left	4.0 mm	5.80 mm	CY060521-03
curved right	4.0 mm	5.80 mm	CY060521-0

Basket Punch Duckling

Description	Bite Width	Tip Width	Ref#
straight	3.2 mm	5.0 mm	CY061031-01
upswept 15°	3.2 mm	5.0 mm	CY061031-02
straight left	3.2 mm	5.0 mm	CY061031-03
straight right	3.2 mm	5.0 mm	CY061031-04
left curved, upward 15°	3.2 mm	5.0 mm	CY061031-05

Basket Punch Rotary

Description	Bite Width	Tip Width	Ref#
left90°	3.3 mm	7.9 mm	CY060331-01
right90°	3.3 mm	7.9 mm	CY060331-02

NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Basket Punch Standard

Description	Bite Width	Tip Width	Ref#
straight	1.7 mm	4.1 mm	CY060821-01
upswept 15°	1.7 mm	4.1 mm	CY060821-02
left curved, upward 30°	1.7 mm	4.1 mm	CY060821-03
right curved, upward 30°	1.7 mm	4.1 mm	CY060821-04

Basket Punch

Description	Bite Width	Tip Width	Ref#
straight	2.35 mm	3.56 mm	CY080111-01
upswept 15°	2.35 mm	3.80 mm	CY080111-02
curved left	2.35 mm	3.56 mm	CY080111-03
curved right	2.35 mm	3.56 mm	CY080111-04

Reverse Basket Punch

Description	Bite Width	Tip Width	Ref#
left	2.3 mm	5.5 mm	CY060101-01
right	2.3 mm	5.5 mm	CY060102-01

NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Suture Grasper

Tip Width	Working length	Ref#
4.0 mm	130mm/160mm/185mm	CY060205

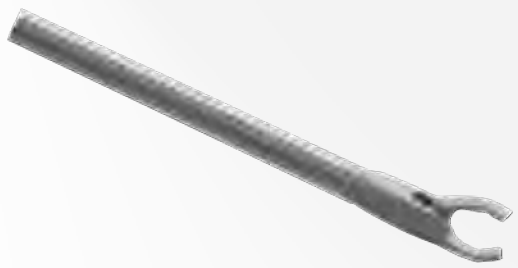
Suture Grasper 1.0L

Tip Width	Tip Length	Working length	Ref#
5.2 mm	10.5 mm	130mm/160mm/185mm	CY030003

Suture Grasper 2.1D

Tip Width	Tip Length	Working length	Ref#
5.9 mm	6.7 mm	130mm/customized	CY030004-01

Suture Grasper 3.4L



Tip Width	Tip Length	Working length	Ref#
4.7 mm	5.3 mm	130mm/customized	CY030005-01

NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Suture Grasper 11.3L

Tip Width	Tip Length	Working length	Ref#
5.3 mm	12 mm	130mm/customized	CY030002-01

Suture Grasper 1.0L

Tip Width	Working length	Ref#
4.1 mm	130mm/160mm/185mm	CY060203-01

Loose Body Forceps

Tip Width	Tip Length	Ref#
4.1mm	6.8 mm	CY060202-01

Cupped Grasper

Tip Width	Tip Length	Working length	Ref#
4.0 mm	7.3 mm	130mm/customized	CY060201-01

NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Alligator Mouth Grasping Forceps

Tip Width	Working length	Ref#
4.0 mm	185mm/customized	CY030008-01

Suture Retrievers

Tip Width	Working length	Ref#
4.0 mm	90mm/160mm/185mm	CY060204-01

NeoSys

www.neosysmed.com

INSTRUMENTS Shoulder Arthroscopy

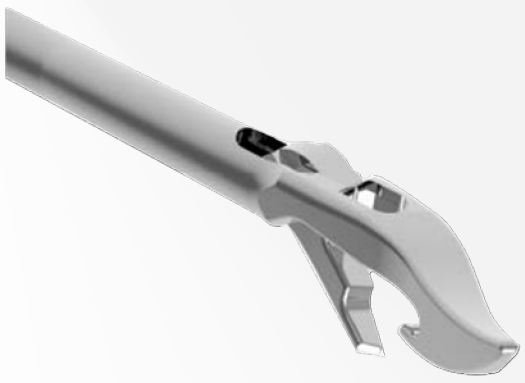
Bird Beak

Description	Tip Width	Ref#
Straight	3.4 mm	CY040004-01
Curved Left	3.4 mm	CY040007-01
Curved Right	3.4 mm	CY040002-01
Upswept30°	3.4 mm	CY040001-01
Upswept45°	3.4 mm	CY040003-01

Rhino Suture Passer Leftcurved

Description	Tip Width	Ref#
curved left	5.3 mm	CY040005

Rhino Suture Passer Rightcurved



Description	Tip Width	Ref#
curved right	5.3 mm	CY040006

NeoSys

www.neosysmed.com

INSTRUMENTS Shoulder Arthroscopy

Suture Cutters

Bite Widht	Tip Width	Ref#
3.0 mm	5.0 mm	CY020001
2.7 mm	4.2 mm	CY020003

Suture Cutter

Bite Widht	Tip Width	Ref#
2.7 mm	5.50 mm	CY020002

Siliding Suture Cutter

Bite Widht	Tip Width	Ref#
4.0 mm	0.9 mm	CY020005-02

NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Rasps

	Tip Widht	Working length	Ref#
Banana Knife	3.0 mm	105 mm	CG010101
Rosette Knife	3.0 mm	105 mm	CG010301
Bone File	3.0 mm	105 mm	CG010201

Right Angle Probe

	Tip Widht	Working length	Ref#
	3.0 mm	105 mm	CG040101
	5.0 mm	105 mm	CG040201

Currette

	Tip Widht	Working length	Ref#
Currette With Holes	3.0 mm	105 mm	CG050101
Currette	3.0 mm	105 mm	CG050201

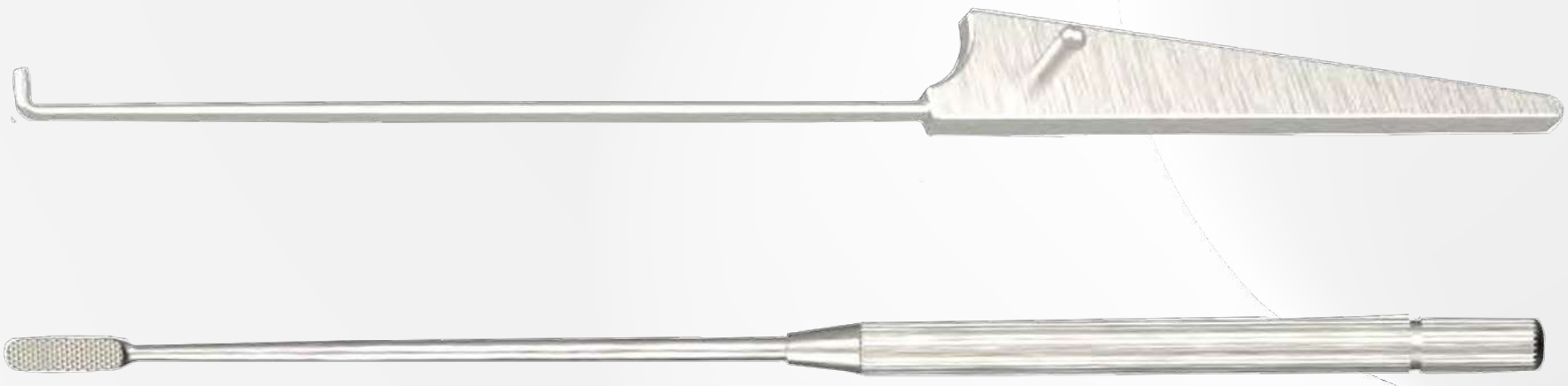
NeoSys

www.neosysmed.com

INSTRUMENTS Arthroscopy

Knives

	Tip Widht	Working length	Ref#
Meniscus Knife	3.0 mm	105 mm	CG020101
Half-Round Knife	3.0 mm	105 mm	CG020201
Spade Knife	3.0 mm	105 mm	CG020301
Backward Knife	3.0 mm	105 mm	CG030101
Hook Knife	3.0 mm	105 mm	CG030201



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INSTRUMENTS Arthroscopy

Knot Pushers

Tip Widht	Working length	Ref#
0.9 mm	165mm	CY020006-05
1.3 mm	165mm	CY020006-04
1.4 mm	160mm/180mm/185mm	CY020006-01-
2.0 mm	210mm	CY020006-06

Knot Pusher

Tip Widht	Working length	Ref#
0.3 mm	140mm/customized	CY020004

Knot Pusher

Tip Widht	Working length	Ref#
0.7 mm	145mm/customized	CY020007

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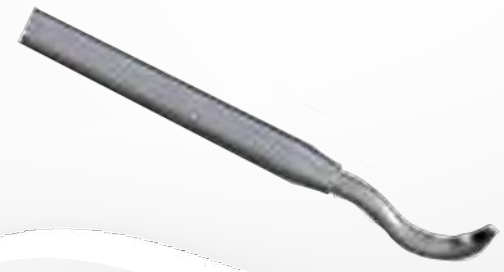
INSTRUMENTS Arthroscopy

Reusable Suture Shuttles



Description	Inside diameter	Tip Width	Ref#
right angle	1.0 mm	6.0 mm	CY050001
10° crescent	1.0 mm	6.0 mm	CY050004
curved left 20°	1.0 mm	6.0 mm	CY050005
curved right	1.0 mm	6.0 mm	CY050006
curved left 45°	1.0 mm	6.0 mm	CY050002
curved right 45°	1.0 mm	6.0 mm	CY050003
curved left 60°	1.0 mm	6.0 mm	CY050004
curved right 60°	1.0 mm	6.0 mm	CY020006-06
curved left 90°	1.0 mm	6.0 mm	CY020006-06

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SUTURE PASS LASSO

Suture passers in arthroscopic techniques

- SuturePass is a single use sterile device for suture passage through soft tissue for arthroscopic techniques. It is available with different angles for Bankart, SLAP and rotator cuff arthroscopic repairs.
- Suture Pass has a 2.0 mm external diameter endpoint; it is preloaded with a Nitinol monofilament loop used to carry the suture through soft tissue.
- The sharp point and the small diameter axis penetrate smoothly into the soft tissue; the reinforced axis withstands bending.
- Once the tip has penetrated into the soft tissue, the handle unfolds and it is retrieved through the cannula with a Crochet Hook or Suture Retriever.
- The suture thread or suture tail previously fitted to the loop is placed and pulled from the opposite end of the loop, thus releasing the suture though the tissue and out of the cannula.
- Easy to use.
- Suture Pass will simplify suture manipulation in arthroscopic procedures.

Order Informations

Ref Code	SL-4045L - Left Suture lasso 45°
Ref Code	4068 - STRAIGHT Suture Pass
Ref Code	SL-4045R- Right Suture Lasso 45°

Features

Disposable
PPreloaded with nitinol loop
ETO Sterile
Endpoint external diameter of Ø2.0mm

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SCORPIONS

- Especially designed to restore the rot. cuff and labral repair
- Use in combination with a single-use nitinol needle for
- Optimal suture (size #2)quidance in the operating room
- Slim line handle with optimized weight
- Optimized cleaning through luer lock flush port
- Easy puncturing of the tissue
- Available with and without finger ratchet
- Long finger handle for ergonomic safety activation of the jaws
- Trapdoor in top jaws for clamping the suture

Suture Needle 207 CY015001

Suture Needle 239 CY015002

Meniscal Scorpion

Tip Width	Working length	Ref#
6.4 mm	170 mm	CY010002

Scorpion Shoulder

Tip Width	Working length	Ref#
6.6 mm	170 mm	CY010003

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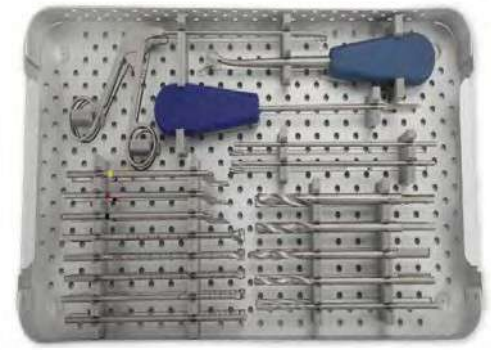
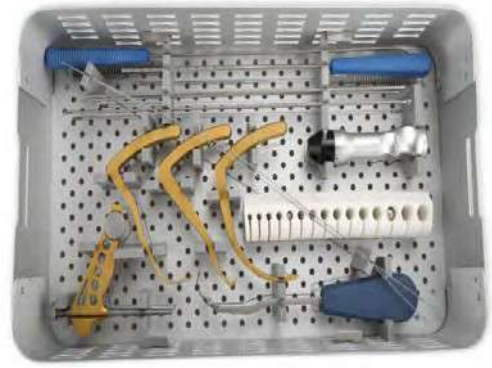
ACL PCL INSTRUMENT SET

INSTRUMENT NO	PRODUCT DESCRIPTION
4961.01020	Guide Wire φ1×450
4961.01021	Drill Bit φ2.3
4961.01022	Guide Wire φ2.4
4961.01023	Guide Sleeve 4mm
4961.01024	Guide Sleeve 5mm
4961.01025	Guide Sleeve 6mm
4961.01026	Drill Bit φ5-3
4961.01027	Drill Bit φ6-3
4961.01028	Drill Bit φ7-3
4961.01029	Drill Bit φ8-3
4961.01030	Drill Bit φ9-3
4961.01031	Drill Bit 5mm
4961.01032	Drill Bit 6mm
4961.01033	Drill Bit 7mm
4961.01034	Drill Bit 8mm
4961.01035	Drill Bit 9mm
4961.01036	Probe
4961.01037	Curette
4961.01038	Positioning Device
4961.01039	Graft Sizer
4961.01040	Elevator
4961.01041	Screwdriver
4961.01042	Handle
4961.01043	Angle Measurer 1
4961.01044	Angle Measurer 3
4961.01045	Angle Measurer 2
4961.01046	Drill Guide Handle
4961.01047	Reamer φ4.5-2.6
4961.71001	Crochet Hook Forceps





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4961.01020 Guide Wire φ1×450

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4961.01029 Drill Bit φ8-3

4961.01030 Drill Bit φ9-3

4961.01031 Drill Bit 5mm

4961.01032 Drill Bit 6mm

4961.01033 Drill Bit 7mm

4961.01034 Drill Bit 8mm

4961.01035 Drill Bit 9mm

4961.01036 Probe

4961.01037 Curette

4961.01038 Positioning Device

4961.01039 Graft Sizer

4961.01040 Elevator

4961.01041 Screwdriver

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ACL-PCL INSTRUMENTS

4961.01042 Handle

4961.01043 Angle Measurer 1

4961.01044 Angle Measurer 3

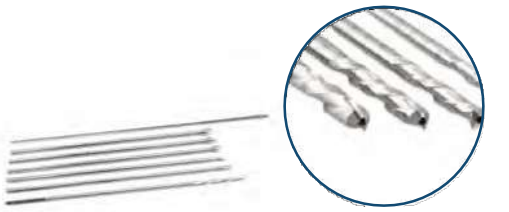
4961.01045 Angle Measurer 2

4961.01046 Drill Guide

4961.01047 Reamer φ4.5-2.6

4961.71001 Crochet Hook Forceps

4981.00006 Drill Guide



4981.00011 Femoral Drill

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ACL-PCL INSTRUMENTS

4981.00018 Tibial Drill

4981.00026 Awl

4991.87525 Switching Stick

4981.00027 Awl with Cutting Edge

4991.87526 Awl with Tap Tip

4961.01038 Drill Aimer

4991.87523 Hammer Common type

4961.01040 Tendon StriperHandle

4981.00028 Slotted Graft Sizer

4961.01037 Rasp, Up

4991.87527 Rasp, Up

4991.87528 Osteotome, Up

4961.01048 Tap

4991.87529 Depth Gauge

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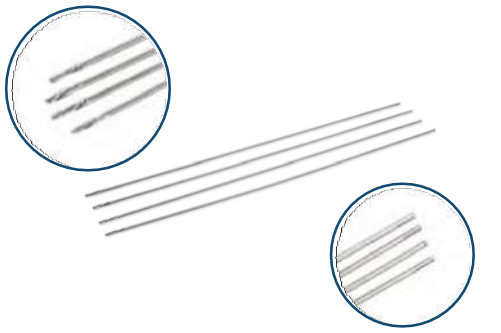
ACL-PCL INSTRUMENTS

4961.01036 Probe

4991.87530 Knot Pusher

4991.87531 Suture Passer

4991.87532 Suture Hook



4991.87533 Suture Guide Drill

4961.01043 Angle Measurer 1

4961.01044 Angle Measurer 3

4961.01045 Angle Measurer 2

4961.01046 Drill Guide

4961.01043 Angle Measurer

4961.01045 Shoulder Angle Measurer

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ACL-PCL INSTRUMENTS

4961.01038 Positioning Device

4961.01040 Tendon Striper

4961.01041 Crosshead Screwdriver

4961.02005 Awl, large

4961.02010 Tissue Elevator

4961.02012 Rasp

4961.02016 Awl, small

4961.02017 Awl, large

4991.87534 Achillon Suture Aimer

Inside-out Drill Bit

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PLASMA RADIOFREQUENCY SURGICAL SYSTEM

RF Console

- User-friend ly LCD touchscreen
  Allows vaporization, ablation, coagulation and haemostasis of soft tissue
- at a relatively low temperature to ensure a clear surgical view
- Rectangular wave output, rapid resection, max electrode ablation speed 4g/min
- Depth of tissue thermal damage <200um
- Utilizes controlled plasma-based bipolar RF technology
- With fault self-test function
- It has an automatic start-stop function to effectively protect the arthroscopy, and the output power can be adjusted automatically

Footswitch

- **Wireless pedal design, 10 meters long-distance communication**
- The waterproof rating is I P68
- Large pedal design to reduce the risk of accidental touch

SHAVER SYSTEM Console

- Independent Research and Development, Full LCD screen operation
- Automatic identification of shaver and grinding drill bit
- Features 2 fully functional channels that allow optional simultaneous handpiece operation
- The device has liquid suction and infusion functions
- Stable fluid perfusion management reduces intraoperative bleeding and keeps the operative field clear

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DISPOSABLE RADIOFREQUENCY PLASMA SURGICAL ELECTRODES

- Easy to use ergonomic hand controls
- Unique radio frequency square wave, the temperature is stable at 40-70°C, less thermal damage, high surgical safety
- Wide models are available for use in a variety of departments
- Self-contained suction channel to discharge intraoperative waste fluid in time and reduce the temperature in the joint cavity

Application

Orthopedics or ENT Surgery (Soft Tissue):

- **Cutting**
- **Ablation**
- **Coagulation**
- **Hemostasis**

18 Pin

27 Pin

8 Pin

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Ordering Information

Product Picture	Product Model	Specification
	LYRA-A111S	3.8×135×90°
	LYRA-A112S	3.8×135×90°
	LYRA-A112H	3.8×135×90°
	LYRA-A911S	3.8×135×90°
	LYRA-A912H	3.8×135×90°
	LYRA-A211S	3.8×155×50°
	LYRA-A212S	3.8×135×50°
	LYRA-A212H	3.8×135×50°
	LYRA-A311S	3.8×135×50°
	LYRA-A312H	3.8×135×50°
	LYRA-A502H	3.8×135×50°
	LYRA-A602S	2.8×85×35°
	LYRA-S201S	0.9×105×0°
	LYRA-S202S	0.9×105×0°
	LYRA-S301S	1.1×220×0°
	LYRA-S302S	1.1×220×0°
	LYRA-S104G	2.3×380×0°
	LYRA-S402S	1.5×135×0°
	LYRA-E103S	1.7×115×20°
	LYRA-E323S	4.5×125×45°
	LYRA-E423S	4.5×125×45°

Remarks H refers to the electrode with buttons, and S refers to buttons.

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SHAVER SYSTEM

Shaver Hand Pieces

- Lightweight imported motor, stable and reliable performance
- Ergonomic, non-slip and comfortable
- Manual button function to meet different surgical habits
- Positive and negative two-way cutter head interface design to meet different clinical needs
- Can be used high temperature and high pressure disinfection

Footswitch

- Wireless pedal design, 10 meters long-distance communication
- The waterproof rating is IP68
- Large pedal design to reduce the risk of accidental touch

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DISPOSABLE SHAVER BLADES AND BURS

- Various handle interfaces
- Disposable shaver blades that come in a wide range of options for a variety of arthroscopic surgical proced ures
- Friction-free and heat-free blades, experience uncompromising performance and efficiency
- Ultra-small size to meet the specific needs of mini arthoscopy
- Shaping cutter with coating, low friction coefficient, high hardness, not flaky; Good abrasion resistance, berter sharpness.

Application

- Soft-tissue and bone resection

Product Picture	Product Model	Specification
	LYBL0107SF	4.0 x l92mm
	LYBL0401SF	4.0 x l92mm
	LYBL0401SM	4.0 x l87mm
	LYBL0401SM	4.0 x l92mm
	LYBL0401SN	4.0 x l87mm
	LYBL0402SF	4.0 x l92mm
	LYBL0402SF	3.0 x l47mm
	LYBL0402SM	4.0 x l87mm
	LYBL0402SM	4.0 x l92mm
	LYBL0201SF	3.0 x l47mm
	LYBL0201SF	4.0 x l92mm
	LYBL0201SM	3.0 x l47mm
	LYBL0201SM	4.0 x l87mm
	LYBL0201SM	3.0 x l52mm
	LYBL0201SM	4.0 x l92mm
	LYBL0201SN	3.0 x l47mm
	LYBL0201SN	4.0 x l87mm
	LYBL1213SF	3.0 x l47mm
	LYBL1213SF	5.5 x l92mm
	LYBL1213SM	5.5 x l87mm
	LYBL1213SM	5.5 x l92mm
	LYBL1213SN	5.5 x l87mm
	LYBL1217SF	3.0 x l92mm
	LYBL1217SF	5.5 x l92mm
	LYBL1217SM	3.0 x l92mm
	LYBL1217SM	5.5 x l92mm
	LYBL1217SM	3.0 x l92mm
	LYBL1217SM	5.5 x l92mm
	LYBL1217SN	3.0 x l92mm
	LYBL1217SN	5.5 x l92mm

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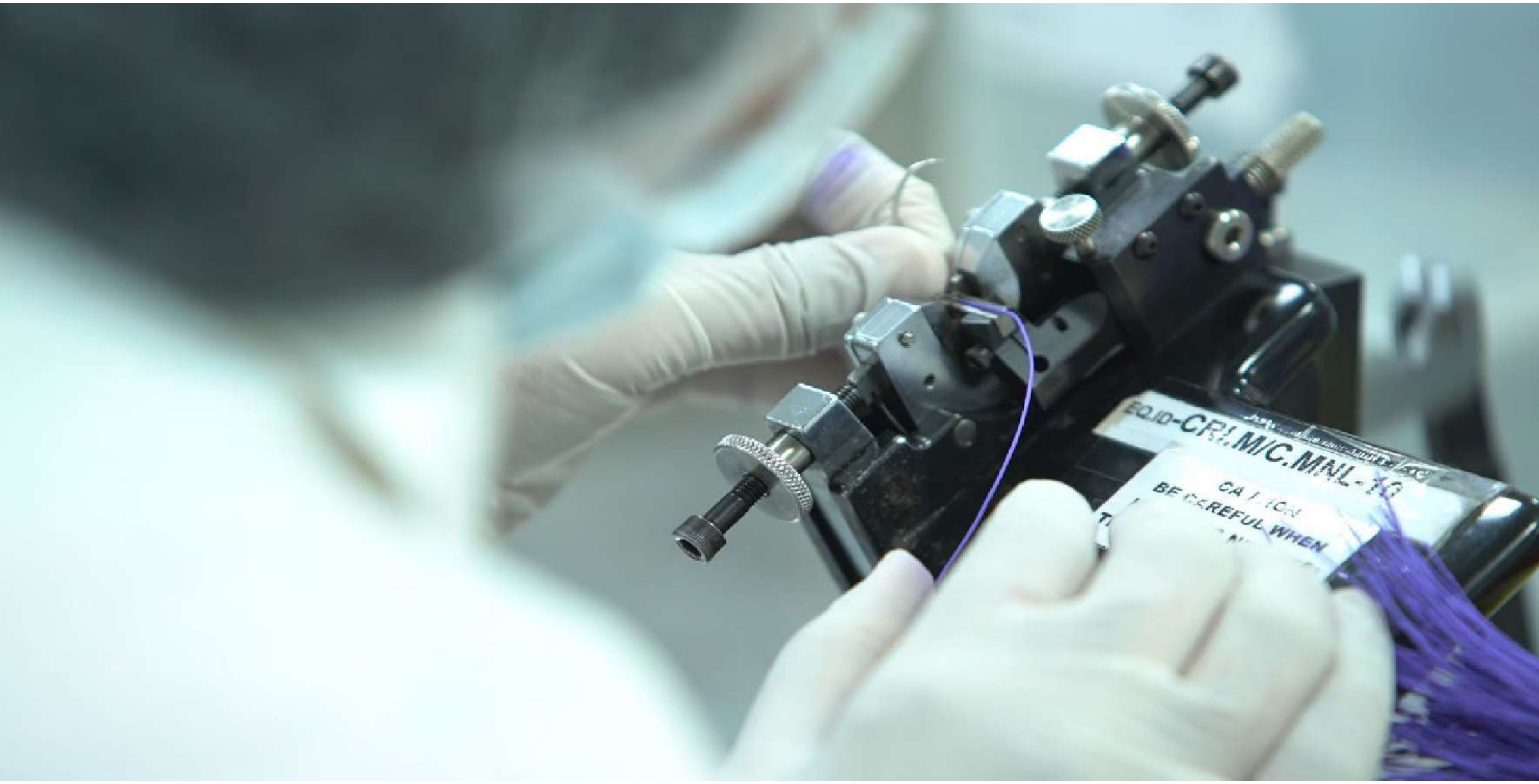

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