



Product Catalog

2023

 A Movora Brand

Ordering Information

Contact Us

Visit movora.com/order-online to find your local ordering site.

Visit movora.com/representatives to connect with your local Movora team.

Receipts and Orders

Each order is double checked for accuracy before it is sent. Please check your order at time of receipt.

Customers are responsible to notify Movora of any discrepancies within 48 hours of delivery.

Return Policy

Movora products are guaranteed to meet specifications and be free of defects in workmanship and materials. Returned products will be replaced or repaired at our discretion provided there is no evidence of abuse, misuse or unserviceability due to wear from prolonged use. Returned products should be returned "like new".

This policy presumes all instruments are used under normal operating conditions, established techniques and cleaned properly after each use. Returned instruments must be properly cleaned.

Visit our website, movora.com/order-online, for your local webstore to find your locally applicable return policy and all required forms .

Return authorization from Movora may be required. Review your local return policy for required forms and preauthorization.

Promotional Pricing

Promotional pricing is not valid on previous purchases or in combination with other offers. Product received as a value-add or part of a promotion is considered sale and is not eligible for credit or return.



Save Trees, Save Paper

Please consider the environment before printing this digital catalog.

*"Like new" is defined as clean, undamaged, free of autoclave deposits, stains, scratches, surgical field fluids and materials. We must be able to repackage and sell the item as new.

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OUR HISTORY

In 2020, BioMedtrix joined forces with KYON and Veterinary Orthopedic Implants to form the leading veterinary group: Movora. Since that time, more brands have joined Movora as we continue to build a portfolio of cutting-edge products for our diverse customer base.

BioMedtrix® was founded in 1989 with the objective of designing, developing, and manufacturing state-of-the-art veterinary orthopedic implants. In 2020, BioMedtrix joined forces with KYON and Veterinary Orthopedic Implants to form the leading veterinary group: Movora. Together, Movora's three companies establish a solid foundation with science-driven product development, and best-in-class education and customer support.

Our continuing mission is to provide quality in all aspects of product development, manufacturing, and customer service. Through research sponsorships and collaborations with the world's foremost surgeons, BioMedtrix continues to support the development of new programs to address veterinary needs.

BioMedtrix is represented in more than 95% of US veterinary teaching universities, selected international universities, and specialty clinics throughout the world. We have over 400 clients in more than 40 countries, many of whom have been using BioMedtrix products for over 30 years. This level of support from our customers provides BioMedtrix the opportunity to continue product innovation and development.

“ I attended the Advanced Total Hip Replacement course in Liverpool and spent two days in a wet lab with incredibly experienced tutors, which was invaluable and more productive than traditional lecture-based teaching. I would recommend this course to anyone wishing to improve their total hip arthroplasty technique. ”

*Dr. Duncan Midgley BVMS Cert SAO MRCVS
RCVS Advanced Veterinary Practitioner*

EDUCATION AND MENTORSHIP

Product Education

Mastering a veterinary total joint replacement or fracture repair system requires advanced education, personalized mentorship, and ample experience. In order to prepare surgeons to confidently establish a total joint replacement program, or expand the fracture repair options available at their clinic, BioMedtrix® offers product workshops through Movora Education globally.

Developed in cooperation with experienced industry-leading surgeons, these workshops consist of a comprehensive online educational component, supplemental classroom instruction, and extensive hands-on laboratory experience. This multi-faceted approach to education is designed to offer participating surgeons the necessary resources and support to sufficiently familiarize themselves with the procedure, and reliably offer an advanced orthopedic service to their clientele.

Each workshop details the application and surgical technique for a specific product such as the Universal Hip™ (BFX® and CFX® systems), Small Breeds Hip, I-Loc® IM Fixator, or TPLO Curve®. All BioMedtrix workshops are RACE approved for continuing education credit.

Classroom Instruction

Required skills and key concepts are reinforced via classroom lectures led by instructors experienced in both academic and private practice clinical settings. These lectures reinforce material provided within the online resources, and help prepare surgeons to participate in the hands-on laboratory exercises.

Laboratory Experience

Participating surgeons will acquire the necessary familiarity and experience with procedure instruments and implants through instructor led hands-on laboratory exercises. These exercises include both wet and dry-lab scenarios with personalized attention in an environment characterized by an intimate instructor to participant ratio.

“ The BioMedtrix Universal Hip Mentorship Program enabled me to improve my technique and confidence in the procedure before beginning clinical cases. The Program objectives are excellent. ”

Dr. Duncan Barnes

EDUCATION AND MENTORSHIP

Product Mentorship Program

Surgeons who have completed a BioMedtrix hip system workshop may choose to participate in the Product Mentorship Program. This program incurs additional costs and is designed to support new total joint replacement surgeons as they progress beyond attendance at a total joint replacement workshop towards performing clinical total joint replacement procedures. Surgeons who complete this program will have demonstrated an understanding of the concepts necessary for successful clinical results.

The program offers **three potential pathways** to practice the procedure, gain confidence, and validate a surgeon's comprehension of the concepts required for successful clinical results. Completion of the Mentorship Program is a **required process prior to purchasing implants from BioMedtrix** for total joint systems. The Product Mentorship Program is offered for the Universal Hip and Small Breeds Hip systems.

One of the following three pathways may be selected: **Cadaver Implantation, Surgeon Assist Training, or Mentor Training.**

Cadaver Implantation

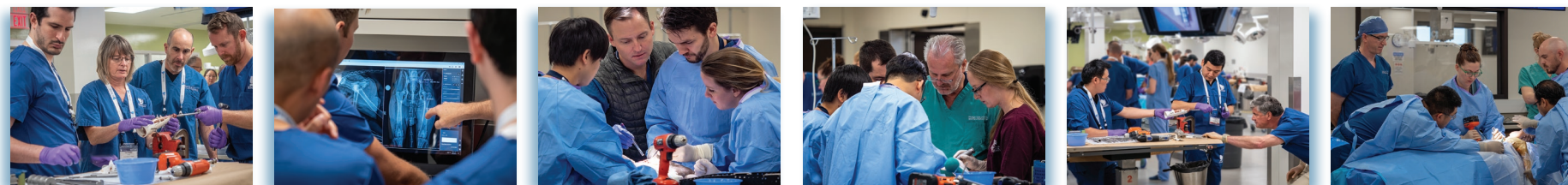
This pathway involves performing the surgery on canine cadavers and submitting pre and post-operative radiographs for assessment by a Clinical Adviser.

Surgeon Assist Training

In this pathway, an Instructor travels to the participating surgeon's practice and coaches a number of clinical cases, providing direct hands-on instruction.

Mentor Training

This pathway is for participants who have been assisting a mentoring surgeon who is proficient in the procedure and recognized by BioMedtrix. This mentor provides a letter of support, and clinical cases are submitted for evaluation by a BioMedtrix Clinical Adviser.



“ I strongly recommend taking advantage of the BioMedtrix Universal Hip Mentorship Program. In addition to encouraging problem solving, the instructor feedback, based on my surgery report and radiographs, was invaluable. ”

Dr. Michael McFadden

RESOURCES

Instrument Calibration Program

The Instrument Calibration Program is a quality control service developed to maintain the accuracy of BioMedtrix instruments. Intermittent reinspection, refurbishment, and/or replacement is recommended to ensure all surgical instrumentation is performing according to original design and manufacturing standards.

The Instrument Calibration Program consists of a scheduled submission of an instrument set for the following quality control procedures:

- Dimensional reinspection of all instruments
- Functional evaluation
- Repair (when possible)
- Refinishing and cleaning
- QC report submitted with recommendations

The Instrument Calibration Program is offered for all BioMedtrix systems and instruments. For best long-term maintenance, instruments should be submitted for inspection **prior to the recommended maximum number of cases for each instrument set** (recommended maximum cases listed next to product). To schedule an instrument set for calibration, email calibration@biomedtrix.com.

UNIVERSAL HIP SYSTEM

The Universal Hip system utilizes a metal-on-polyethylene bearing surface with a cobalt chrome Femoral Head and a Poly-XVE™ CFX® Acetabular Cup, or titanium BFX® Acetabular Cup with a Poly-XVE™ Liner. This highly cross-linked polyethylene infused with Vitamin E mitigates polyethylene wear to increase implant longevity.

Implant System

Both applications use the same primary surgical steps, providing the option to press-fit or cement into the same acetabular or femoral preparation. With a common head, implants are interchangeable between the two systems, allowing for hybrid fixation; meaning it is possible to cement one component and press-fit the other. Both BFX and CFX implants are available in a broad range of sizes. This combination of interchangeability and multiple implant sizes provides clinical options for the surgeon to resolve hip reconstruction problems in a wide range of dog sizes and breeds.

Instrument System

One set of instruments - the Universal Hip Basic Preparation Instrument Set - provides a common accurate preparation for either cementing CFX components or press-fitting BFX components. Supplement Instrument sets are required for use with CFX, Large Breed, and Lateral Bolt implants.

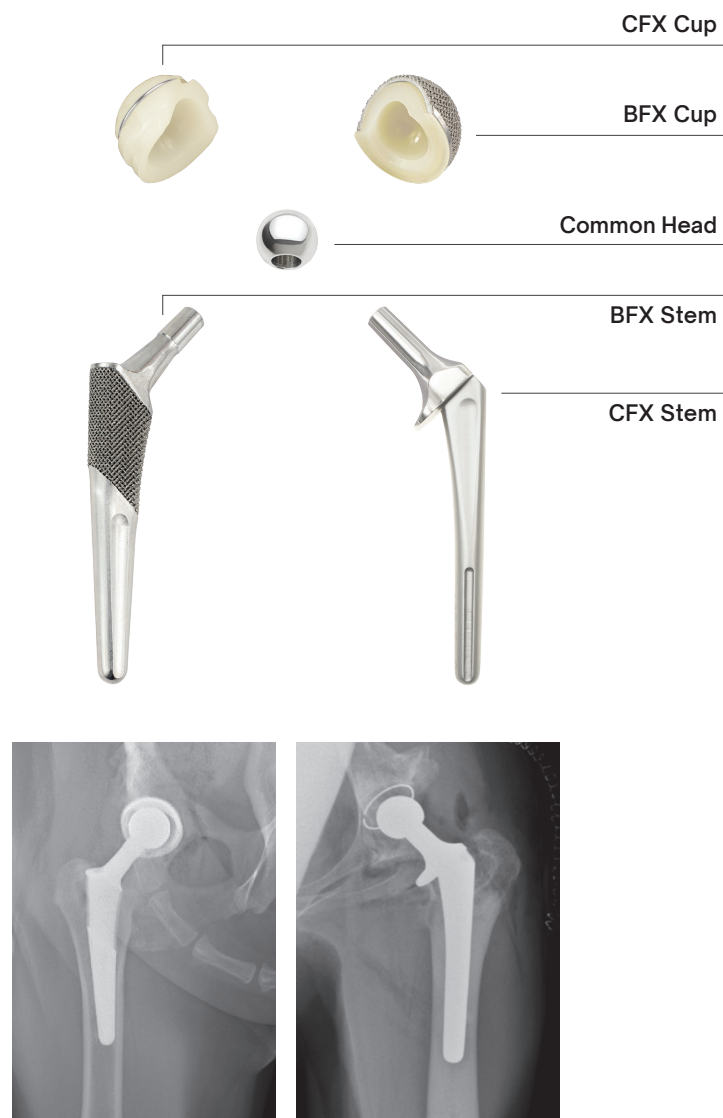
Surgical Technique

The operative technique for BFX and CFX is identical for all primary surgical steps. The decision to use cement or biologic fixation is preferably made prior to surgery and varies with surgeon experience, preference and the morphology of the patient's bone.

Workshops

Workshops are regularly scheduled for the Universal Hip System. For more information, please visit education.movora.com

U.S. Patents #7,547,328; #7,169,185; #9,730,798; #10,166,107; #8,986,392; Additional Patents Pending



UNIVERSAL HIP IMPLANT COMPATIBILITY CHART

COMPATIBILITY COLOR GUIDE



Products listed in the color blocks above are interchangeable only within their specified color block. They cannot be combined with products in other color blocks.

SMALL BREEDS

MONOBLOCK STEM/HEAD				CUP		
CFX®				CFX	6 MM I.D.	BFX
#1 +0	#2 +0	#3 +0	One-piece stem/head Maximum patient weight: 20 lbs (9.0 kgs)	10 mm		10 mm
#1 +2	#2 +2	#3 +2				
#1 +4	#2 +4	#3 +4				

STEM		HEAD	CUP		
CFX			CFX	8 mm I.D.	BFX
#2	Maximum patient weight: 40 lbs (18.2 kgs)	8 mm +0	12 mm		12 mm
#3		8 mm +2	14 mm		14 mm
		8 mm +5	16 mm		16 mm

STANDARD & LARGE BREED

STEM		HEAD	CUP		
CFX	BFX®		CFX	12 mm I.D.	BFX
#4	#4	12 mm +0	18 mm		18 mm
Maximum patient weight: 60 lbs (27.3 kgs)	Maximum patient weight: 30 lbs (13.6 kgs)	12 mm +3			20 mm
		12 mm +6			22 mm

CFX	BFX		CFX	13 mm I.D.	BFX
#4 / #5		13 mm +1	19 mm		18 mm*
#4 stem / #5 neck		13 mm +3			20 mm
Maximum patient weight: 80 lbs (36.4 kgs)		13 mm +5			*Special order only, subject to availability and manufacturing lead time.
		13 mm +7			

#5	#5	14 mm +1	20 mm	14 mm I.D.	22 mm
#6	#6	14 mm +3			
#7	#7	14 mm +5			
		14 mm +7			

#8	#8	17 mm +0	23 mm	17 mm I.D.	24 mm
#9	#9	17 mm +3	25 mm		26 mm
		17 mm +6	27 mm		28 mm
#10	#10	17 mm +9			
	#11	17 mm +13			

	#12	22 mm +0	29 mm	22 mm I.D.	30 mm
	#13	22 mm +3	31 mm		32 mm
		22 mm +6			34 mm
		22 mm +9			36 mm
					38 mm
					40 mm
					42 mm

UNIVERSAL HIP IMPLANTS

INSTRUMENT SET COLOR GUIDE

Small Breeds

Small Breeds Instrument Set

Standard Breeds

Basic Preparation Instrument Set

Large Breeds Supplement Instrument Set

CFX Supplement Instrument Set

Lateral Bolt Supplement Instrument Set

BFX® Femoral Stem

ITEM #	SIZE
10-201-4	#4
10-201-5	#5
10-201-6	#6
10-201-7	#7
10-201-8	#8
10-201-9	#9
10-201-10	#10
10-201-11	#11
10-201-12	#12



Collared Femoral Stem

ITEM #	SIZE
10-202-6	#6
10-202-7	#7
10-202-8	#8
10-202-9	#9
10-202-10S	#10S*
10-202-11S	#11S*
10-202-12S	#12S*
10-202-13	#13**



* Short Neck
** Requires Additional Size-Specific Instruments

CFX Monoblock Femoral Stem

ITEM #	SIZE
C4-001-1-0	#1 + 0
C4-001-1-2	#1 + 2
C4-001-1-4	#1 + 4
C4-001-2-0	#2 + 0
C4-001-2-2	#2 + 2
C4-001-2-4	#2 + 4
C4-001-3-0	#3 + 0
C4-001-3-2	#3 + 2
C4-001-3-4	#3 + 4

CFX® Femoral Stem

ITEM #	SIZE
C4-001-2	#2
C4-001-3	#3
C4-001-4	#4
C4-001-45*	#4/5
C4-001-5	#5
C4-001-6	#6
C4-001-7	#7
C4-001-8	#8
C4-001-9	#9
C4-001-10	#10



* #4 Stem w/ #5 Collar, Neck, & Taper

BFX Lateral Bolt Femoral Stem

ITEM #	SIZE
10-250-5	#5
10-250-6	#6
10-250-7	#7
10-250-8	#8
10-250-9	#9
10-250-10S	#10S*
10-250-11S	#11S*
10-250-12S	#12*
10-250-13	#13**



* Short Neck
** Requires Additional Size-Specific Instruments

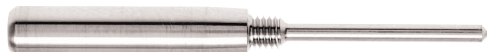
#13 BFX Lateral Bolt and Collared Femoral Stem implants are special order only, and subject to availability and manufacturing lead time.

UNIVERSAL HIP IMPLANTS

Lateral Bolt For BFX Lateral Bolt Femoral Stem

ITEM #	BOLT LENGTH	STEM SIZES
10-255-0506-08	8 mm	5-6
10-255-0506-10	10 mm	5-6
10-255-0506-12	12 mm	5-6
10-255-0506-14	14 mm	5-6
10-255-0506-16	16 mm	5-6
10-255-0712-08	8 mm	7-12
10-255-0712-10	10 mm	7-12
10-255-0712-12	12 mm	7-12
10-255-0712-14	14 mm	7-12
10-255-0712-16	16 mm	7-12
10-255-0712-18	18mm	7-12
10-255-0712-20	20mm	7-12
10-255-0712-22	22 mm	7-12
10-255-13-10	10 mm	13**
10-255-13-12	12 mm	13**
10-255-13-14	14 mm	13**
10-255-13-16	16 mm	13**
10-255-13-18	18 mm	13**
10-255-13-20	20 mm	13**
10-255-13-22	22 mm	13**
10-255-13-24	24 mm	13**

** Requires additional size-specific instruments.
Special order only, subject to availability and manufacturing lead time.



CFX Cup with Poly-XV[®]

ITEM #	SIZES
4-30-10-6	10 mm (6 mm I.D.)
4-30-12-8	12 mm (8 mm I.D.)
4-30-14-8	14 mm (8 mm I.D.)
4-30-16-8	16 mm (8 mm I.D.)
4-30-18-12	18 mm (12 mm I.D.)
4-30-19-13	19 mm (13 mm I.D.)
4-30-20-14	20 mm (14 mm I.D.)
4-30-23-17	23 mm (17 mm I.D.)
4-30-25-17	25 mm (17 mm I.D.)
4-30-27-17	27 mm (17 mm I.D.)
4-30-29-22	29 mm (22 mm I.D.)
4-30-31-22	31 mm (22 mm I.D.)



BFX[®] Acetabular Cup with Poly-XV[®]

ITEM #	SIZES
10-30-10-6	10 mm (6 mm I.D.)
10-30-12-8	12 mm (8 mm I.D.)
10-30-14-8	14 mm (8 mm I.D.)
10-30-16-8	16 mm (8 mm I.D.)
10-30-18-12	18 mm (12 mm I.D.)
10-30-18-13	18 mm (13 mm I.D.)**
10-30-20-12	20 mm (12 mm I.D.)
10-30-20-13	20 mm (13 mm I.D.)
10-30-22-12	22 mm (12 mm I.D.)
10-30-22-14	22 mm (14 mm I.D.)
10-30-24-17	24 mm (17 mm I.D.)
10-30-26-17	26 mm (17 mm I.D.)
10-30-28-17	28 mm (17 mm I.D.)
10-30-30-22	30 mm (22 mm I.D.)
10-30-32-22	32 mm (22 mm I.D.)
10-30-34-22	34 mm (22 mm I.D.)
10-30-36-22	36 mm (22 mm I.D.)**
10-30-38-22	38 mm (22 mm I.D.)**
10-30-40-22	40 mm (22 mm I.D.)**
10-30-42-22	42 mm (22 mm I.D.)**

** Requires additional size-specific instruments. Special order only, subject to availability and manufacturing lead time.

Femoral Head (BFX/CFX)

ITEM #	SIZES
4-002-08-0	8 mm + 0
4-002-08-2	8 mm + 2
4-002-08-5	8 mm + 5
4-002-12-0	12 mm + 0
4-002-12-3	12 mm + 3
4-002-12-6	12 mm + 6
4-002-13-1	13 mm + 1
4-002-13-3	13 mm + 3
4-002-13-5	13 mm + 5
4-002-13-7	13 mm + 7
4-002-14-1	14 mm + 1
4-002-14-3	14 mm + 3
4-002-14-5	14 mm + 5
4-002-14-7	14 mm + 7
4-002-16-0	16 mm + 0*
4-002-16-3	16 mm + 3*
4-002-16-6	16 mm + 6*
4-002-16-9	16 mm + 9*
4-002-17-0	17 mm + 0
4-002-17-3	17 mm + 3
4-002-17-6	17 mm + 6
4-002-17-9	17 mm + 9
4-002-17-13	17 mm + 13
4-002-19-0	19 mm + 0*
4-002-19-3	19 mm + 3*
4-002-19-6	19 mm + 6*
4-002-19-9	19 mm + 9*
4-002-22-0	22 mm + 0
4-002-22-3	22 mm + 3
4-002-22-6	22 mm + 6
4-002-22-9	22 mm + 9

* These heads are designed to fit KYON's Zurich Cementless Acetabular Cups.



UNIVERSAL HIP ANTIMICROBIAL IMPLANTS

INSTRUMENT SET COLOR GUIDE

Small Breeds

Small Breeds Instrument Set

Standard Breeds

Basic Preparation Instrument Set

Large Breeds Supplement Instrument Set

CFX Supplement Instrument Set

Lateral Bolt Supplement Instrument Set

HyProtect™ BFX® Lateral Bolt Femoral Stem

ITEM #	SIZE
10-260-5	#5
10-260-6	#6
10-260-7	#7
10-260-8	#8
10-260-9	#9
10-260-10S	#10S*
10-260-11S	#11S*
10-260-12S	#12S*
10-260-13	#13**



* Short Neck

** Requires additional size-specific instruments.
Special order only, subject to availability and manufacturing lead time.

HyProtect™ BFX® Acetabular Cup w/ Poly-XVE™

ITEM #	SIZE
10-60-20-13	20 mm (13 mm I.D.)
10-60-22-14	22 mm (14 mm I.D.)
10-60-24-17	24 mm (17 mm I.D.)
10-60-26-17	26 mm (17 mm I.D.)
10-60-28-17	28 mm (17 mm I.D.)
10-60-30-22	30 mm (22 mm I.D.)
10-60-32-22	32 mm (22 mm I.D.)
10-60-34-22	34 mm (22 mm I.D.)



HyProtect Lateral Bolt for BFX Lateral Bolt Femoral Stem

ITEM #	BOLT LENGTH	STEM SIZES
10-265-0506-08	8 mm	5-6
10-265-0506-10	10 mm	5-6
10-265-0506-12	12 mm	5-6
10-265-0506-14	14 mm	5-6
10-265-0506-16	16 mm	5-6
10-265-0712-08	8 mm	7-12
10-265-0712-10	10 mm	7-12
10-265-0712-12	12 mm	7-12
10-265-0712-14	14 mm	7-12
10-265-0712-16	16 mm	7-12
10-265-0712-18	18mm	7-12
10-265-0712-20	20mm	7-12
10-265-0712-22	22 mm	7-12
10-265-13-10	10 mm	13**
10-265-13-12	12 mm	13**
10-265-13-14	14 mm	13**
10-265-13-16	16 mm	13**
10-265-13-18	18 mm	13**
10-265-13-20	20 mm	13**
10-265-13-22	22 mm	13**

** Requires additional size-specific instruments.
Special order only, subject to availability and manufacturing lead time.



Poly-XVE™ Revision Liner for BFX Acetabular Cup

ITEM #	SIZE
10-33-20-12	20 mm (12 mm I.D.)
10-33-20-13	20 mm (13 mm I.D.)
10-33-22-12	22 mm (12 mm I.D.)
10-33-22-14	22 mm (14 mm I.D.)
10-33-24-17	24 mm (17 mm I.D.)
10-33-26-17	26 mm (17 mm I.D.)
10-33-28-17	28 mm (17 mm I.D.)
10-33-30-22	30 mm (22 mm I.D.)
10-33-32-22	32 mm (22 mm I.D.)
10-33-34-22	34 mm (22 mm I.D.)



Poly-XVE revision liners are special order only and are subject to availability and manufacturing lead time.

#13 BFX Lateral Bolt and Collared Femoral Stem implants are special order only, and subject to availability and manufacturing lead time.

JOINT REPLACEMENT | Hip Replacement Compatibility

BioMedtrix and KYON Hip Replacement Compatibility

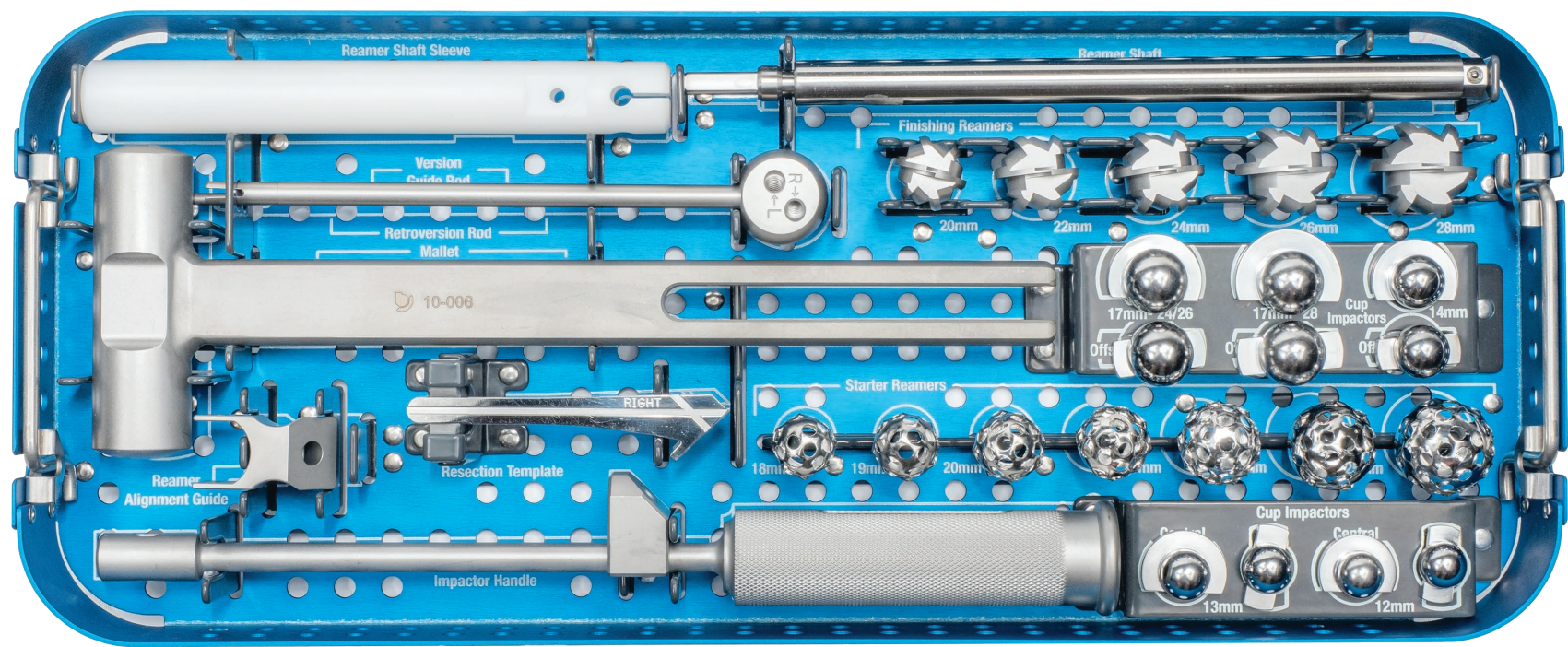
BioMedtrix’s Universal Hip System is now dimensionally compatible with KYON’s Zurich Cementless THR System and vice-versa. The primary application for such a cross-over are revision surgeries or because of special anatomical requirements. Long-term clinical data to prove the safety and efficacy is still pending. The following configurations are possible when the special diameter heads are used:

- Stem, Neck and Head (17mm/22mm) from KYON with BFX® or CFX® Cups from BioMedtrix
- Stem and Head from BioMedtrix (16mm/19mm with offsets) from BioMedtrix with Cups from KYON.

Item #	Product	
01.26.17	Ceramic Head 17mm	KYON
01.26.22	Ceramic Head 22mm	
4-002-16-0	16mm + 0 Femoral Head	BioMedtrix
4-002-16-3	16mm + 3 Femoral Head	
4-002-16-6	16mm + 6 Femoral Head	
4-002-16-9	16mm + 9 Femoral Head	
4-002-19-0	19mm + 0 Femoral Head	
4-002-29-3	19mm + 3 Femoral Head	
4-002-29-6	19mm + 6 Femoral Head	
4-002-29-9	19mm + 9 Femoral Head	

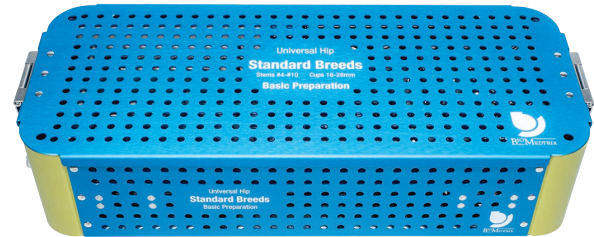


BASIC PREPARATION INSTRUMENT SET - TOP TRAY



Universal Hip Basic Preparation Instrument Set
ITEM # 10-2001

INSTRUMENT CALIBRATION RECOMMENDATION	
INSTRUMENT SET	MAX. CASES
Universal Hip Basic Preparation	25



BASIC PREPARATION INSTRUMENT SET - TOP TRAY

Cup Impactor

ITEM #	SIZE
10-007-5-12	20 mm (12 mm I.D.) Central
10-007-5-12	12 mm I.D. Central Acetabular Cup Impactor
10-007-5-13	13 mm I.D. Central Acetabular Cup Impactor
10-007-5-14	14 mm I.D. Central Acetabular Cup Impactor
10-007-5-17	17 mm I.D. Central Acetabular Cup Impactor
10-007-5-28-17	17 mm I.D. Central Acetabular Cup Impactor for 28mm O.D. Acetabular Cup
10-007-5-22	22mm I.D. Central Acetabular Cup Impactor
10-007-6-12	12 mm I.D. Offset Acetabular Cup Impactor
10-007-6-12	20 mm (13 mm I.D.) Offset
10-007-6-13	13 mm I.D. Offset Acetabular Cup Impactor

ITEM #	SIZE
10-007-5-13	22 mm (12 mm I.D.) Central
10-007-6-13	22 mm (14 mm I.D.) Offset
10-007-6-14	14 mm I.D. Offset Acetabular Cup Impactor
10-007-5-14	24 mm (17 mm I.D.) Central
10-007-6-14	26 mm (17 mm I.D.) Offset
10-007-5-17-1	28 mm (17 mm I.D.)
10-007-6-17	17 mm I.D. Offset Acetabular Cup Impactor
10-007-6-28-17	17 mm I.D. Offset Acetabular Cup Impactor for 28mm O.D. Acetabular Cup
10-007-6-22	22 mm I.D. Offset Acetabular Cup Impactor

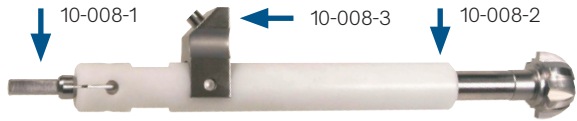


Acetabular Finishing Reamer

ITEM #	SIZE
10-018-20	20 mm
10-018-22	22 mm
10-018-24	24 mm
10-018-26	26 mm
10-018-28	28 mm



ITEM #	PRODUCT
10-008-1	Acetabular Reamer Shaft
10-008-2	Acetabular Reamer Sleeve
10-008-3	Reamer Alignment Guide



Acetabular Starter Reamer

ITEM #	SIZE
10-016-18	18 mm
10-016-19	19 mm
10-016-20	20 mm
10-016-21	21 mm
10-016-23	23 mm
10-016-25	25 mm
10-016-27	27 mm



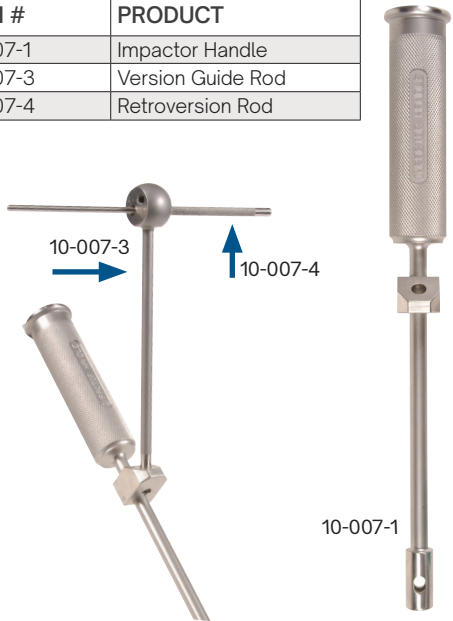
ITEM #	PRODUCT
10-006	Mallet



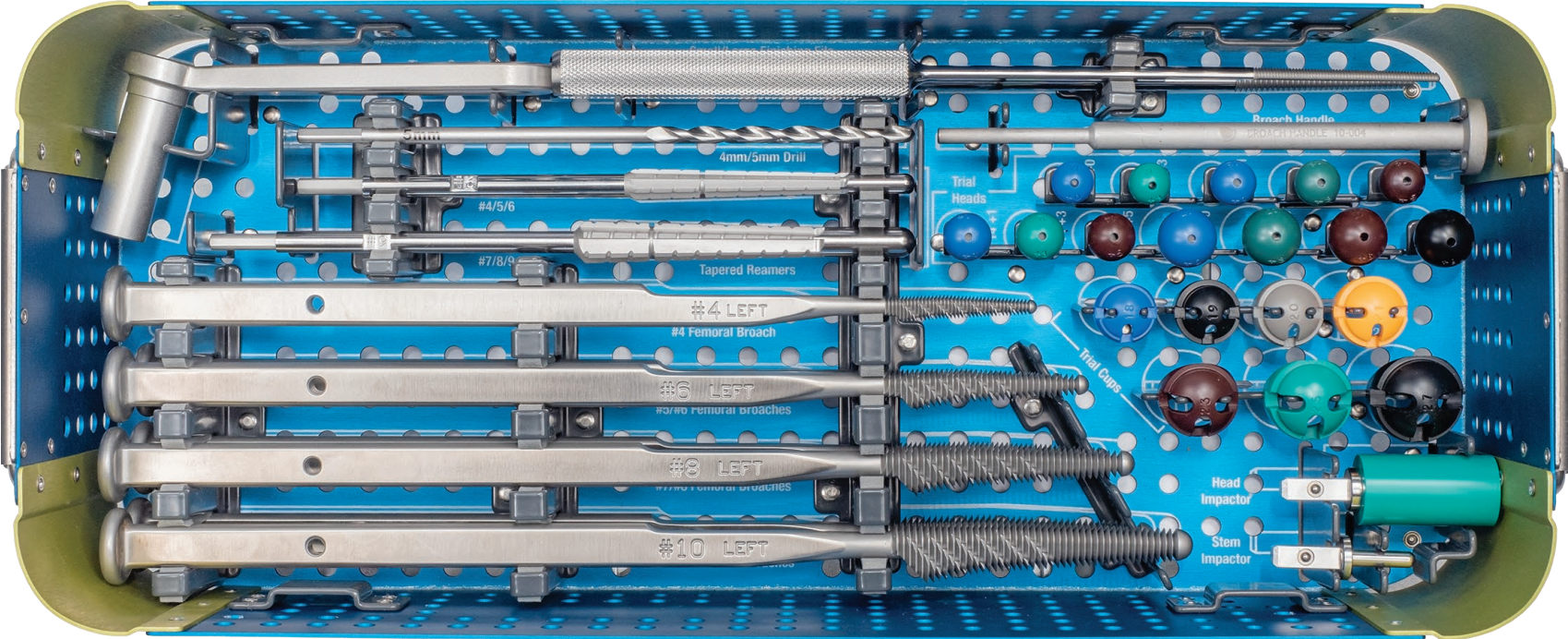
ITEM #	PRODUCT
6-001	Neck Resection Template



ITEM #	PRODUCT
10-007-1	Impactor Handle
10-007-3	Version Guide Rod
10-007-4	Retroversion Rod



BASIC PREPARATION INSTRUMENT SET - BOTTOM TRAY



Universal Hip Basic Preparation Instrument Set
ITEM # 10-2001

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Basic Preparation	25



BASIC PREPARATION INSTRUMENT SET - BOTTOM TRAY

Femoral Broach

ITEM #	SIZE
10-004-4	#4
10-004-5	#5
10-004-6	#6
10-004-7	#7
10-004-8	#8
10-004-9	#9
10-004-10	#10



Femoral Tapered Reamer

ITEM #	SIZE
6-002-4	#4
6-002-5	#5
6-002-6	#6
6-002-7	#7
6-002-8	#8
6-002-9	#9



ITEM #	PRODUCT
7-003-4	4 mm Drill
7-003-5	5 mm Drill
7-005	Finishing File
7-005-1	Finishing File - Small
7-008	Tissue Guard



Trial Acetabular Cup

ITEM #	SIZE
6-003-18-12	18 mm
6-003-19-13	19 mm
6-003-20-14	20 mm
6-003-21-14	21 mm
6-003-23-17	23 mm
6-003-25-17	25 mm
6-003-27-17	27 mm



Trial Femoral Head

ITEM #	SIZE
6-007-12-0	12 mm + 0
6-007-12-3	12 mm + 3
6-007-13-1	13 mm + 1
6-007-13-3	13 mm + 3
6-007-13-5	13 mm + 5
6-007-14-1	14 mm + 1
6-007-14-3	14 mm + 3
6-007-14-5	14 mm + 5
6-007-16-0	16 mm + 0
6-007-16-3	16 mm + 3

ITEM #	SIZE
6-007-16-6	16 mm + 6
6-007-16-9	16 mm + 9
6-007-17-0	17 mm + 0
6-007-17-3	17 mm + 3
6-007-17-6	17 mm + 6
6-007-17-9	17 mm + 9
6-007-19-0	19 mm + 0
6-007-19-3	19 mm + 3
6-007-19-6	19 mm + 6
6-007-19-9	19 mm + 9



ITEM #	PRODUCT
10-005	Stem Impactor
10-013	12 mm -17 mm Head Impactor



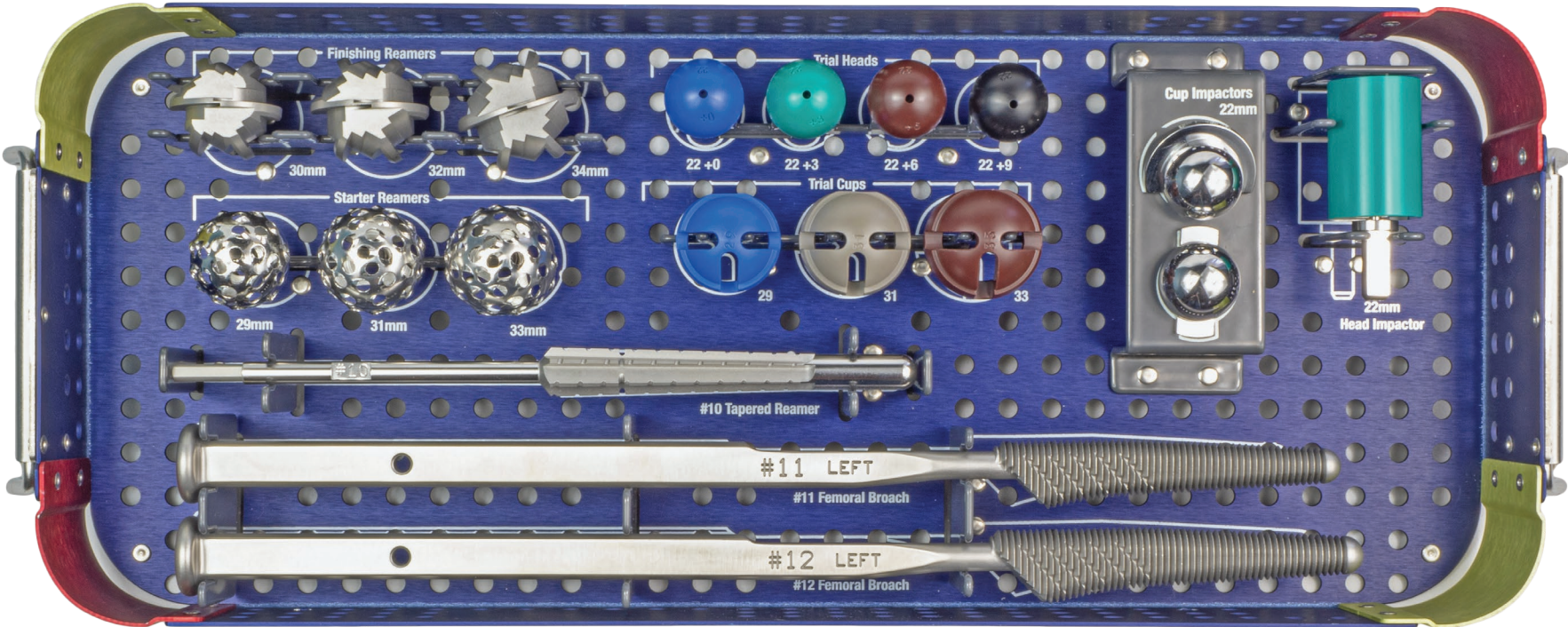
ITEM #	PRODUCT
10-004-0	Broach Handle



ITEM #	PRODUCT
6-011-4	Slide Hammer Stem Extractor
10-2001-1	Basic Preparation Instrument Case (Case Only)



LARGE BREED SUPPLEMENT INSTRUMENT SET

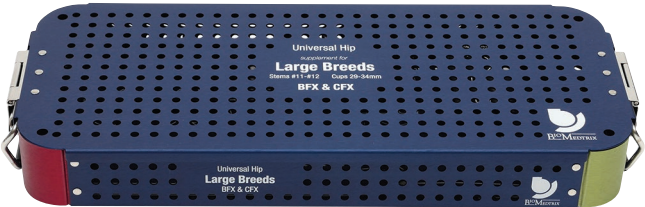


Universal Hip Large Breed Instrument Set
ITEM # 10-2003

For Case Only | ITEM # 10-2003-1

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Large Breed Supplement	25



LARGE BREED SUPPLEMENT INSTRUMENT SET

Starter Reamers

ITEM #	SIZE
10-016-29	29 mm
10-016-31	31 mm
10-016-33	33 mm



Femoral Broach

ITEM #	PRODUCT
10-004-11	#11 Femoral Broach
10-004-12	#12 Femoral Broach



Trial Femoral Heads

ITEM #	SIZE
6-007-22-0	22 mm +0
6-007-22-3	22 mm +3
6-007-22-6	22 mm +6
6-007-22-9	22 mm +9



Finishing Reamers

ITEM #	SIZE
10-018-30	30 mm
10-018-32	32 mm
10-018-34	34 mm



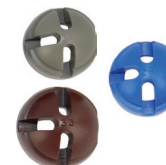
Tapered Reamer

ITEM #	PRODUCT
6-002-10	#10 Femoral Tapered Reamer



Trial Acetabular Cups

ITEM #	SIZE
6-003-29-22	29 mm
6-003-31-22	31 mm
6-003-33-22	33 mm



Cup Impactor

ITEM #	SIZE
10-007-5-22	22 mm (30/32/34 mm O.D.) Central
10-007-6-22	22 mm (30/32/34 mm O.D.) Offset



Head Impactor

ITEM #	PRODUCT
10-013-22	22 mm Head Impactor



Expanded Size Instruments For 36, 38, 40, 42 mm O.D. BFX® Cups with Poly-XYE™

Trial Acetabular Cups

SIZE
35 mm (22 mm I.D) Trial Acetabular Cup
37 mm (22 mm I.D) Trial Acetabular Cup
39 mm (22 mm I.D) Trial Acetabular Cup
41 mm (22 mm I.D) Trial Acetabular Cup



Starter Reamers

SIZE
35 mm Acetabular Starter Reamer
37 mm Acetabular Starter Reamer
39 mm Acetabular Starter Reamer
41 mm Acetabular Starter Reamer



Finishing Reamers

SIZE
36 mm Acetabular Finishing Reamer
38 mm Acetabular Finishing Reamer
40 mm Acetabular Finishing Reamer
42 mm Acetabular Finishing Reamer



Cup Impactors

SIZE
22 mm (36/38 mm O.D.) Central
22 mm (40/42 mm O.D.) Central
22 mm (36/38 mm O.D.) Offset
22 mm (40/42 mm O.D.) Offset



PRODUCT
Acetabular Reamer Shaft



Large Breed Expanded Sizes Rental Instrument Set ITEM # L10-2036

Large Breed Expanded Sizes Instruments are available for rent only, and subject to availability.

CFX® PREPARATION SUPPLEMENT INSTRUMENT SET



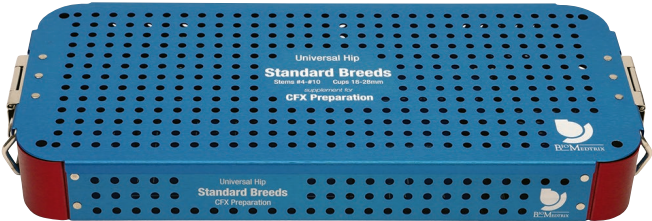
Universal Hip CFX Supplement Instrument Set
ITEM # 10-2002

For Case Only | ITEM # 10-2002-1

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip CFX Supplement	25

Neck Resection Guide and Cement Gun are optional instruments and are not included in Universal Hip CFX Instrument Set.



CFX® PREPARATION SUPPLEMENT INSTRUMENT SET

Trial Femoral Stem

ITEM #	SIZE
6-003-4	#4
6-003-5	#5
6-003-6	#6
6-003-7	#7
6-003-8	#8
6-003-9	#9
6-003-10	#10



Cement Plug Inserter

ITEM #	SIZE
6-035-0	Large
6-036-0	Small



Optional CFX® Instrument SOLD SEPARATELY

ITEM #	PRODUCT
6-060	Neck Resection Guide (optional)



ITEM #	PRODUCT
40-25	Cement Gun (optional) Accepts 12 ml and 35 ml syringes



Bone Cement and Accessories

ITEM #	PRODUCT
V040340	TekniVet CEM Veterinary Bone Cement Full Dose (40 g)



ITEM #	PRODUCT
6-080-1	Large Cement Plug
6-080-2	Small Cement Plug



Disposable Mixing Bowl
ITEM # DYNJMIXIT



MicroSilver BG™
Antimicrobial Powder
.25 g for 20 g (half dose) PMMA
ITEM # 40-10-25



SM Disposable Syringe
(12 ml)
ITEM # 40-20-12



LG Disposable Syringe
(35 ml)
ITEM # 40-20-35



CFX Stem Centralizer

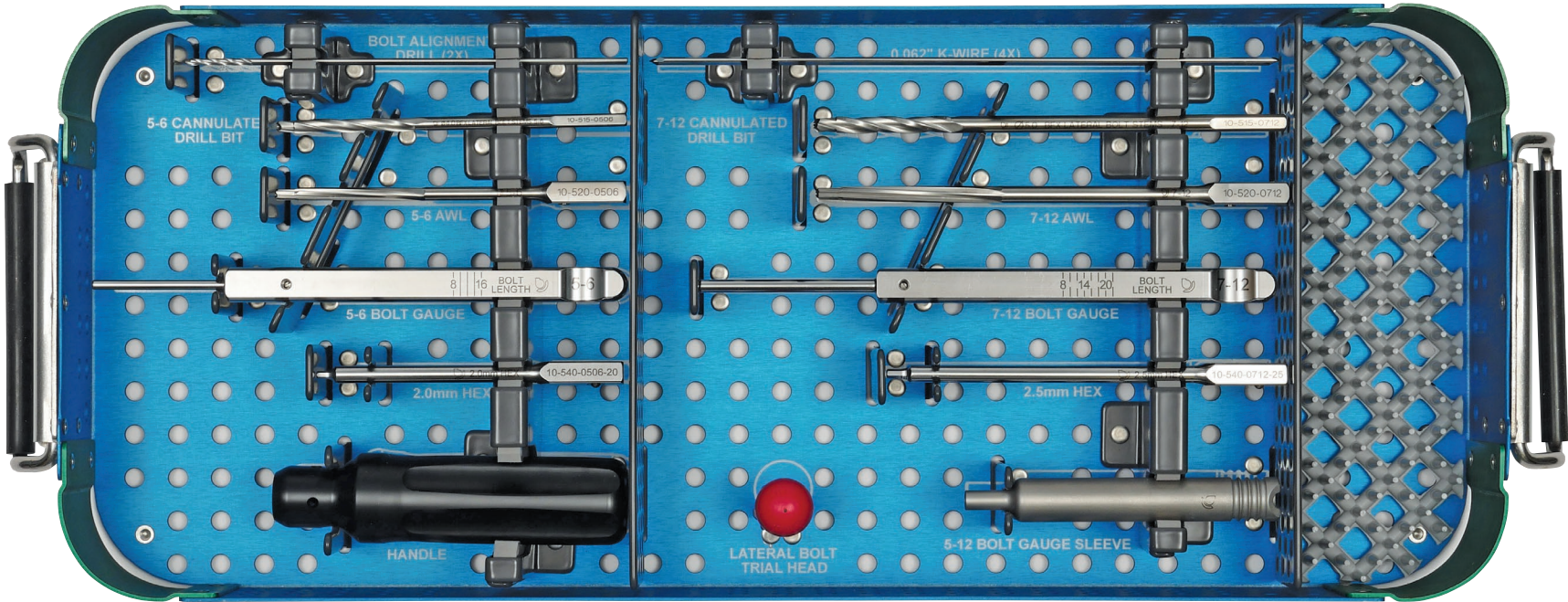
ITEM #	SIZE
C4-001-4-1	#4
C4-001-5-1	#5
C4-001-6-1	#6
C4-001-7-1	#7
C4-001-8-1	#8
C4-001-9-1	#9
C4-001-10-1	#10



Syringe Extension Tube Only
ITEM # 6-033-2



LATERAL BOLT SUPPLEMENT INSTRUMENT SET



Universal Hip Lateral Bolt Instrument Set
ITEM # 10-500

For Case Only | ITEM # 10-560

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Lateral Bolt Supplement	25



LATERAL BOLT SUPPLEMENT INSTRUMENT SET

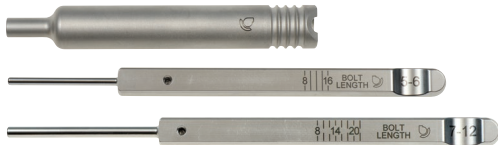
ITEM #	PRODUCT
10-570	0.062" K-Wire (x4)
10-505	Bolt Alignment Drill (x2)
10-515-0506	5-6 Cannulated Drill
10-515-0712	7-12 Cannulated Drill



ITEM #	PRODUCT
10-520-0506	5-6 Awl
10-520-0712	7-12 Awl



ITEM #	PRODUCT
10-530-0506	Bolt Gauge Sleeve
10-530-0712	5-6 Bolt Gauge
10-530-10	7-12 Bolt Gauge



ITEM #	PRODUCT
10-540-0506-20	2.0 mm Hex
10-540-0712-25	2.5 mm Hex
10-545	Handle
10-550-17-0	LB Trial Head



For #13 BFX® Lateral Bolt and Collared Stems

ITEM #	PRODUCT
10-530-13	13 Bolt Gauge
10-530-10-13	13 Bolt Gauge Sleeve
10-515-13	13 Cannulated Drill Bit
10-004-13	#13 Femoral Broach

Size 13 Instruments are special order only, and subject to availability and manufacturing lead time.



Universal Hip Ancillary Products

ITEM #	PRODUCT
10-010	Positioning Board Assembly Includes:
10-010-0	Positioning Disk
10-010-2	Acrylic Sheet
10-010-3	Foam Pad
10-010-4	Long Post (x2)
10-010-5	Short Post
10-010-6	Small Washer (x3)
10-010-7	Large Washer (x3)
10-010-8	Guide (x3)
10-010-9	Short Extension (x2)
10-010-10	Long Extension (x2)
10-010-11	Tightening Rod



Hip Pack Includes: Bandage, Bulb Syringe, Mayo Stand Cover 23"x54" SMS, Drape, Drape Utility (x5), Loban Incise Drape w/ADH, Pouch Breather, Steridrape, Steridrape-U Drape, Suction Tubing, Table Cover 44"x76"

Catalog # 8-001



Product: Positioning Board Version Guide
ITEM # 10-010-1



Product: X-Ray Magnification Indicator
ITEM # 6-013

SMALL BREEDS HIP

As an addition to the standard line of Cemented Fixation (CFX) Implants, press-fit cups are now available for the Small Breeds Hip System. This system has been developed to provide Total Hip Replacement (THR) as the primary recommendation for very small dog breeds and cats. As a viable option over femoral head ostectomy (FHO), a THR provides wider range of motion, improved function, and pain-free joints. It is estimated over 3,000 cases have been performed on dogs and cats from 4 pounds to 20 pounds since 2005.

Implant System

The Small Breeds Hip Implant System is similar in design to the Standard Breed System. It consists of Femoral Heads, Poly-XVE™ CFX® Acetabular Cups, or titanium BFX® Acetabular Cups with Poly XVE CFX® Liner, and both monoblock and modular Femoral Stems. While the modular Stems allow for interchangeability with the 8 mm Femoral Heads, the monoblock Stems are manufactured with a 6 mm Femoral Head already affixed. All components are manufactured from the same materials used for the Standard Breed System.

Both CFX and BFX Acetabular Cups are now available for Small Breeds. All standard BFX and CFX polyethylene components are manufactured with Poly-XVE™. This highly crosslinked polyethylene (HCLPE) infused with Vitamin E mitigates polyethylene wear and increases implant longevity.

Instrument System

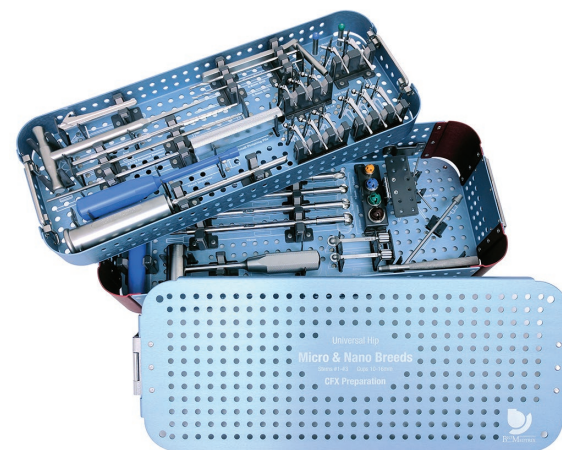
A specifically designed set of instruments is available for implantation of the Small Breeds Hip implants. An Instrument Set Upgrade is available for surgeons who currently own the Micro & Nano Instrument Set. Acetate and digital x-ray templates are available for size selection from film radiographs.

Surgical Technique

The surgical technique is predominantly the same as for larger breed dogs receiving a cemented stem, except the patient and instruments are smaller. The approach, exposure, and retraction are consistent with the current THR technique, and closure is performed in a routine manner.

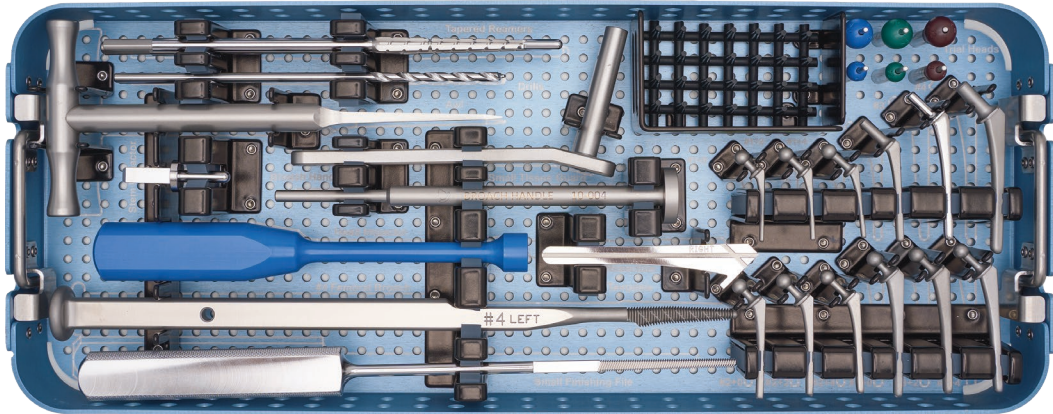
Workshops

Workshops are regularly scheduled for the Universal Hip System. For more information, please visit education.movora.com

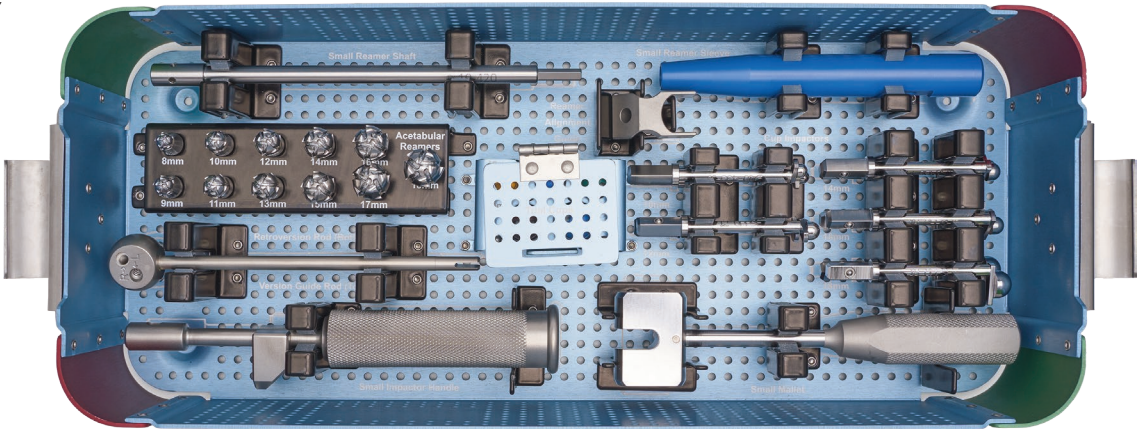


SMALL BREEDS HIP INSTRUMENT SET – TOP AND BOTTOM TRAY

TOP TRAY



BOTTOM TRAY



Universal Hip Small Breed Instrument Set:
ITEM # 10-4000
For Case Only | ITEM # 10-450

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Small Breeds	25



SMALL BREEDS HIP INSTRUMENT SET – TOP AND BOTTOM TRAY

ITEM #	PRODUCT
6-220	T-Handle Awl



ITEM #	PRODUCT
6-240	Mallet



ITEM #	PRODUCT
7-003-02	Drill 2.0 mm
7-003-03	Drill 3.2 mm
7-003-4	Drill 4 mm



ITEM #	PRODUCT
7-008-23	Tissue Guard (small)



ITEM #	PRODUCT
6-001	Neck Resection Template



ITEM #	PRODUCT
6-002-1	Tapered Femoral Reamer #1/#2
6-002-2	Tapered Femoral Reamer #2/#3
6-002-4	Tapered Femoral Reamer #4



ITEM #	PRODUCT
7-005-1	Finishing File (small)



ITEM #	PRODUCT
6-003-1-0	Trial Femoral Stem #1 + 0
6-003-1-2	Trial Femoral Stem #1 + 2
6-003-1-4	Trial Femoral Stem #1 + 4
6-003-2-0	Trial Femoral Stem #2 + 0
6-003-2-2	Trial Femoral Stem #2 + 2
6-003-2-4	Trial Femoral Stem #2 + 4
6-003-3-0	Trial Femoral Stem #3 + 0
6-003-3-2	Trial Femoral Stem #3 + 2
6-003-3-4	Trial Femoral Stem #3 + 4



ITEM #	PRODUCT
6-007-08-0	Trial Femoral Head 8 mm + 0
6-007-08-2	Trial Femoral Head 8 mm + 2
6-007-08-5	Trial Femoral Head 8 mm + 5
6-007-12-0	Trial Femoral Head 12 mm + 0
6-007-12-3	Trial Femoral Head 12 mm + 3
6-007-12-6	Trial Femoral Head 12 mm + 6



ITEM #	PRODUCT
6-003-10-0	Trial Acetabular Cup 10 mm
6-003-12-8	Trial Acetabular Cup 12 mm
6-003-14-8	Trial Acetabular Cup 14 mm
6-003-16-8	Trial Acetabular Cup 16 mm
6-003-18-12	Trial Acetabular Cup 18 mm



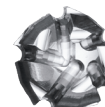
ITEM #	PRODUCT
6-003-2	Trial Femoral Stem #2
6-003-3	Trial Femoral Stem #3
6-003-4	Trial Femoral Stem #4



ITEM #	PRODUCT
6-230	Head Impactor



ITEM #	PRODUCT
10-410-XX	Modular Reamer
XX = 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	



ITEM #	PRODUCT
10-440	Small Breed Impactor Handle
10-007-3	Version Guide Rod
10-007-4	Reamer Alignment Guide



ITEM #	PRODUCT
10-425	Reamer Sleeve
10-420	Reamer Shaft



ITEM #	PRODUCT
10-430-XX	Central Cup Impactor
10-435-XX	Offset Cup Impactor
XX = 10, 12, 14, 16, 18	



ITEM #	PRODUCT
10-004-4	#4 Femoral Broach
10-005	Stem Impactor



I-LOC® IM FIXATOR

BioMedtrix® introduced the I-Loc® IM Fixator 6-7-8 system in 2009 and the 3-4-5 system for small breed dogs and cats in 2018. The industry's first angle-stable intramedullary fixator, the I-Loc Interlocking Nail System features a locking mechanism for osteosynthesis of epiphyseal, metaphyseal and diaphyseal long bone fractures. The I-Loc Nail enhances bone healing through the elimination of slack, controlled compliance, and no necessary reaming.

Implant System

One (1) Nail and four (4) self-centering locking Bolts are packaged together and sold sterile. Implants are inventoried by set rather than a complete array of individually sized Nails and Bolts.

The Nail's bullet-nose and hourglass geometries ease insertion without violating the distal joint and promote faster healing and revascularization of the medullary cavity.

Instrument System

Each of the 6-7-8 and 3-4-5 instrument systems are designed to specifically accommodate their respective implant sets.

Instruments are color-coded and arranged in sequence of use for preparation simplicity.

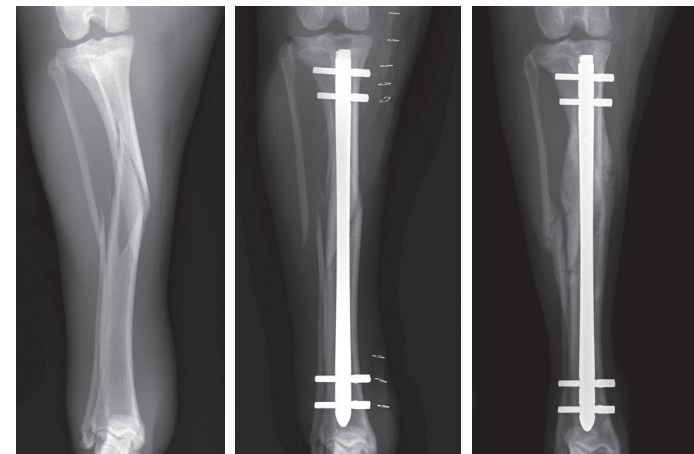
Surgical Technique

The operative technique for the 3-4-5 and 6-7-8 I-Loc systems are similar. After the medullary cavity is prepared, the fracture is reduced and the preparation is carried into the distal fragment prior to insertion of the final implant. Once the bolt holes have been drilled, the locking Bolts are custom cut using a Shearing Tool and threaded to the Nail.

Workshops

Workshops are regularly scheduled for the I-Loc IM Fixator System. For additional information, please visit our website or contact a BioMedtrix representative.

U.S. Patents #8,758,345; #8,435,238



Pre-Op

Post-Op

Post-Op Day 26

I-LOC IMPLANT SIZE AVAILABLE CHART

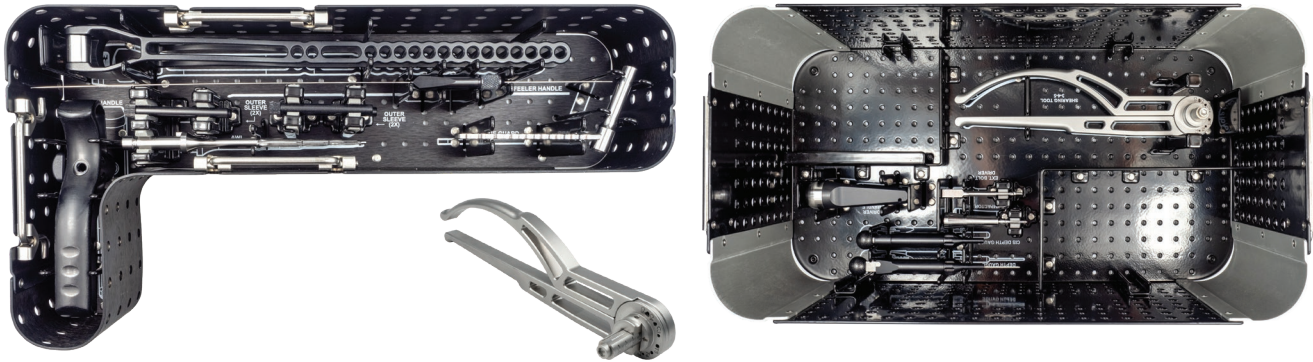
I-Loc 3-4-5 Nails

AVAILABLE LENGTHS														
SIZE	62	70	78	86	94	102	110	118	126	134	142	150	158	
#3														
#4														
#5														

I-Loc 6-7-8 Nails

AVAILABLE LENGTHS											
SIZE	122	135	147	160	172	185	197	210	222	235	
#6											
#7											
#8											

I-LOC COMMON INSTRUMENTS – SIZES 3-4-5

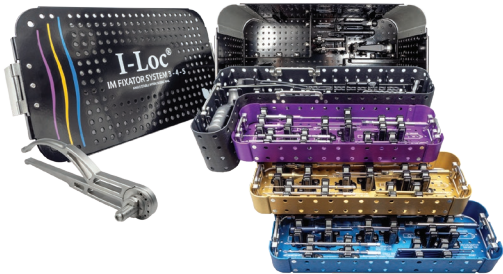


ITEM #	PRODUCT
34-110-345	Awl
34-200-345	Handle
34-115-345	Tissue Guard
34-340-345	Feeler Handle
34-300-345	Drill Guide
34-310-345	Outer Sleeve (x4)
34-410-345-2	Cis Depth Gauge
34-410-345	Depth Gauge
34-220-345	Impactor
34-216-345	Driver Handle
34-215-345	Extension Bolt Driver
34-420-345	Shearing Tool
34-500-345	I-Loc 3-4-5 Instrument Case Only
MKT-TD-0046	I-Loc 3-4-5 Correlation Chart

I-Loc IM Fixator Instrument Set
Sizes 3-4-5 (with shearing tool) | ITEM # 34-000-345

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
I-Loc IM Fixator 3-4-5 or 6-7-8	25



I-LOC IMPLANTS – SIZES 3-4-5

3 mm Implant Kit	
ITEM #	LENGTH
34-03-062	62 mm
34-03-070	70 mm
34-03-078	78 mm
34-03-086	86 mm
34-03-094	94 mm
34-03-102	102 mm
34-03-110	110 mm
34-03-118	118 mm
34-03-126	126 mm

4 mm Implant Kit	
ITEM #	LENGTH
34-04-070	70 mm
34-04-078	78 mm
34-04-086	86 mm
34-04-094	94 mm
34-04-102	102 mm
34-04-110	110 mm
34-04-118	118 mm
34-04-126	126 mm
34-04-134	134 mm
34-04-142	142 mm

5 mm Implant Kit	
ITEM #	LENGTH
34-05-086	86 mm
34-05-094	94 mm
34-05-102	102 mm
34-05-110	110 mm
34-05-118	118 mm
34-05-126	126 mm
34-05-134	134 mm
34-05-142	142 mm
34-05-150	150 mm
34-05-158	158 mm

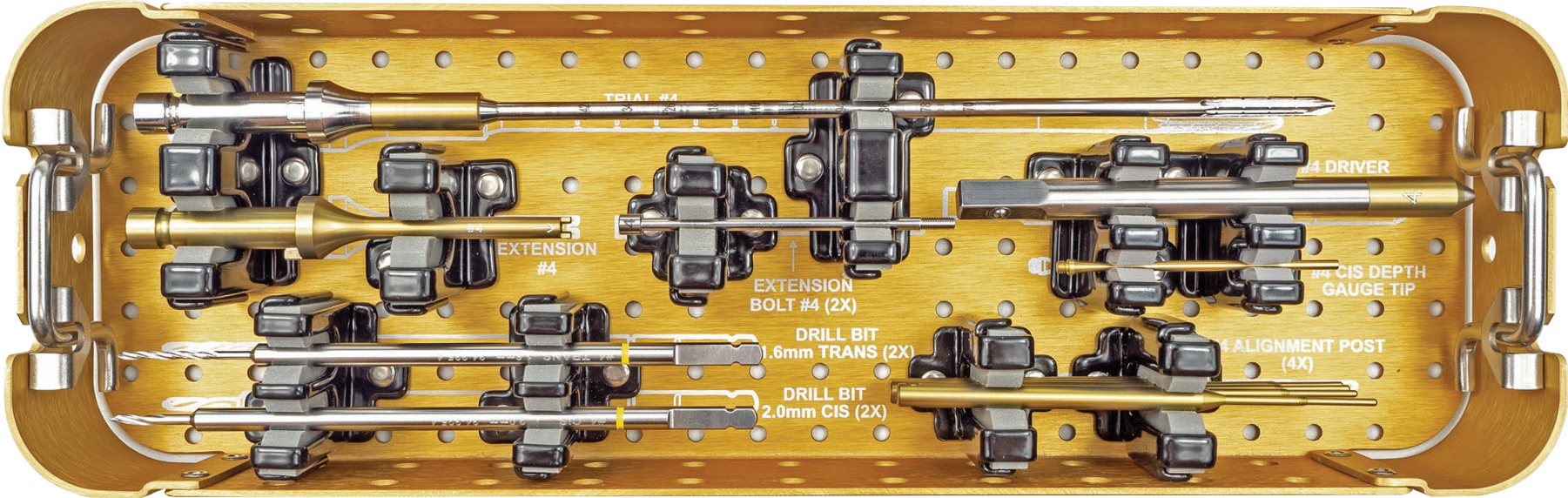
Extra Bolt	
ITEM #	LENGTH
34-03-1216	3 mm
34-04-1620	4 mm
34-05-2026	5 mm



Sterile Implant Kit
(1 NAIL & 4 BOLTS)



I-LOC SIZE-SPECIFIC INSTRUMENTS – SIZES 3-4-5



Reaming/Trail Nail

ITEM #	SIZE
34-120-3	#3
34-120-4	#4
34-120-5	#5

Extension

ITEM #	SIZE
34-210-3	#3
34-210-4	#4
34-210-5	#5

Extension Bolt

ITEM #	SIZE
34-215-3	#3 (x2)
34-215-4	#4 (x2)
34-215-5	#5 (x2)

Drill Bit (Cis-Cortex)

ITEM #	SIZE
34-325-3	#3 1.6 mm
34-325-4	#4 2.0 mm
34-325-5	#5 2.6 mm

Drill Bit (Trans-Cortex)

ITEM #	SIZE
34-335-3	#3 1.2 mm
34-335-4	#4 1.6 mm
34-335-5	#5 2.0 mm

Alignment Post

ITEM #	SIZE
34-400-3	#3 (x4)
34-400-4	#4 (x4)
34-400-5	#5 (x4)

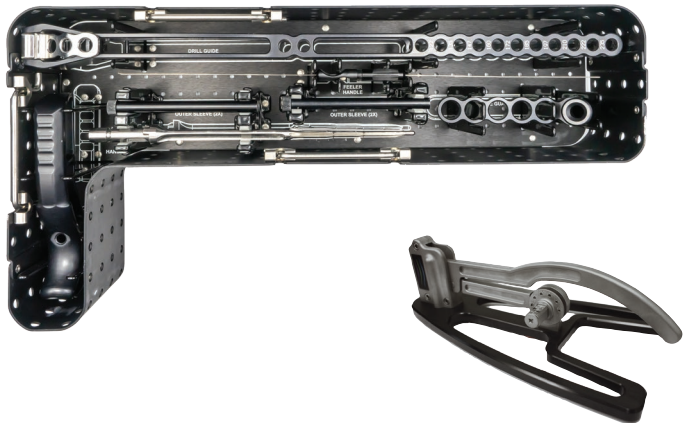
Bolt Driver

ITEM #	SIZE
34-415-3	#3
34-415-4	#4
34-415-5	#5

Depth Gauge Tip

ITEM #	SIZE
34-410-345-2-3	#3
34-410-345-2-4	#4
34-410-345-2-5	#5

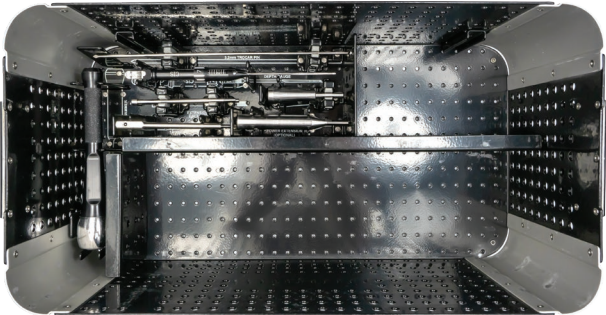
I-LOC COMMON INSTRUMENTS – SIZES 6-7-8



I-Loc IM Fixator Instrument Set
Sizes 6-7-8 (with shearing tool) | ITEM # 34-000-678

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
I-Loc IM Fixator 3-4-5 or 6-7-8	25



ITEM #	PRODUCT
34-110-1	Awl
34-200	Handle
34-115	Tissue Guard
34-340-678	Feeler Handle
34-300	Drill Guide
34-310	Outer Sleeve (x4)
34-410-345-2	Cis Depth Gauge
34-410	Depth Gauge
34-220	Impactor
34-415	Driver Hammer
34-415-18	Extension Bolt Driver
34-420-678	Shearing Tool
34-2115	Extension Bolt (x2)
34-415-1	Bolt Driver Power Extension
34-130	3.2 mm Trocar Pin
34-500-678	I-Loc 3-4-5 Instrument Case Only

I-LOC IMPLANTS – SIZES 6-7-8

6 mm Implant Kit	
ITEM #	LENGTH
34-06-122	122 mm
34-06-135	135 mm
34-06-147	147 mm
34-06-160	160 mm
34-06-172	172 mm
34-06-185	185 mm
34-06-197	197 mm

7 mm Implant Kit	
ITEM #	LENGTH
34-07-135	135 mm
34-07-147	147 mm
34-07-160	160 mm
34-07-172	172 mm
34-07-185	185 mm
34-07-197	197 mm
34-07-210	210 mm

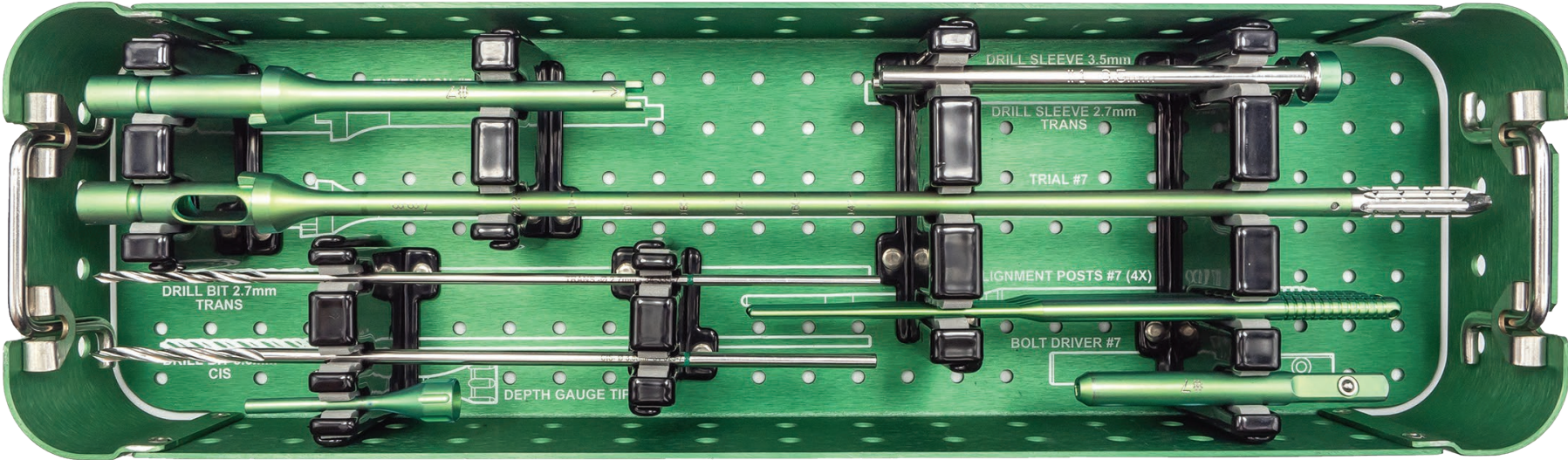
8 mm Implant Kit	
ITEM #	LENGTH
34-08-135	135 mm
34-08-147	147 mm
34-08-160	160 mm
34-08-172	172 mm
34-08-185	185 mm
34-08-197	197 mm
34-08-210	210 mm
34-08-222	222 mm
34-08-235	235 mm

Extra Bolt	
ITEM #	LENGTH
34-06-2532	6 mm
34-07-2735	7 mm
34-08-3243	8 mm

Sterile Implant Kit
(1 NAIL & 4 BOLTS)



I-LOC SIZE-SPECIFIC INSTRUMENTS – SIZES 6-7-8



Reaming/Trail Nail

ITEM #	SIZE
34-120-6	#6
34-120-7	#7
34-120-8	#8

Extension

ITEM #	SIZE
34-210-6	#6
34-210-7	#7
34-210-8	#8

Drill Sleeve (Cis-Cortex)

ITEM #	SIZE
34-320-6	#6 3.2 mm
34-320-7	#7 3.5 mm
34-320-8	#8 4.3 mm

Drill Bit (Cis-Cortex)

ITEM #	SIZE
34-325-6	#6 3.2 mm
34-325-7	#7 3.5 mm
34-325-8	#8 4.3 mm

Drill Sleeve (Trans-Cortex)

ITEM #	SIZE
34-330-6	#6 2.5 mm
34-330-7	#7 2.7 mm
34-330-8	#8 3.2 mm

Drill Bit (Trans-Cortex)

ITEM #	SIZE
34-335-6	#6 2.5 mm
34-335-7	#7 2.7 mm
34-335-8	#8 3.2 mm

Alignment Post

ITEM #	SIZE
34-400-6	#6 (x4)
34-400-7	#7 (x4)
34-400-8	#8 (x4)

Depth Gauge Tip

ITEM #	SIZE
34-410-6	#6
34-410-7	#7
34-410-8	#8

Bolt Driver

ITEM #	SIZE
34-415-6	#6
34-415-7	#7
34-415-8	#8

TPLO & BONE PLATES

BioMedtrix® introduced the Multi Purpose Bone Plate System® in 2004, and the TPLO Curve® system in 2015. The addition of the HyProtect antimicrobial coating to both plate systems provides a continuous release of silver ions to inhibit the growth of bacteria on the surface of the implant for up to 100 days following surgery.

Implant System

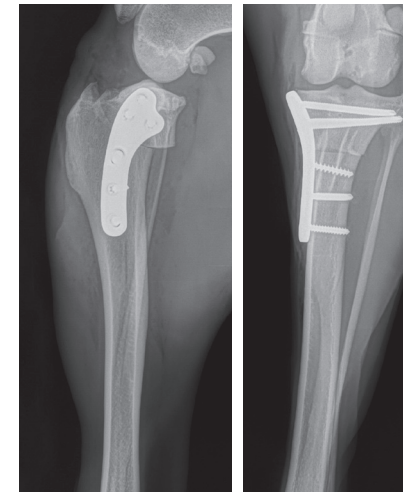
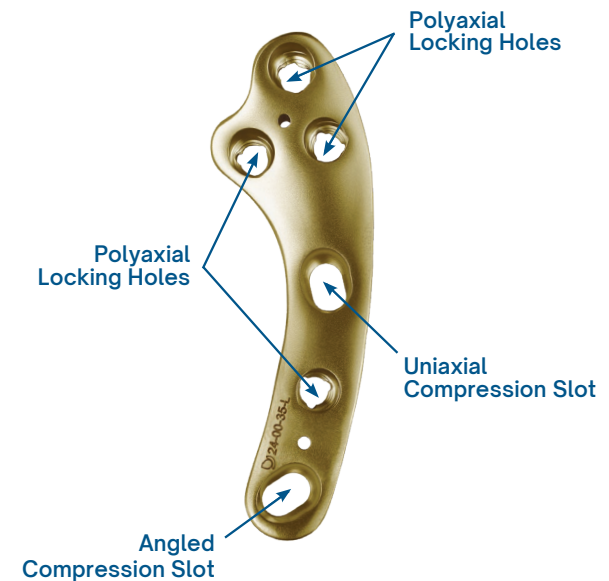
The TPLO Curve is a 3D contoured plate with a curved design which conforms to the natural shape of the tibia. The angled compression slots allow for both cranial and axial compression across the osteotomy.

The Multi Purpose Bone Plate may be easily contoured to address multiple applications including pelvic osteotomy, ilial shaft fracture, proximal tibial osteotomy, distal radial fracture, and partial carpal arthrodesis.

Both the TPLO Curve and the Multi Purpose Bone Plates are manufactured from 316LVM stainless steel (ASTM F139) and are packaged sterile.

Instrument System

Locking & Cortical Screw and Instrument Cases are available in both bracketed and unbracketed configurations. These instruments are size-specific and the polyaxial and uniaxial drill guides are designed to thread to the locking holes on the TPLO Curve.



TPLO Curve

STAYSHARP™ TPLO SAW BLADE

The StaySharp TPLO saw blade was developed to provide a faster and cooler cut for an osteotomy capable of healing in 4-6 weeks. Manufactured from durable stainless steel, this semi-disposable blade is the thinnest on the market. The thinner, cooler cut provided by the StaySharp saw blade allows for improved compression and potentially faster healing of the osteotomy.

StaySharp TPLO Saw Blade

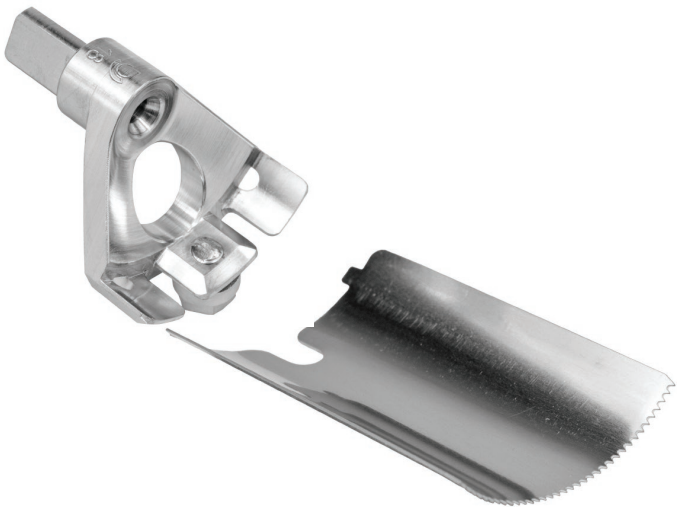
Fine Blade Provides Better Bone Contact: Thinnest saw blade available – only 0.3 mm – allows for increased bone contact and potentially faster healing when compression is applied to osteotomy.

Manufacturing: Manufactured from the highest quality steel for optimal strength and guaranteed durability for a full 25 uses.

Improved Cut and Irrigation: Fast and cooler cut with saline irrigation reduces the potential for bone necrosis.

Fast and Easy Blade Exchange: Innovative quick-release hub allows for a fast and easy exchange with a sterile blade.

Sterile Packaging: Sold in single-size packs of four (4) sterile saw blades.



Primary Components Pricing & Catalog Numbering

Hub	24 -610 -XX
Blades	24 -601 -XX

Example:
18 mm Blade (24-601-18) Radius 1 mm

5.5 mm Hex Drivers

QC	24-630-5
T-Handle	24-640-5

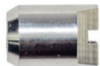
For Hub Sizes 8 mm - 15 mm



Optional Saw Blade Adapter

Catalog # 24-660

Attaches Hub to tapered
oscillating saw attachment**



7 mm Hex Drivers

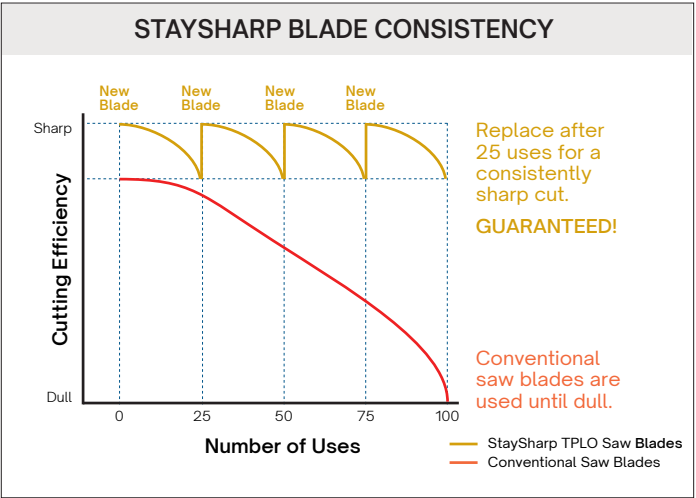
QC	24-630-7
T-Handle	24-640-7

For Hub Sizes 18 mm - 33 mm



Component Radius Size Availability

8 mm | 10 mm | 12 mm | 15 mm | 18 mm | 21 mm | 24 mm | 27 mm | 30 mm | 33 mm



*QC Hex Drivers attach to SQC T - Handle – Catalog # 24-400

**Tapered oscillating TPLO saw attachment available from other vendors.

TPLO & BONE PLATES

Antimicrobial Coated Bone Plates

TPLO Curve Bone Plate

ITEM #	SIZE
24-00-20-L	2.0 Standard Left
24-00-20-R	2.0 Standard Right
24-00-27-L	2.7 Standard Left
24-00-27-R	2.7 Standard Right
24-00-27S-L	2.7 Short Left
24-00-27S-R	2.7 Short Right
24-00-35-L	3.5 Standard Left
24-00-35-R	3.5 Standard Right
24-00-35B-L	3.5 Broad Left
24-00-35B-R	3.5 Broad Right
24-00-35S-L	3.5 Short Left
24-00-35S-R	3.5 Short Right



Multi Purpose Bone Plate

ITEM #	SIZE
20-05-20	2.0 Standard
20-05-20T	2.0 Thick
20-05-27	2.7 Standard
20-05-27T	2.7 Thick
20-05-35	3.5 Standard
20-05-35T	3.5 Thick
20-05-35TL	3.5 Thick, Large (8-Hole)



Trial Plates and Bone screws



TPLO Curve Trial Plate

ITEM #	SIZE
24-050-20-L	2.0 Standard Left Trial
24-050-20-R	2.0 Standard Right Trial
24-050-27-L	2.7 Standard Left Trial
24-050-27-R	2.7 Standard Right Trial
24-050-27S-L	2.7 Short Left Trial
24-050-27S-R	2.7 Short Right Trial
24-050-35-L	3.5 Standard Left Trial
24-050-35-R	3.5 Standard Right Trial
24-050-35B-L	3.5 Broad Left Trial
24-050-35B-R	3.5 Broad Right Trial
24-050-35S-L	3.5 Short Left Trial
24-050-35S-R	3.5 Short Right Trial



Screws

ITEM #	SIZE
24-10-XX-XX	Locking Screw
20-11-XX-XX	Cortical Screw (T6-T15)
20-01-XX-XX	Cortical Screw (Hex)
20-02-XX-XX	Cancellous Screw

Diameter (mm)  Length (mm) 

Catalog Number Example:
3.5 x 22 mm Locking Screw (24-10-35-22)

See page 46 for a complete list
of available screws and sizes.



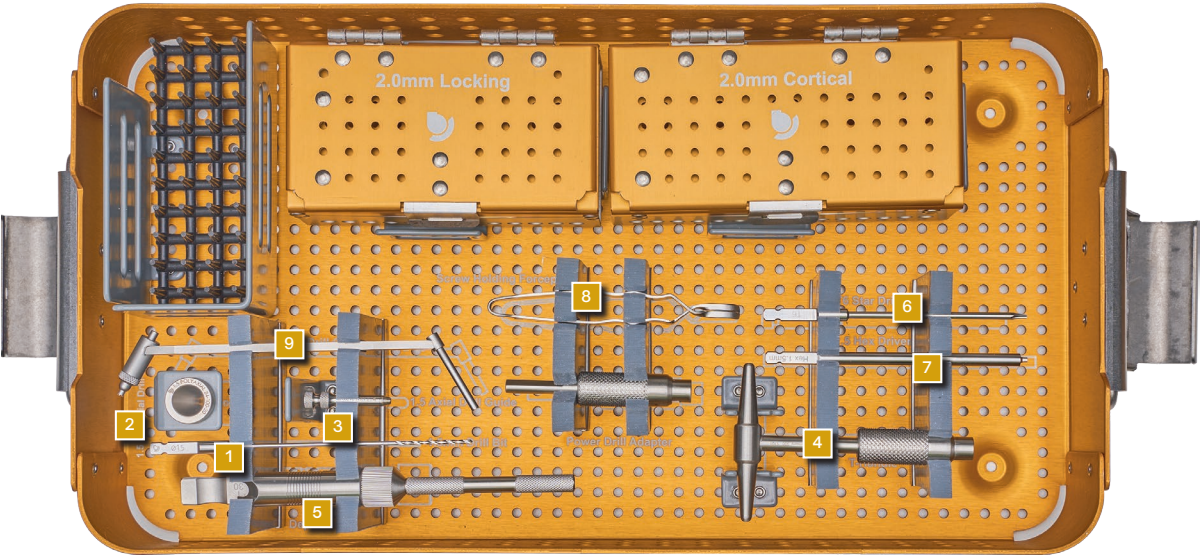
Vetros Putty Bioactive Bone Graft

ITEM #	PRODUCT
VPY-020	Vetros PUTTY Bioactive Bone Graft Sterile 2 cc Dose Syringe Application



TPLO & BONE PLATES

2.0 Screw Cases and Instruments

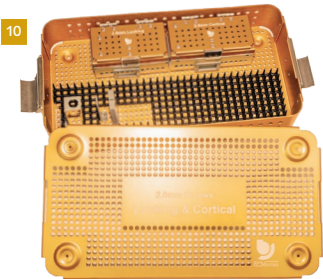


ITEM #	PRODUCT
1	24-300-15 1.5 mm Drill Bit Small Quick Coupling (SQC)
2	24-100-20 2.0 Polyaxial Drill Guide
3	24-200-20 2.0 Uniaxial Drill Guide
4	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK
5	319.11 Mini Depth Gauge for 1.5/2.0/2.4mm Screws, 10-30mm - 1.1mm Tip
6	GS 86.1606 Screwdriver Bit Star 3.5" T6 SQC
7	GS 86.1505 Screwdriver Bit Hexagonal 4" 1.5 mm SQC
8	SAH.30-3040 Spectrum Screw Holding Forceps 3.5" (For 1.5 mm - 2.7 mm Bone Screw)
9	UDG 1.5/2.0 - 1.5/2.0mm Universal Drill Guide - For 2.0mm Cortex Screw/1.5mm Drill Bit
	24-505-20 Case 2.0 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-20 Case 2.0 mm Bracketed (All Brackets)

**Some instruments are available through other vendors/brands*

2.0 mm Locking & Cortical Screw & Instrument Case
Bracketed with All Instruments and Screws
Unbracketed with Drill Guides and All Screws

INSTRUMENT CALIBRATION RECOMMENDATION	
INSTRUMENT SET	MAX. CASES
2.0 Locking & Cortical Screw Set	100

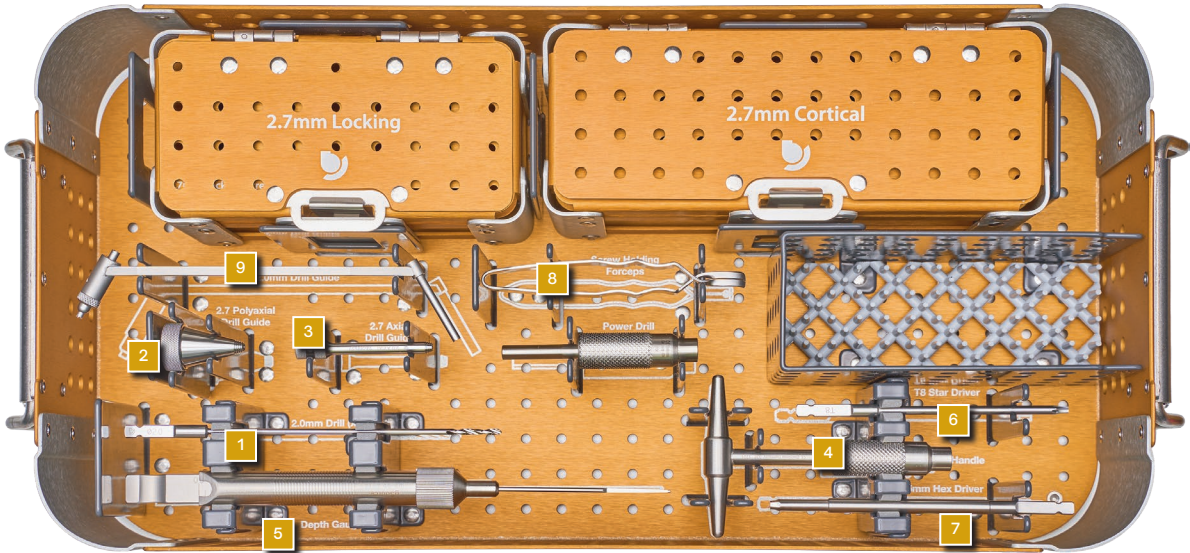


TPLO & BONE PLATES

2.7 Screw Cases and Instruments

ITEM #	PRODUCT
1	24-300-20 2.0 mm Drill Bit Small Quick Coupling (SQC)
2	24-100-27 2.7 Polyaxial Drill Guide
3	24-200-27 2.7 Uniaxial Drill Guide
4	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK
5	319.01 Depth Gauge for 2.4-4.0mm Screws, 5-60 mm - 1.8 mm Tip
6	86.1608 Screwdriver Bit Star 3.5" T8 (SQC)
7	86.1506 Screwdriver Bit Hexagonal 4" 2.5 mm SQC
8	SAH.30-3040 Spectrum Screw Holding Forceps, 3.5", (For 1.5 mm - 2.7 mm Screws)
9	UDG 2.0/2.7 2.0/2.7mm Universal Drill Guide - For 2.7mm Cortex Screw/2.0mm Drill Bit
	24-505-27 Case 2.7 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-27 Case 2.7 mm Bracketed (All Brackets)

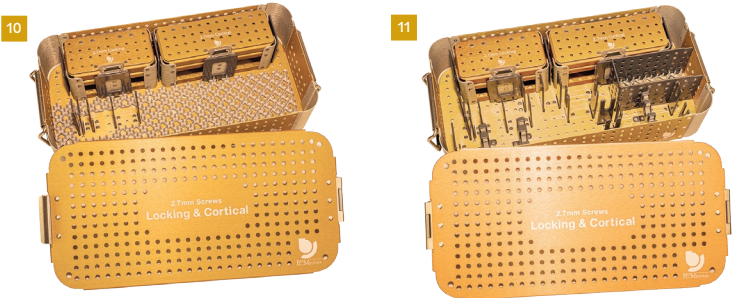
**Some instruments are available through other vendors/brands*



2.7 mm Locking & Cortical Screw & Instrument Case
Bracketed with All Instruments and Screws
Unbracketed with Drill Guides and All Screws

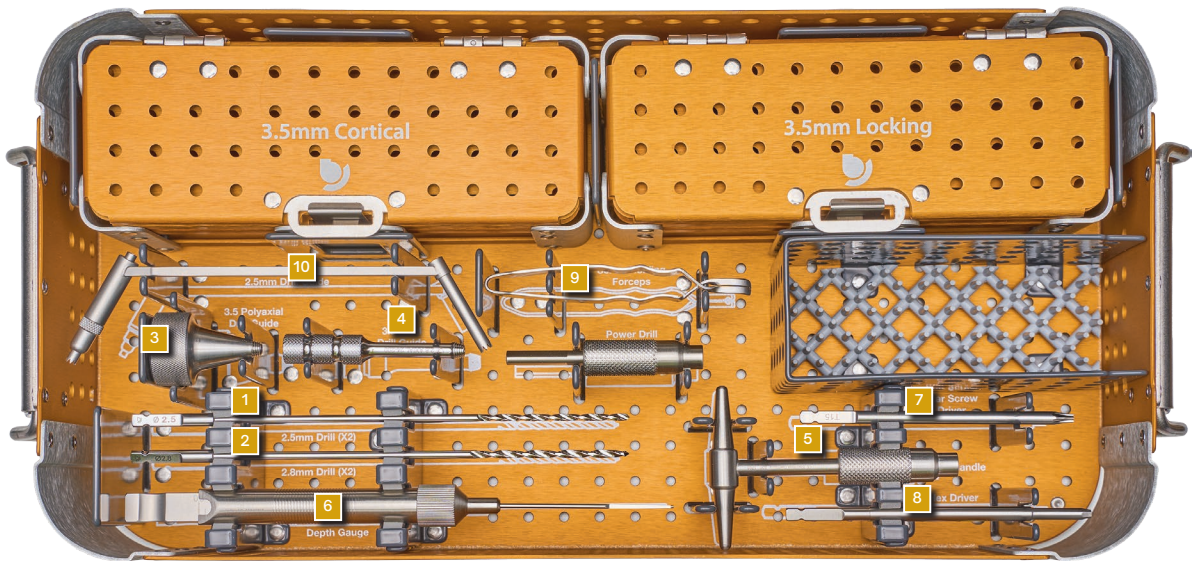
INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
2.7 Locking & Cortical Screw Set	100



TPLO & BONE PLATES

3.5 Screw Cases and Instruments



ITEM #	PRODUCT
1	24-300-25 2.5 mm Drill Bit SQC
2	24-300-28 2.8 mm Drill Bit SQC
3	24-100 3.5 Polyaxial Drill Guide
4	24-200 3.5 Uniaxial Drill Guide
5	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK Coupling
6	319.01 Depth Gauge for 2.4-4.0mm Screws, 5-60mm - 1.8mm Tip
7	86.1715 Screwdriver Bit Star 3.5" T15 (SQC)
8	86.1506 Screwdriver Bit Hexagonal 4" 2.5 mm SQC
9	SAH.30-3041 Spectrum Screw Holding Forceps, 3.5", (For 3.5 mm - 6.5 mm Screws)
10	UDG 2.5/3.5 2.5/3.5mm Universal Drill Guide - For 3.5 mm Cortex Screw/2.5 mm Drill Bit
	24-505-35 Case 3.5 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-35 Case 3.5 mm Bracketed (All Brackets)

**Some instruments are available through other vendors/brands*

3.5 mm Locking & Cortical Screw & Instrument Case
Bracketed with All Instruments and Screws
Unbracketed with Drill Guides and All Screws

INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
3.5 Locking & Cortical Screw Set	100



MICROSILVER SPRAY

The MicroSilver Spray provides a long-term protective barrier effect against bacteria and thus strengthens and promotes the skin's natural wound healing. MicroSilver BG™ inhibits microbial contamination and keeps the wound environment free from additional exogenous bacterial sources. Hyaluronic acid sodium salt (HA) allows the rapid diffusion of water-soluble molecules and migration of cells. Moist wound treatment is the state-of-the-art wound care in human medicine.



Product Benefits

- **Wound Management:** Dry spray for management of minor exuding wounds.
- **Beneficial Healing Environment:** Absorbs excess moisture while HA coating binds water, creating a moist and beneficial healing environment.
- **Soothing:** Soothes the skin.
- **Skin Regeneration:** Supports skin regeneration.
- **Limits Bacterial Spread:** Locally limits the spread of bacteria.

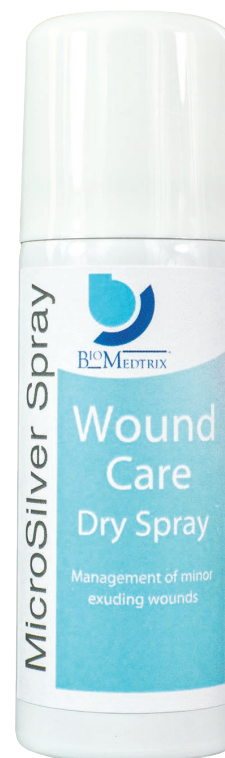
Instructions for Use

1. Shake well before use.
2. Spray the wound prior to applying a dressing.
3. When changing the dressing, reapply the spray prior to applying new dressing.

Prevent Infection and Promote Healing

Works Best For: Minor Surgical Wounds, Abrasions, Minor Burns, Abscesses, and Sores

ITEM #	PRODUCT
50-20-50	50 ml Wound Care Dry Spray



MICROSILVER BG™ FOR BONE CEMENT

Pure Element Silver Powder For Bone Cement



ITEM #	PRODUCT
40-10-25	MicroSilver BG Antimicrobial Powder 0.25g for 20g (half dose) PMMA

Product Benefits

Enhanced Antimicrobial Activity: Provides enhanced antimicrobial activity to PMMA cement.

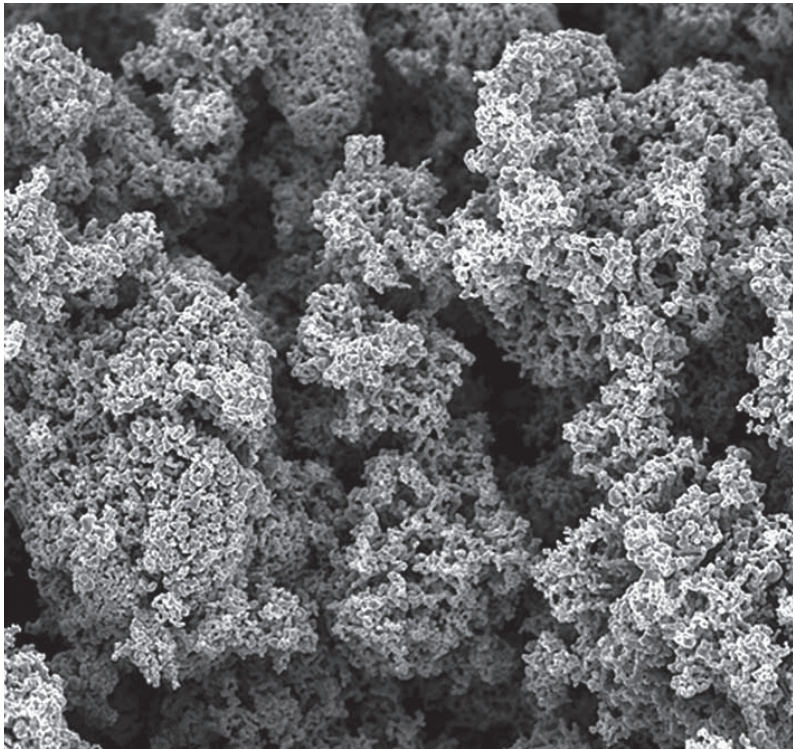
Proven Efficacy: Efficacy of silver in PMMA proven in vitro.

Proven Efficacy Against MRSA: Efficacy of silver in MRSA proven in vitro.

ISO 10993 Biocompatibility: Excellent biocompatibility according to ISO 10993.

Animal Model MRSA Efficacy: Efficacy against MRSA proven in animal model.

Human Model MRSA Efficacy: Efficacy against MRSA proven in human prospective study.



Five-Year Clinical Survey (2014-2019)

Clinical Sites:	47
Total Clinical Cases:	516
Sites Responding to Survey:	17 (36.2%)
Total Clinical Cases Reported:	274 (53.1%)
Infections following use of MicroSilver Additive:	2 (0.73%)

Indications of Use:	
1. Prophylactically in virgin THR cases:	256 (93.4%)
2. Prophylactically for Revision THR cases:	4 (1.5%)
3. Existing infection THR Revision:	12 (4.4%)

EXPANDED INDICATIONS

Canine Total Knee™ Replacement System

BioMedtrix® has incorporated successful design concepts from human knee reconstruction into the Canine Total Knee system and completed them with specific design features based on the canine anatomy and biomechanics. The system focuses on accuracy and alignment of the preparation for restoration of knee biomechanics, and an extensive array of completely interchangeable implant sizes allowing for optimum patient fit.

TATE Elbow® System

The TATE Elbow arthroplasty was developed in an effort to alleviate the pain and suffering associated with canine elbow dysplasia. Through novel ideas and by addressing surgical complications brought to light by previous canine elbow systems, the TATE Elbow has proven to be a minimally invasive surgical option. The TATE Elbow system utilizes an innovative design created to promote surgical ease and accuracy, low morbidity, and a low complication rate with a minimal number of components. This implant is currently being used in a multi-center international study.

TATE Ankle™ System

The TATE Ankle Replacement was developed as an alternative to fusion for ankles with severe osteoarthritis. It follows the same surgical technique as the TATE Elbow but with a few critical advancements. The instrumentation has been dramatically simplified but with a significant increase in accuracy. The cartridge implant has been updated to allow for easier insertion and improved post-op implant fixation. This implant is currently being used in a multi-center international study.

Custom Designs

In addition to total joint replacement, nail, and plate systems, BioMedtrix regularly works with leading veterinary orthopedic surgeons to develop custom implants. These implants are often designed to address unique surgical indications yet may influence development of standard implant solutions.



CANINE TOTAL KNEE IMPLANTS

Canine Total Knee Cemented Tibial Component

ITEM #	PRODUCT
28-003-30-05	30 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-30-07	30 mm (7 mmThk) Canine Knee Cemented Tibial Component
28-003-30-09	30 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-05	32 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-07	32 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-09	32 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-05	34 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-07	34 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-09	34 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-05	36 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-07	36 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-09	36 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-05	38 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-07	38 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-09	38 mm (9 mm Thk) Canine Knee Cemented Tibial Component

Canine Total Knee Cementless Tibial Insert

ITEM #	PRODUCT
28-50-28-05	28mm (5mm Thk) Canine Knee Cementless Tibial Insert
28-50-28-07	28 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-28-09	28 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-05	30 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-07	30 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-09	30 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-05	32 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-07	32 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-09	32 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-05	34 mm (5mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-07	34 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-09	34 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-05	36 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-07	36 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-09	36 mm (9mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-05	38 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-07	38 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-09	38 mm (9 mm Thk) Canine Knee Cementless Tibial Insert

Canine Total Knee Femoral Implant

ITEM #	PRODUCT
28-001-30	30 mm Canine Knee Femoral Component
28-001-32	32 mm Canine Knee Femoral Component
28-001-34	34 mm Canine Knee Femoral Component
28-001-36	36 mm Canine Knee Femoral Component
28-001-38	38 mm Canine Knee Femoral Component
28-001-40	40 mm Canine Knee Femoral Component
28-001-42	42 mm Canine Knee Femoral Component



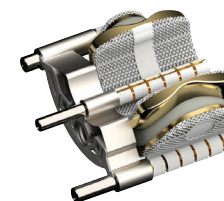
U.S. Patent Pending

Canine Total Knee Cementless Tibial Tray

ITEM #	Size
28-40-28	28 mm
28-40-30	30 mm
28-40-32	32 mm
28-40-34	34 mm
28-40-36	36 mm

TATE Elbow® System

ITEM #	PRODUCT
18-00-15L	15 mm Left
18-00-15R	15 mm Right
18-00-17L	17 mm Left
18-00-17R	17 mm Right
18-00-19L	19 mm Left
18-00-19R	19 mm Right



U.S. Patents #8,597,361; #8,012,214; #8,034,113;
#8,430,931; #9,782,184; Additional Patents Pending

TATE Ankle™ System

ITEM #	PRODUCT
26-00-17L	17mm Left
26-00-17R	17mm Right



U.S. Patents #8,597,361; #8,012,214; #8,034,113;
#8,430,931; #9,782,184; Additional Patents Pending

BONE SCREW SIZE AVAILABILITY CHART

	LOCKING SCREWS, SELF-TAPPING			CORTICAL SCREWS, SELF-TAPPING (T6-15)			CORTICAL SCREWS, SELF-TAPPING (HEX)					CANCELLOUS SCREWS, FULLY THREADED
	Diameter – in mm											
Length	2.0	2.7	3.5	2.0	2.7	3.5	1.5	2.0	2.7	3.5	4.5	4.0
6 mm	.	.		.	.		.	.	.
7 mm							.	.	.			
8 mm	.	.		.	.		.	.	.
9 mm							.	.	.			
10 mm	.	.	.	.	.	.	.	.	.	.		.
11 mm							.	.	.	.
12 mm	.	.	.	.	.	.	.	.	.	.	.	.
13 mm							.	.	.	.
14 mm	.	.	.	.	.	.	.	.	.	.	.	.
16 mm	.	.	.	.	.	.	.	.	.	.	.	.
18 mm	.	.	.	.	.	.	.	.	.	.	.	.
20 mm	.	.	.	.	.	.	.	.	.	.	.	.
22 mm	.	.	.	.	.	.	.	.	.	.	.	.
24 mm	.	.	.	.	.	.	.	.	.	.	.	.
26 mm	.	.	.	.	.	.		.	.	.	.	.
28 mm	.	.	.	.	.	.		.	.	.	.	.
30 mm	.	.	.	.	.	.		.	.	.	.	.
32 mm		.	.	.	.	.		.	.	.	.	.
34 mm		.	.	.	.	.		.	.	.	.	.
35 mm												.
36 mm			.	.	.	.		.	.	.	.	.
38 mm			.	.	.	.		.	.	.	.	.
40 mm			.	.	.	.		.	.	.	.	.
42 mm			.		.	.			.	.	.
44 mm					.				.		.	
45 mm			.		.	.			.	.	.	.
46 mm					.				.	.	.
48 mm			.		.	.			.	.	.
50 mm			.		.	.			.	.	.	.
52 mm			.		.	.			.	.	.
54 mm											.	
55 mm			.		.	.			.	.	.	.
56 mm										.	.	
58 mm											.	
60 mm			.			.				.	.	.
65 mm										.	.	.
70 mm										.	.	.
75 mm											.	
80 mm											.	
85 mm											.	
90 mm											.	
95 mm											.	
100 mm											.	
105 mm											.	
110 mm											.	
Drive Bit	T6 Drive	T8 Drive	T15 Drive	T6 Drive	T8 Drive	T15 Drive	1.5 mm Hex Drive		2.5 mm Hex Drive			

SIZE	ITEM #
Locking Screw	24-10-XX-XX
Cortical Screw (T6-15)	20-11-XX-XX
Cortical Screw (Hex)	20-01-XX-XX
Cancellous Screw	20-02-XX-XX

Diameter (mm) | Length (mm)



Catalog Number Example:
3.5 x 22 mm Locking Screw
(24-10-35-22)

