intrauma®

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Isolock

Orthopedic Suture System

Dates and images

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/ What is Isolock

Isolock is an orthopedic suture system made of:
- UHMWPE braided suture[1]
- Titanium button
- Stainless steel needle
- Titanium interference screw

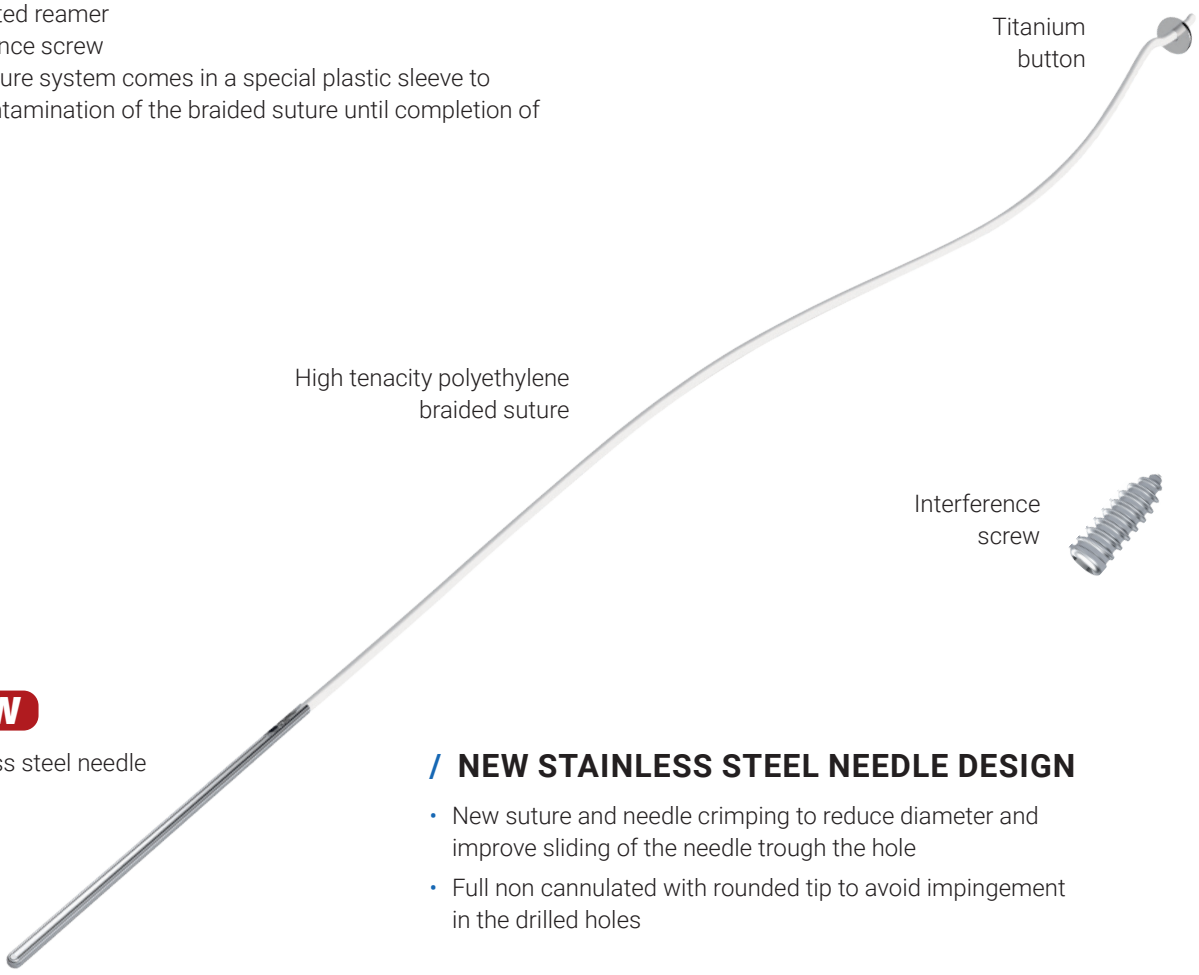
Isolock suture system is available in three sizes:
- 1.0mm up to 10Kg
- 1.5mm up to 20Kg
- 2.0mm up to 30Kg

Isolock is provided completely sterile and comes in convenient Kits; kit includes:
- Pre-assembled suture
- Cannulated reamer
- Interference screw

Isolock suture system comes in a special plastic sleeve to reduce contamination of the braided suture until completion of surgery.

/ Benefits of Isolock

- Sterilized
- Few instruments
- Easy to use
- One product with two different surgeries
  – CRCL repair
  – Patella Luxation
- Competitive price



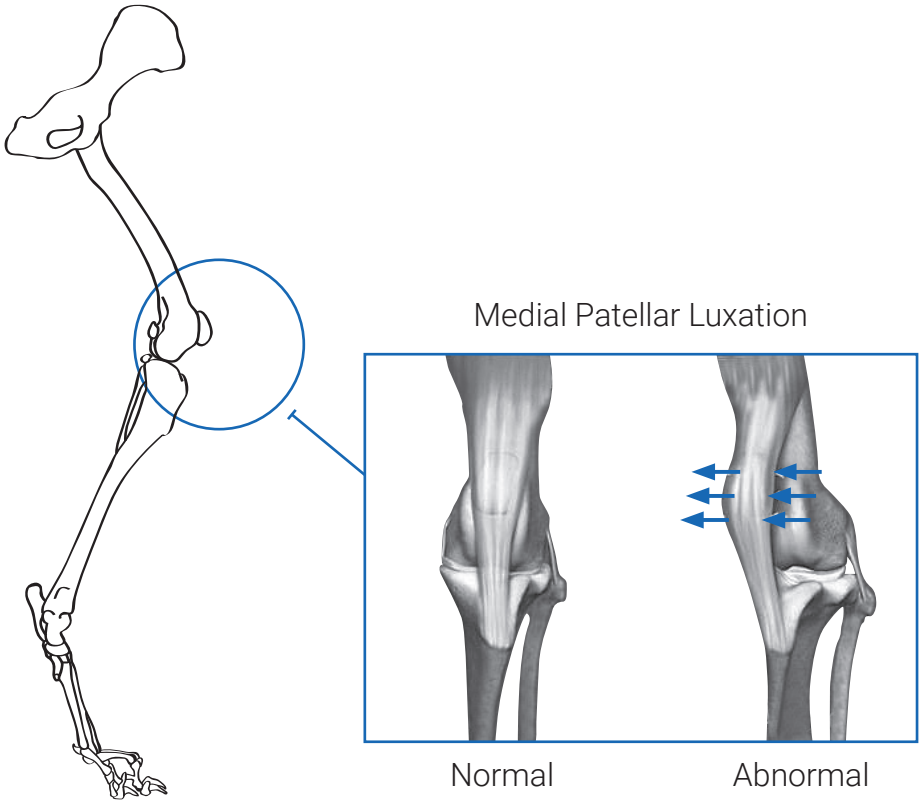
/ NEW STAINLESS STEEL NEEDLE DESIGN

- New suture and needle crimping to reduce diameter and improve sliding of the needle trough the hole
- Full non cannulated with rounded tip to avoid impingement in the drilled holes

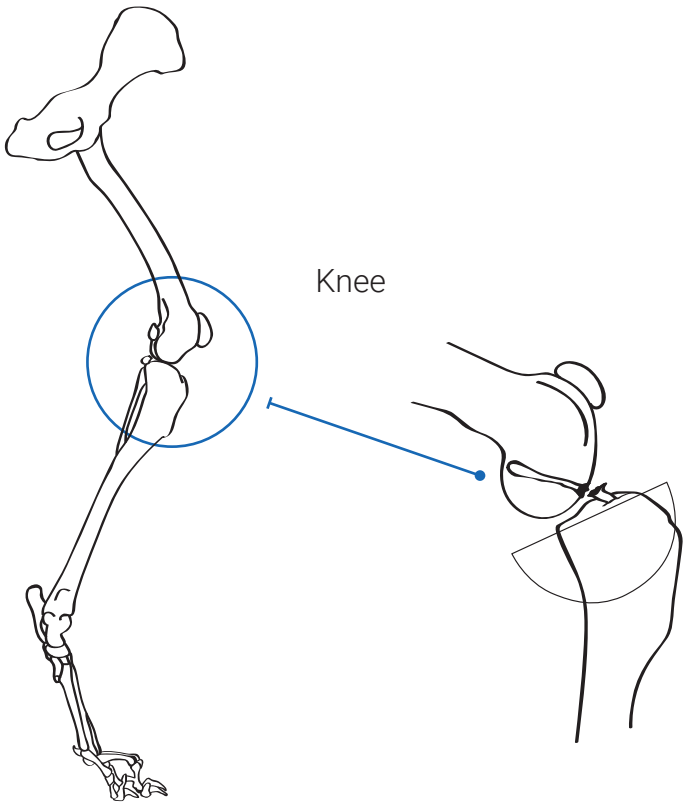
[1] A very tough material, with the highest impact strength of any thermoplastic presently made. UHMWPE is odorless, tasteless, and nontoxic. It is highly resistant to corrosive chemicals has extremely low moisture absorption and a very low coefficient of friction; is self-lubricating; and is highly resistant to abrasion, UHMWPE fibers are used in personal armor, cut-resistant gloves, bow strings, climbing equipment, high-performance sails, suspension lines on sport.

One product two different surgeries.

/ PATELLA LUXATION



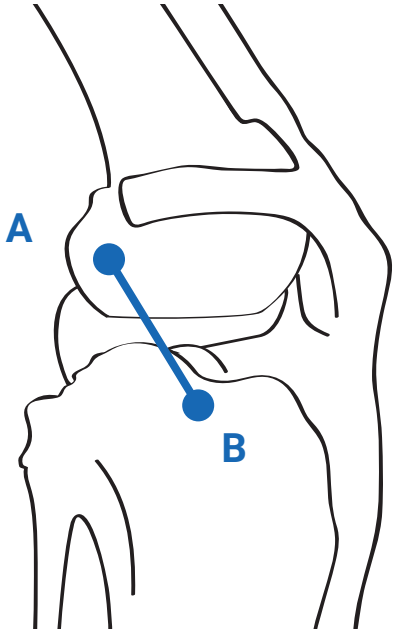
/ CRCL REPAIR



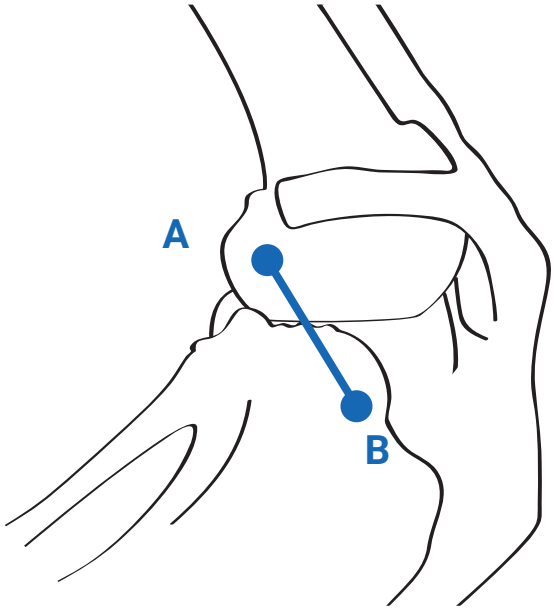
What is isometry?

The distance between two given points remains constant during range of motion.

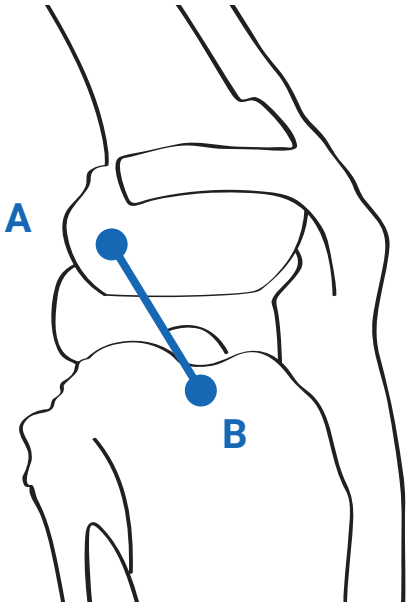
Neutral position



Flexion position



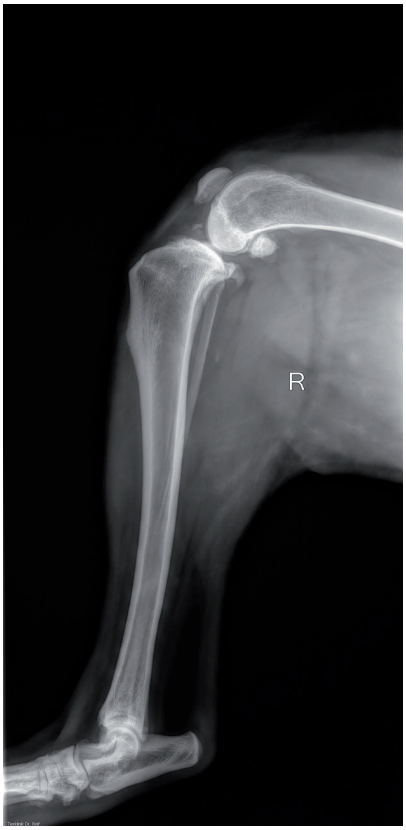
Extension position



X-ray – Mixed Breed.

Courtesy of Dr. Ullrich Reif

/ PRE



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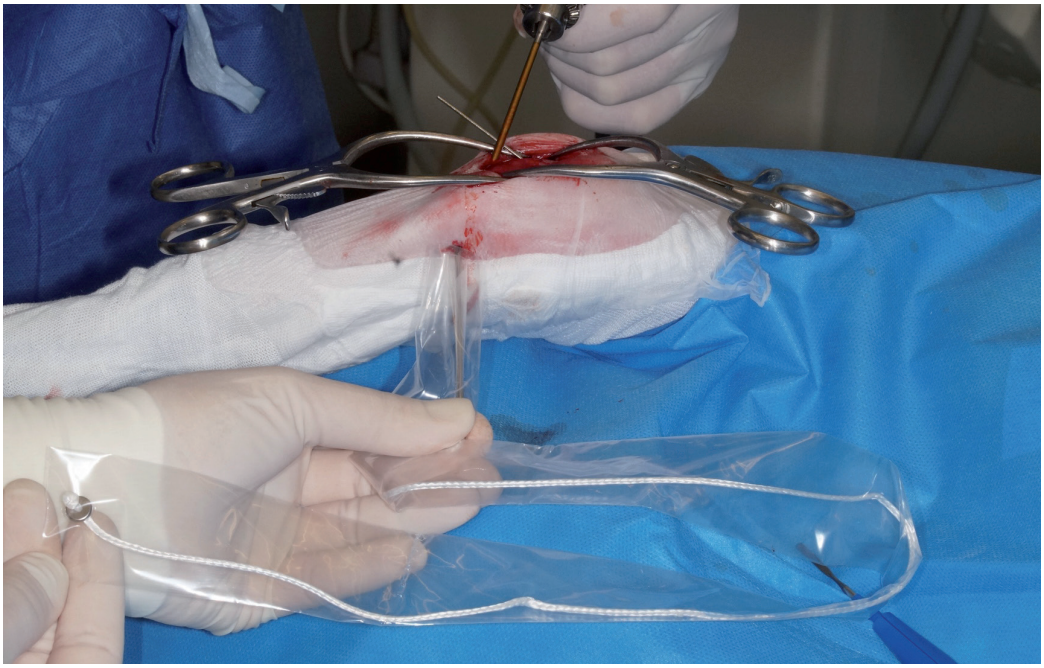
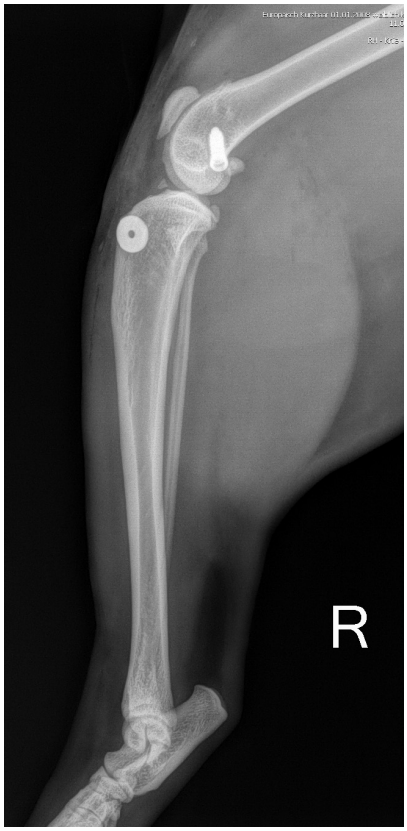


X-ray – Cat.

Courtesy of Dr. Ullrich Reif

/ PRE

/ POST



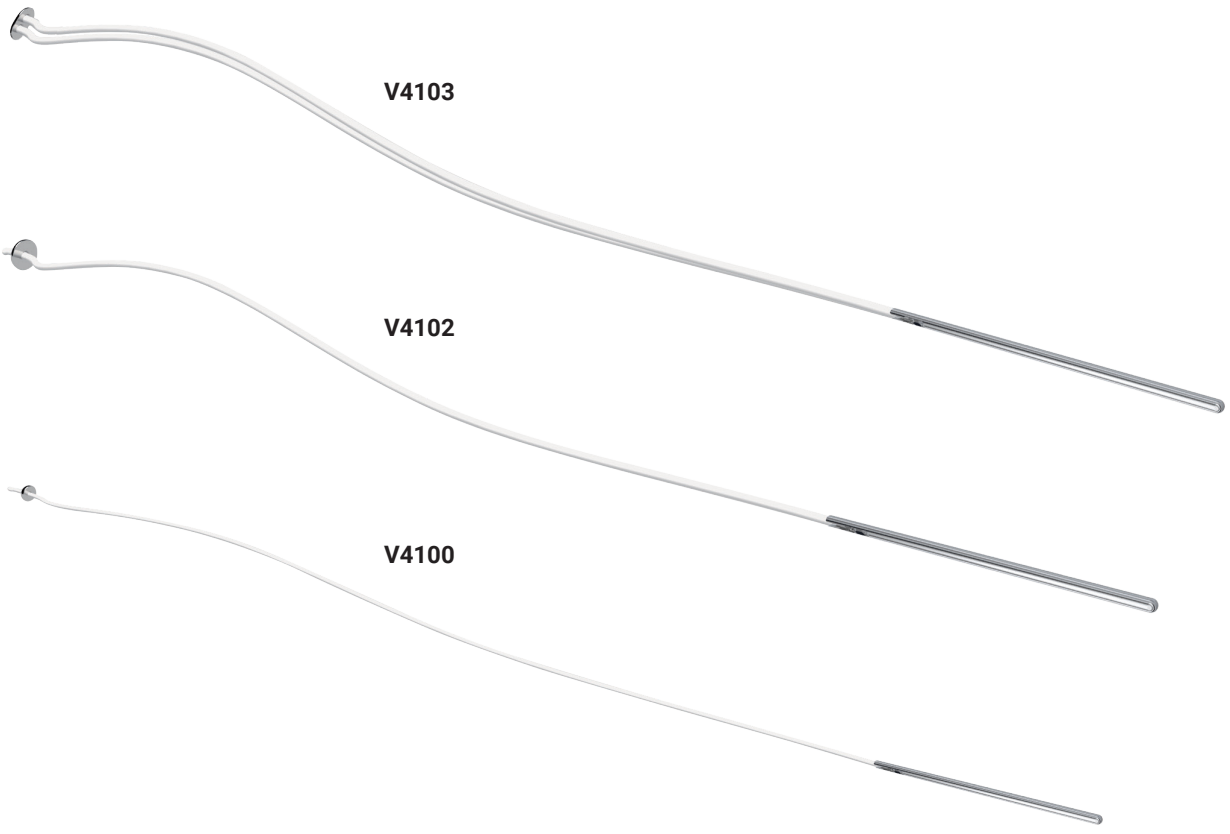
Ordering information.

/ IMPLANTS

Ref.	Description	Color Code
V4100	Iso-Lock Ø 1 mm	
V4102	Iso-Lock Ø 1.5 mm	
V4103	Iso-Lock Ø 2 mm	

/ KIT ISOLOCK

Ref.	Composition	Color Code
VK4100	Iso-Lock Ø 1 + Interference Screw Ø 4.0 + Reamer Ø 2.2 + 2x K-Wires Ø 1.5 L. 80	
VK4102	Iso-Lock Ø 1.5 + Interference Screw Ø 5.5 + Reamer Ø 2.8 + 2x K-Wires Ø 2 L. 100	
VK4103	Iso-Lock Ø 2 + Interference Screw Ø 5.5 mm + Reamer Ø 2.8 + 2x K-Wires Ø 2 L. 100	
VK4104	Iso-Lock Ø 1 + Interference Screw Ø 3.0 mm + Reamer Ø 2.2 + 2x K-Wires Ø1.5 L. 80	
VK4105	Iso-Lock Ø 1.5 + Interference Screw Ø 4.0 mm + Reamer Ø 2.8 + 2x K-Wires Ø 2 L. 100	

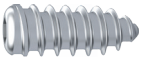


Instruments.

REF. V4007
Interference Screw Ø3.0mm

REF. V4005
Interference Screw Ø4.0mm

REF. V4006
Interference Screw Ø5.5mm



REF. VS406
Reamer Ø2.2mm

REF. VS407
Reamer Ø2.8mm

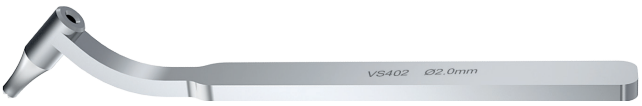
REF. VS408
Suture Fork Small

REF. VS409
Suture Fork Medium

REF. VS26
Ø1.0-1.2mm K-Wire Drill Guide

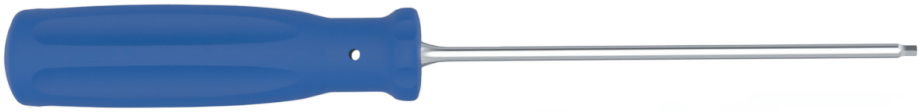
REF. VS401
Ø1.5mm K-Wire Drill Guide

REF. VS402
Ø2.0mm K-Wire Drill Guide

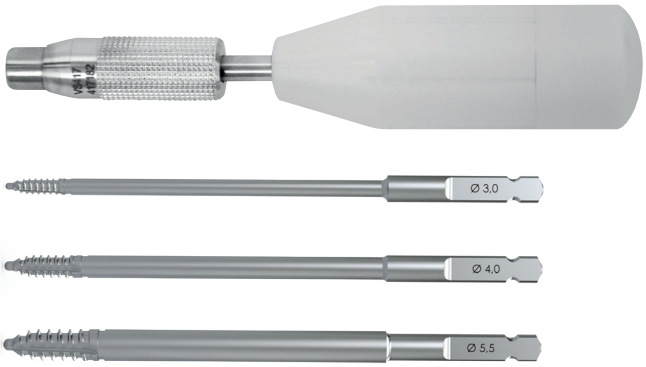


REF. VS188
Micro Series Screwdriver HL5 (**VS188A** - Rod / **VS188B** - Handle)

REF. S340
2.5mm Hex Screwdriver (to use with V4005 and V4006 screws)



REF. VS418
Kit Tap Ø3.0 - 4.0 - 5.5mm Screw



/ K-WIRE

Ref.	Description
VS4110	K-Wire 100mm Ø 1.2
VS4120	K-Wire 80mm Ø 1.5
VS4130	K-Wire 100mm Ø 2.0

/ NOTE

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