MIKAI

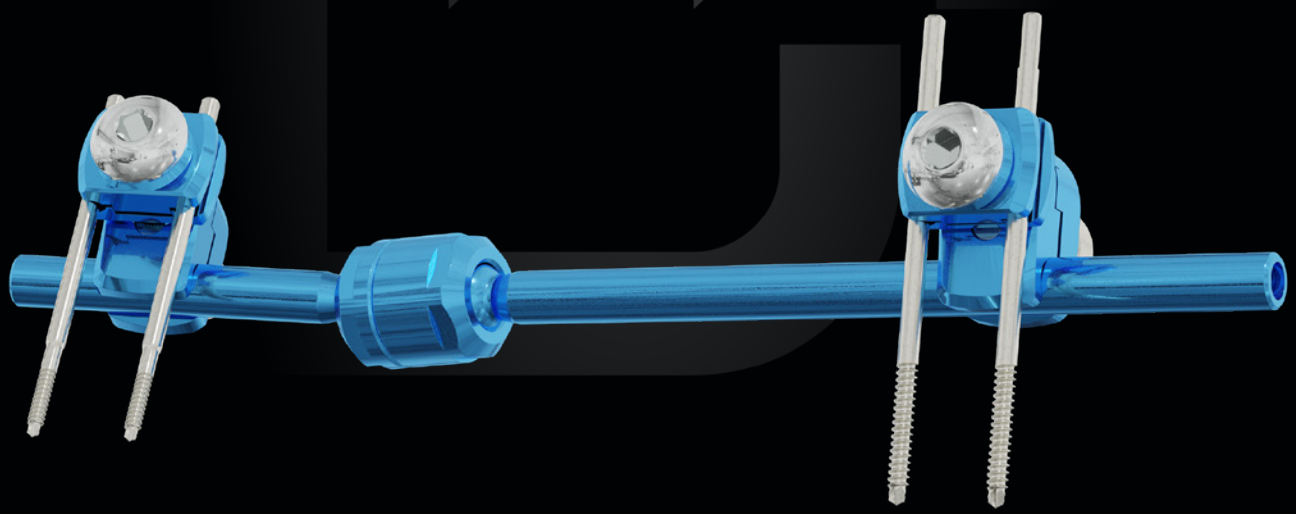
CLICKIT STYLO

WRIST EXTERNAL FIXATOR

Quick Connection Clamps

Modular and Versatile

Ball Joint



Indications

Minimally invasive treatment of intra and extra articular wrist fractures:

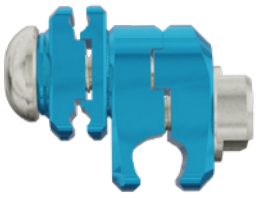
- unstable fractures of the distal radius/ulna
- open radius/ulna fractures
- radius/ulna fractures associated with severe soft tissue injury and/or damage

FEATURES	BENEFITS
Sterile disposable kit	Ready for use
Modular	Accessories for various applications
Aluminum and Steel Alloy	Lightweight

Components

Fixator Body

Ball joint facilitates reduction and allows correction on all planes.

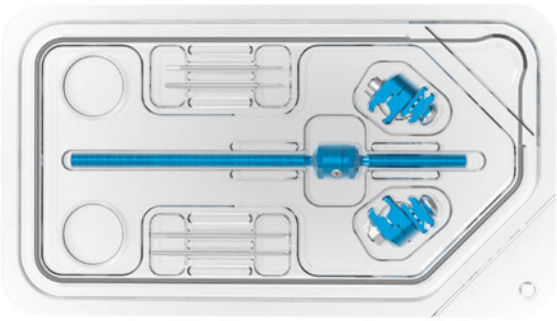


Quick connection clamp

The clamp closure on the fixator body is independent to the clamp closure on the bone screws.

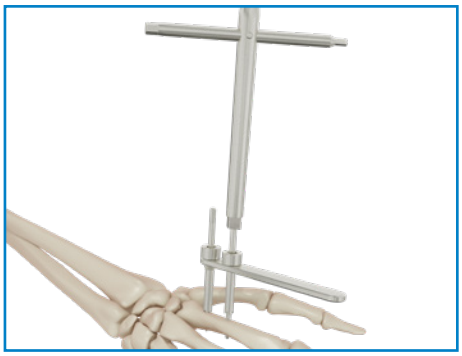
For improved fracture reduction and stability, additional screws and/or K-wires (1.5 mm to 3.0 mm) can be connected to the body of the fixator using auxiliary accessories.

ClickIt Stylo kit

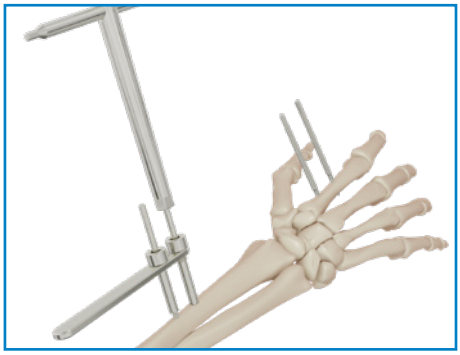


Description	Qty
Fixator body	1
Quick connection Clamp	2
Screw Ø 3.0 mm L 70 mm - radius	2
Screw Ø 3.0 mm L 60 mm threaded Ø 2.5 mm - metacarpal	2

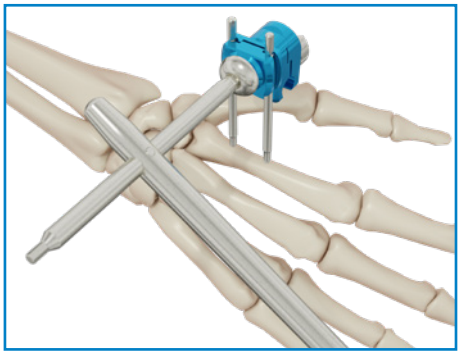
Operating Technique



Make a 1 cm skin incision at the level of the metaphysis of the second metacarpal, along the dorso-radial margin, lateral to the extensor tendon. Insert two 2.5 mm thread diameter decalibrated screws in the metacarpal, with an inclination of about 45° from the horizontal plane. Use a power drill to go through the first cortex and then continue by hand using wrench 5000625.

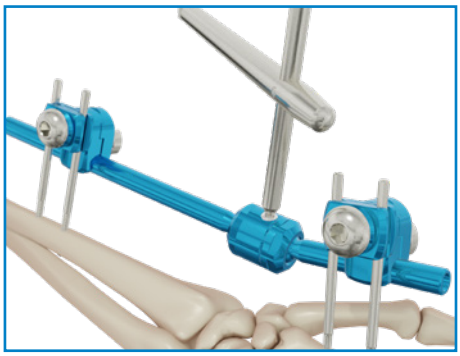


Make a 1 cm skin incision at an adequate distance from the fracture.
To facilitate the identification of the incision point, bring the fixator close to the limb, and position the ball joint on the radio-carpal joint.
Insert two 3.0 mm thread diameter screws into the radius, with an inclination of about 45° from the horizontal plane. Use a power drill to go through the first cortex and then continue by hand using wrench 5000625.

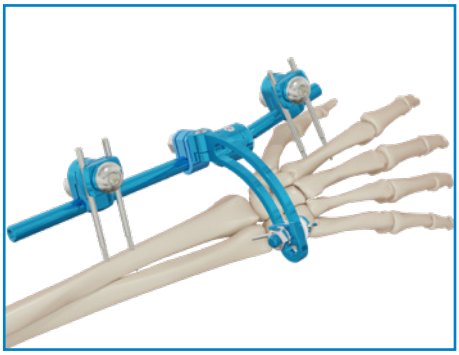


Insert the distal clamp on the bone screws and lock it by turning the dedicated clamp screw with wrench 5000625.
Repeat the procedure for the proximal clamp.

Attach the body of the fixator to the clamps and use wrench 5000625 to permanently secure the distal and partially secure the proximal clamp by tightening the dedicated screw of each clamp.
When positioning the fixator, make sure that the integrated screw of the ball joint is facing the operator.



Reduce the fracture.
Lock the ball joint of the fixator using wrench 5000625 and tighten the proximal clamp.
If, during reduction, the proximal clamp moves close to the end of the body of the fixator, it is recommended to use an extension which can be screwed to the proximal part of the body. Check that all the clamps and the joint have been tightened with wrench 5000625.



If additional bone/k-wires are necessary to stabilize the fracture, it is possible to connect them to the fixator by using the arch and/or dedicated clamps.

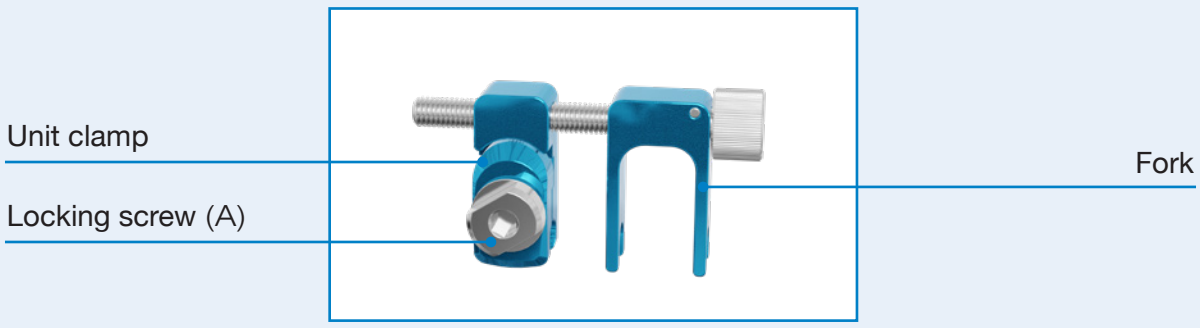
This operative technique is intended for orthopedic surgeons and describes the standard procedure suggested by the manufacturer. Surgeons should however decide on the best approach to be followed depending on their clinical judgment and the patient's needs.

Compression and distraction unit

Hook the fork of the unit onto the proximal clamp of the fixator.
Hook the clamp of the unit onto the bar of the fixator and tighten the locking screw (A).

Loosen the proximal clamp of the fixator so that the clamp can slide freely. Turn the screw of the unit in clockwise direction for compression and in counterclockwise direction to for distraction.
A full turn of the screw corresponds to 1.0 mm.

When the desired reduction is achieved, lock the previously loosened clamp and loosen the locking screw (A) of the unit clamp to allow for removal.

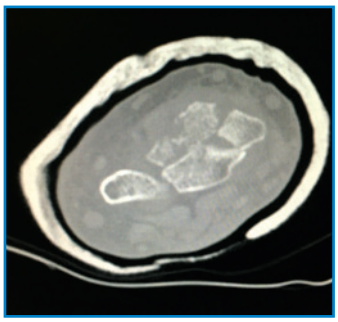


Clinical Case

Dr. M. Corain - Verona University Hospital

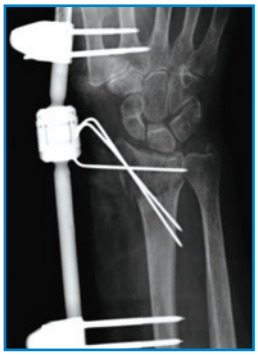
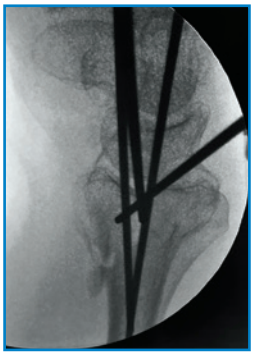
Woman, 78 years old. Domestic accident

Treated with plaster cast
Control Rx at 14 days



Control CT at 14 days

14 days post-fixation and removal of plaster cast for intolerance - Minimal exposure of the ulnar head

Treatment with Stylo fixator and K-wires
Rx and postoperative physical assessment

Fixator removal at 40 days - Rx control

Physical assessment at 4 months

5002000MST CLICKIT STYLO KIT

COMPONENTS and ACCESSORIES

Code	Description
5002007ST	Extension 40 mm
5002010ST	ClickIt Stylo single clamp
5002010AST	ClickIt Stylo single open clamp
5002011ST	ClickIt Stylo double extended clamp
5002022ST	Stylo double clamp
5002016ST	Arch Ø 120 mm 90°
5002016CST	Arch Ø 120 mm 90° with screw clamp
5002015ST	Stylo rail connector
5000004ST	Single clamp for arch
5002401ST	Self-drilling cortical screw Ø 3.0 mm shank L 60 mm thread L 20 mm
5002402ST	Self-drilling cortical screw Ø 3.0 mm shank L 70 mm thread L 20 mm
5002403ST	Self-drilling cortical screw Ø 3.0 mm shank L 80 mm thread L 20 mm
5002404ST	Self-drilling cortical screw Ø 3.0 mm shank L 90 mm thread L 20 mm
5002411ST	Self-drilling cortical screw Ø 3.0 mm shank L 50 mm thread Ø 2.5 mm L 12 mm
5002412ST	Self-drilling cortical screw Ø 3.0 mm shank L 60 mm thread Ø 2.5 mm L 12 mm
5002413ST	Self-drilling cortical screw Ø 3.0 mm shank L 70 mm thread Ø 2.5 mm L 12 mm
5002414ST	Self-drilling cortical screw Ø 3.0 mm shank L 80 mm thread Ø 2.5 mm L 12 mm
5002431ST	Threaded wire Ø 1.5 mm L 100 mm thread L 4.0 mm This wire can be used with clamps 5002010ST, 5002010AST, 5002011ST and 5000004ST

INSTRUMENTS *

Code	Description	Qty
5006562STY	Complete ClickIt Stylo instrument sterilization tray	
Consists of:		
5002072	Double drill guide	1
5002056	Screw Extension	1
5000214	T-handle wrench 10 mm	1
5000623	10 mm flat wrench	1
5000625	T-handle wrench and hex wrench 3.0-5.0 mm	1
5002024	Compression and distraction unit (optional)	1
5006560STY	ClickIt Stylo instrument sterilization tray (empty)	1

* Implantable and sterile devices are CE1936 marked, non-sterile reusable instruments are CE marked

Sterilization

ClickIt Stylo kits and components are delivered sterile.
It is recommended to sterilize instruments in saturated steam autoclave in compliance with the following parameters:
TEMPERATURE: 134° **EXPOSURE:** 10 minutes

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