XPERT WRIST 2.4 - VOLAR.

MINIMALLY INVASIVE TECHNIQUE SIZE 1 PLATES

Intended purpose:
The implants of the Xpert Wrist range are intended for the fixation of hand and forearm fractures, osteotomies and arthrodeses in adults.

Contraindications :
- Pregnancy.
- Acute or chronic local or systemic infections.
- Allergy to one of the materials used or sensitivity to foreign bodies.

REFERENCES

DISTAL RADIUS VOLAR PLATES	
Ref.	Description
DTGVN1	Distal radius plate - Narrow - Left - Size 1
DTDVN1	Distal radius plate - Narrow - Right - Size 1
DTGVS1	Distal radius plate - Standard - Left - Size 1
DTDVS1	Distal radius plate - Standard - Right - Size 1

MINIMALLY INVASIVE INSTRUMENTS		
Ref.	Description	Qty
ANC102*	Length gauge for Ø2.8 mm screws	1
ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
ANC695	Ø1.8 mm non threaded bent guide gauge for Ø2.4 mm screws	1
ANC696	Ø1.8 mm quick coupling drill bit - L125 mm	2
ANC904	MIS distal guide for distal radius plate - Narrow - Left	1
ANC905	MIS distal guide for distal radius plate - Narrow - Right	1
ANC906	MIS distal guide for distal radius plate - Standard - Left	1
ANC907	MIS distal guide for distal radius plate - Standard - Right	1
ANC908	Ø1.8 mm non threaded guide gauge	1
ANC909	Ø1.8 mm threaded guide gauge for Ø2.4 mm screws - MIS	2
ANC910	T8 screwdriver with AO quick coupling system	1
33.0218.080	Pin Ø1.8 - L80 mm	4

* Available in Xpert Wrist 2.4 kit

DTGVN1 DTDVN1

DTGVS1 DTDVS1

ANC904 ANC905

ANC906 ANC907

ANC350 ANC696 ANC908 ANC909 ANC910

SURGICAL TECHNIQUE

Example using a standard size 1 plate (DTDVS1) and the MIS guide for distal radius (ANC907)

1. Position the MIS guide (ANC907) onto the plate and lock into place using the two cannulated fixation screws.

2. Slide the plate under the pronator quadratus muscle and position the plate on the distal part of the radius, below the watershed line.

3. Insert a Ø1.8 L80 mm pin (33.0218.080) into the radio-ulnar part and check the positioning by x-ray. If required, remove the pin and reposition the plate.

4. Insert a pin into the radial part and check the positioning of the diaphyseal part of the plate (along the radial shaft).

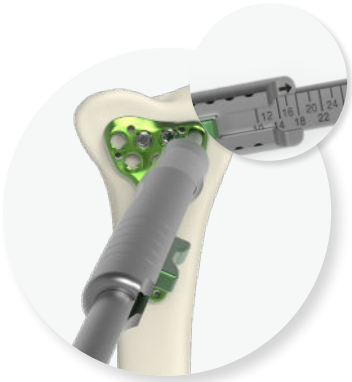
SURGICAL TECHNIQUE

5. Insert the non threaded guide gauge (ANC908) into one of the holes in the center of the MIS guide (ANC907).

Then, drill using the quick coupling drill bit (ANC696) and measure the length of the screw on the guide gauge (ANC908).

6. Using the T8 screwdriver (ANC910) insert a locking screw (SDT2.4Lxx).

Use the same technique as steps 5 and 6 for the second central hole.



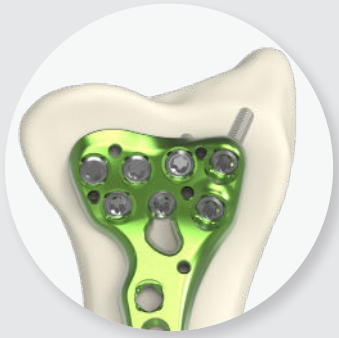
7. Remove the two pins and the MIS guide.

Then, measure the length of the screw using the length gauge (ANC102).

8. Insert a locking screw (SDT2.4Lxx) using the T8 screwdriver (ANC910).

9. Use the same technique as steps 7 and 8 for the radio ulnar screw.

OPTIONAL STEP 10



If required and depending on the type of fracture, screws can be added in the second distal row by locking the threaded guide gauge (ANC909) using the T8 screwdriver (ANC910)

ANC909 ANC910

11. Through the proximal incision, lock the threaded guide gauge (ANC909) using the T8 screwdriver (ANC910). Use the “lift off” technique to reduce the fracture.

12. Drill using the quick coupling drill bit (ANC696) and leave the drill bit inserted to maintain the reduction.

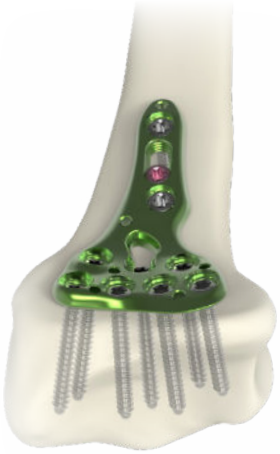
13. Position the non threaded bent guide gauge (ANC695) in the oblong hole. Drill using the second quick coupling drill bit (ANC696).

Mesure the screw length on the guide gauge (ANC695).Then insert a non-locking screw (CT2.4Lxx) or a locking screw (SDT2.4Lxx) into the oblong hole to finalize and stabilize the reduction.

14. For the proximal diaphysis hole: measure the screw length on the threaded guide gauge (ANC909) (A).

Remove the drill bit and guide gauge and insert a locking screw (SDT2.4Lxx).

15. Drill, then mesure the screw length, To finish, add the last locking screw in the diaphyseal part.



FINAL RESULT

Non-contractual pictures.

This information is intended to demonstrate the Newclip Technics portfolio of medical devices. Always refer to the package insert, product label and/or user instructions including cleaning and sterilization before using any Newclip Technics product.These products must be handled and/or implanted by trained and qualified staff who have read the instructions before use. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Newclip Technics representative if you have questions about the availability of Newclip Technics products in your area.
Newclip Technics : 45 rue des Garottières, 44115 Haute-Goulaine, France. Tél. : +33 (0)2 28 21 37 12 - Fax : +33 (0)2 40 63 68 37 - orders@newcliptechnics.com - www.newcliptechnics.com

Manufacturer: Newclip Technics – Brochure EN – MIS SIZE 1 – ED2 – 10/2024 - Medical device EC: class IIb – CE1639 SGS BE - US Class: II
Read labelling and instructions before the use of Newclip Technics medical devices. These products must be handled and/or implanted by trained and qualified staff who have read the instructions before use.