XPERT WRIST 2.4 - VOLAR.

MINIMALLY INVASIVE TECHNIQUE - XS 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.

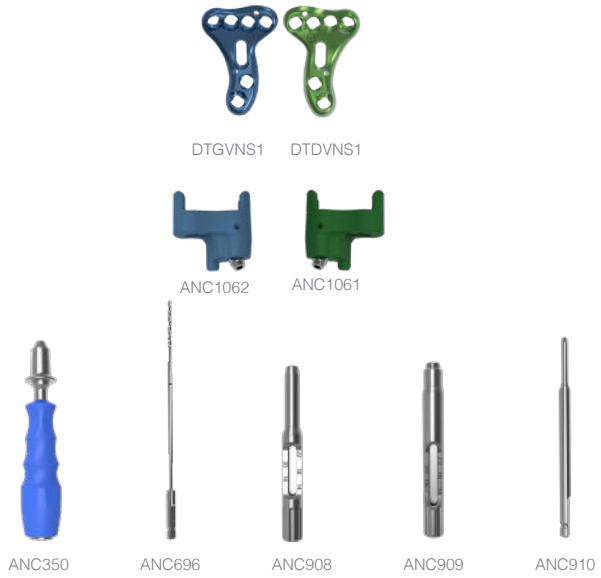
Contraindications :
- Pregnancy.
- Acute or chronic local or systemic infections.
- Allergy to one of the materials used or sensitivity to foreign bodies.

REFERENCES

DISTAL RADIUS VOLAR PLATES	
Ref.	Description
DTGVNS1	Distal radius plate - Narrow - Extra short - Left - Size 1
DTDVNS1	Distal radius plate - Narrow - Extra short - 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
ANC696	Ø1.8 mm quick coupling drill bit - L125 mm	2
ANC1061	MIS distal guide for distal radius plate - Narrow - Extra short - Right	1
ANC1062	MIS distal guide for distal radius plate - Narrow - Extra short - Left	1
ANC908	Ø1.8 mm non threaded guide gauge	1
ANC909	Ø1.8 mm threaded guide gauge - MIS Xpert	2
ANC910	T8 screwdriver with AO quick coupling system	1
33.0218.080	Pin Ø1.8 - L80 mm	2

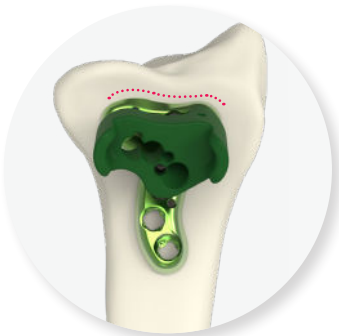
* Available in Xpert Wrist 2.4 kit



SURGICAL TECHNIQUE

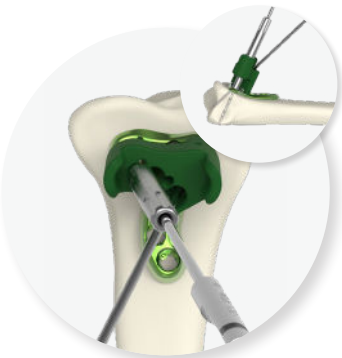
Example using an extra short plate (DTDVNS1) and the MIS guide for distal radius (ANC1061)

1. Position the MIS guide (ANC1061) onto the plate and lock into place using the cannulated fixation screw.



2. With a 5 mm radial incision of the pronator quadratus muscle, slide the plate underneath the pronator quadratus muscle on the volar aspect and below the watershed line.

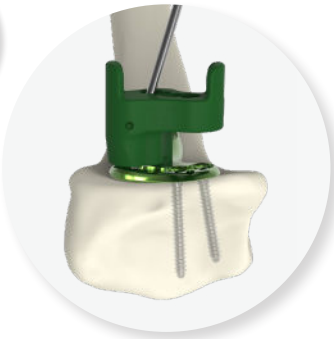
3. Insert a Ø1.8 L 80 mm pin (33.0218.080) into the radial part of the guide to stabilize the plate distally.



4. Insert the non threaded guide gauge (ANC908) into the ulnar hole of the MIS guide (ANC1061). Drill using the drill bit (ANC696). Check the positioning of the drill bit (sigmoid notch and radiocarpal joint) and reajust the plate positioning if necessary. Measure the length of the screw on the guide gauge.

Non-contractual pictures.

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



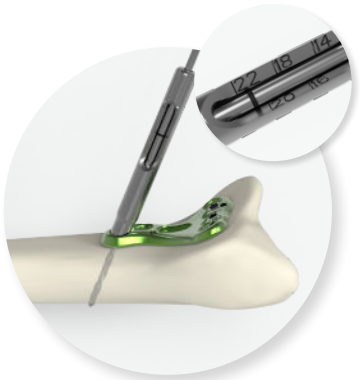
6. Use the same techique as steps 4 and 5 for the second ulnar hole.

7. Drill through the hole which is adjacent to the radial hole using the drill bit (ANC696), then drill the last radial hole.

Then, remove the pin and guide.

8. For the 2 radial holes, measure the length of the screws using the length gauge (ANC102) and insert 2 locking screws (SDT2.4Lxx).

9. Lock the threaded guide gauge (ANC909) into the proximal diaphyseal hole using the T8 screwdriver (ANC910).

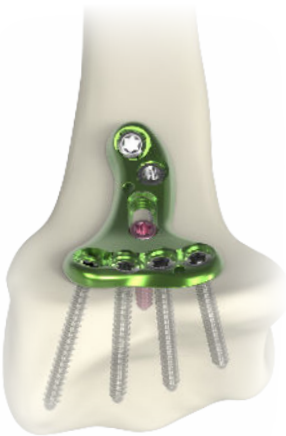


10. Drill using the drill bit (ANC696) and measure the screw length using the guide gauge (ANC909).

11. Using the T8 screwdriver (ANC910) insert a locking screw (SDT2.4Lxx) into the proximal diaphyseal hole.

12. Add a last locking screw (SDT2.4Lxx) in the diaphyseal part .

If necessary a locking screw (SDT2.4Lxx) or a non-locking screw (CT2.4Lxx) can be added in the oblong hole.



FINAL RESULT

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.

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Manufacturer: Newclip Technics – Brochure EN - Xpert Wrist 2.4 - MIS Xtra short – 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.