NEWCLIP TECHNICS

SURGICAL TECHNIQUE

XPERT WRIST 2.4

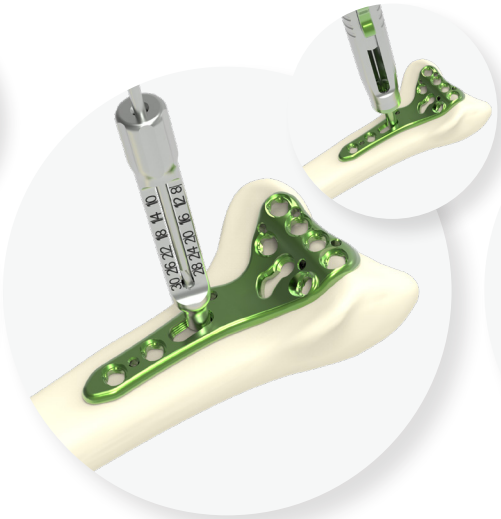
DISTAL RADIUS VOLAR RIM PLATES

DISTAL RADIUS VOLAR RIM PLATES

SURGICAL TECHNIQUE - DISTAL RADIUS VOLAR RIM PLATES (PAGE 1/2)

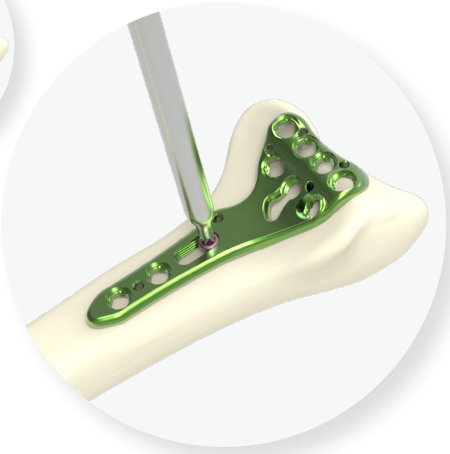
Example: volar rim plate (DETDVN1) for distal radius - Narrow head

1. Position the plate onto the watershed line using the lateral lip of the plate.



2. Drill (ANC696) using the threaded guide gauge (ANC694) or the non-threaded bent guide gauge (ANC695) into the oblong hole.

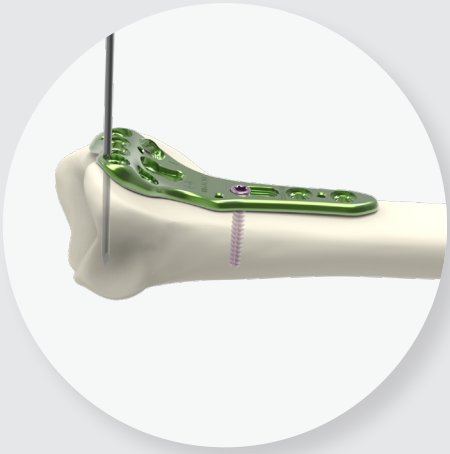
Determine the screw length directly on the guide gauge or use the length gauge (ANC102).



3. Insert the Ø2.4 mm standard cortical screw (CT2.4Lxx) using the screwdriver (ANC575).

NB: in case of poor bone quality, insert a Ø2.4 mm locking screw (SDT2.4Lxx).

OPTIONAL STEP



4. To ensure that the screws do not go into the joint, insert the pin (33.0214.120) into the radioulnar pin hole and verify its position by x-ray.

If necessary, remove the pin and readjust the plate positioning using the oblong hole.

5. Lock the threaded guide gauge (ANC694) in the radioulnar locking hole.

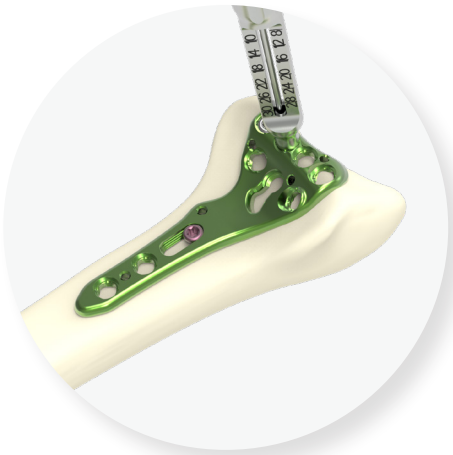
Determine the screw length directly on the guide gauge (ANC694) or use the length gauge (ANC102).

NB: if necessary you can modify the angulation using the polyaxial drill guide (ANC687) and the drill (ANC696). Then measure the depth using the length gauge (ANC102).

6. Insert a Ø2.4 mm locking screw (SDT2.4Lxx) using the screwdriver (ANC575).

SURGICAL TECHNIQUE - DISTAL RADIUS VOLAR RIM PLATES (PAGE 2/2)

Example: evolar rim plate (DETDVN1) for distal radius - Narrow head



7. Repeat the last 2 steps for the remaining locking screws (SDT2.4Lxx).

OPTIONAL STEP

8. In order to support the distal part, proceed in the same way as steps 5 and 6 (see page 14) for the monoaxial hole in the window.

FINAL RESULT

Post-operative consideration

The plate positioning onto the watershed line may increase the risk of tendon injury. The surgeon should take this into consideration during subsequent follow-up of the patient. Plate removal post-healing is mandatory.

IMPLANT REFERENCES

DISTAL RADIUS VOLAR RIM PLATES

DISTAL RADIUS VOLAR RIM PLATES	
Ref.	Description
DETGVN1 •	Extra distal plate for distal radius - Narrow head - Size 1 - Left
DETDVN1 •	Extra distal plate for distal radius - Narrow head - Size 1 - Right
DETGVS1 •	Extra distal plate for distal radius - Standard head - Size 1 - Left
DETDVS1 •	Extra distal plate for distal radius - Standard head - Size 1 - Right
DETGVW1 •	Extra distal plate for distal radius - Wide head - Size 1 - Left
DETDVW1 •	Extra distal plate for distal radius - Wide head - Size 1 - Right

• Available in an Initial R Xpert single use kit (see below for more information)

DETGVN1 DETDVN1 DETGVS1 DETDVS1 DETGWS1 DETDWS1

Initial R™ XPERT 2.4 single use kit

Newclip Technics also offers a single use sterile solution to treat hand and forearm fractures, osteotomies and arthrodeses: **Initial R™ Xpert 2.4**.

These kits are a range of single use kits with instrumentation and implants ready to use.

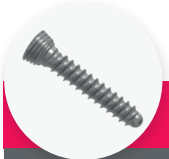
For more information, please refer to the Inital R Xpert brochure.

Please contact your NEWCLIP TECHNICS representative if you have questions about the availability of NEWCLIP TECHNICS products in your area.

SCREW REFERENCES

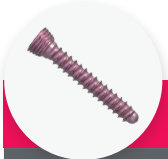
Remark:
All implants are also available in a sterile version.
An «-ST» is added to the end of the reference.
Ex: «SDT2.4L08-ST»

→ Ø2.4 MM SCREWS



Ø2.4 MM LOCKING SCREWS*	
Ref.	Description
SDT2.4L08	Locking screw with conical head - Ø2.4 mm - L08 mm
SDT2.4L10	Locking screw with conical head - Ø2.4 mm - L10 mm
SDT2.4L12	Locking screw with conical head - Ø2.4 mm - L12 mm
SDT2.4L14	Locking screw with conical head - Ø2.4 mm - L14 mm
SDT2.4L16	Locking screw with conical head - Ø2.4 mm - L16 mm
SDT2.4L18	Locking screw with conical head - Ø2.4 mm - L18mm
SDT2.4L20	Locking screw with conical head - Ø2.4 mm - L20 mm
SDT2.4L22	Locking screw with conical head - Ø2.4 mm - L22 mm
SDT2.4L24	Locking screw with conical head - Ø2.4 mm - L24 mm
SDT2.4L26	Locking screw with conical head - Ø2.4 mm - L26mm
SDT2.4L28	Locking screw with conical head - Ø2.4 mm - L28 mm
SDT2.4L30	Locking screw with conical head - Ø2.4 mm - L30 mm

* Non anodized



Ø2.4 MM CORTICAL SCREWS*	
Ref.	Description
CT2.4L08	Standard cortical screw - Ø2.4 mm - L08 mm
CT2.4L10	Standard cortical screw - Ø2.4 mm - L10 mm
CT2.4L12	Standard cortical screw - Ø2.4 mm - L12 mm
CT2.4L14	Standard cortical screw - Ø2.4 mm - L14 mm
CT2.4L16	Standard cortical screw - Ø2.4 mm - L16 mm
CT2.4L18	Standard cortical screw - Ø2.4 mm - L18 mm
CT2.4L20	Standard cortical screw - Ø2.4 mm - L20 mm
CT2.4L22	Standard cortical screw - Ø2.4 mm - L22 mm
CT2.4L24	Standard cortical screw - Ø2.4 mm - L24 mm
CT2.4L26	Standard cortical screw - Ø2.4 mm - L26 mm
CT2.4L28	Standard cortical screw - Ø2.4 mm - L28 mm
CT2.4L30	Standard cortical screw - Ø2.4 mm - L30 mm

* Pink anodized

INSTRUMENT REFERENCES

INSTRUMENTS		
Ref.	Description	Qty
ANC102	Length gauge	1
ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
ANC503	150 mm reduction forceps	1
ANC504	150 mm pointed reduction forceps	1
ANC575	T8 quick coupling screwdriver	2
ANC578*	Bending pliers	2
ANC687	Polyaxial drill guide - SDT2.4 hole	2
ANC694	Ø1.8 mm threaded guide gauge for Ø2.4 mm screws	2
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 - Narrow head - Left	1
ANC905** •	MIS distal guide for distal radius - Narrow head - Right	1
ANC906** •	MIS distal guide for distal radius - Standard head - Left	1
ANC907** •	MIS distal guide for distal radius - Standard head - Right	1
ANC1061 ** •	MIS distal guide for distal radius - Extra short - Right	1
ANC1062** •	MIS distal guide for distal radius - 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
ANC978	Pin support for Ø1.4 mm pin - Long	1
ANC979** •	Pin support for Ø1.2 mm pin	1
ANC1011	Rim hook prehensor	1
ANC1023** •	Ø1.2 mm short pin guide for distal radius arthroscopy	6
ANC1024** •	Ø1.2 mm long pin guide for distal radius arthroscopy	4
ANC1025** ** •	2 in 1 instrument : T8 screwdriver Ø1.3 mm cannulated - Guide gauge	1
ANC1026** •	Ø2.45 mm quick coupling drill bit - cannula Ø1.3 mm	1
ANC1136** •	Pins guides support	1
33.0212.120-MAR1 •	Pin Ø1.2 L120 mm	8
33.0214.120	Pin Ø1.4 L120 mm	6
33.0218.080 •	Pin Ø1.8 L80 mm	2
TD-111401-1.0NM-B	Ø4.5 mm AO quick coupling handle with torque driver 1Nm	1

** Available on demande
• Minimally Invasive Surgery
• Arthroscopic dedicated instruments

REMOVAL KIT

If you have to remove XPERT WRIST 2.4 implants, make sure to order the **Newclip Technics** removal set, which includes the following instruments:

- ANC575: T8 quick coupling screwdriver
- ANC350: Ø4.5 mm AO quick coupling handle - Size 1
- KIT-REMOVE-2 : sterile T8 prehensor screwdriver for Initial R Xpert kit.

*BENDING PLIERS

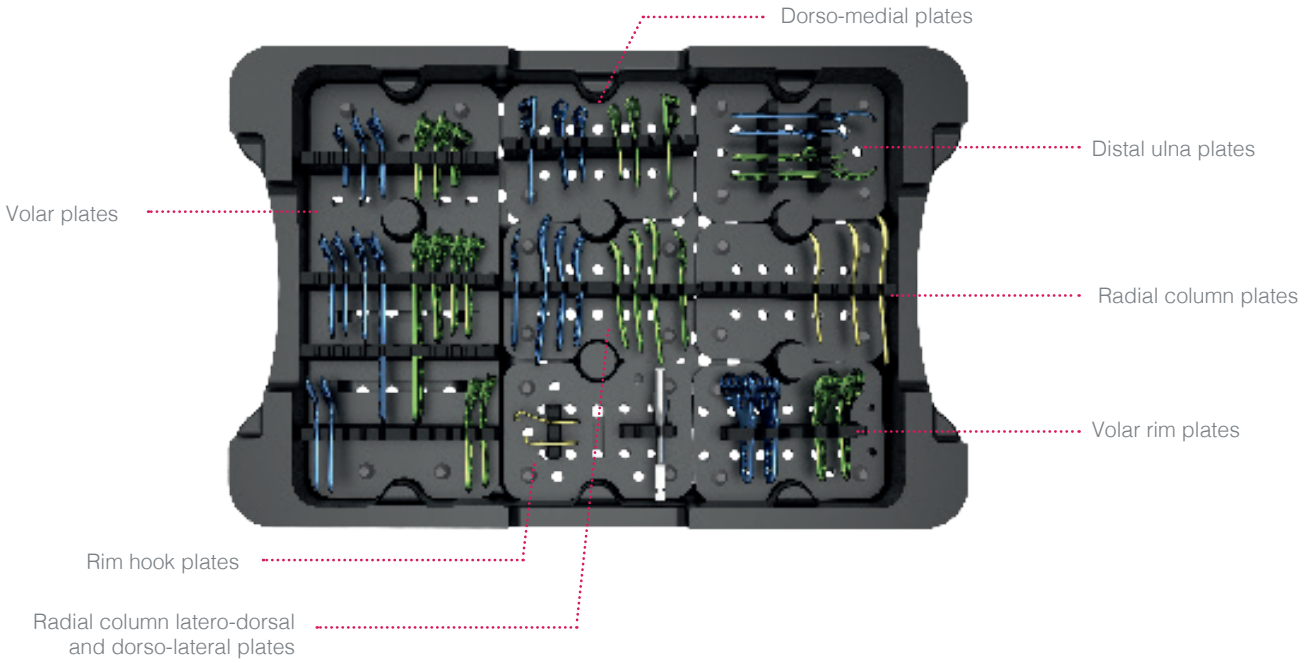
The bending pliers must not be used with the XPERT WRIST 2.4 - VOLAR PLATE RANGE

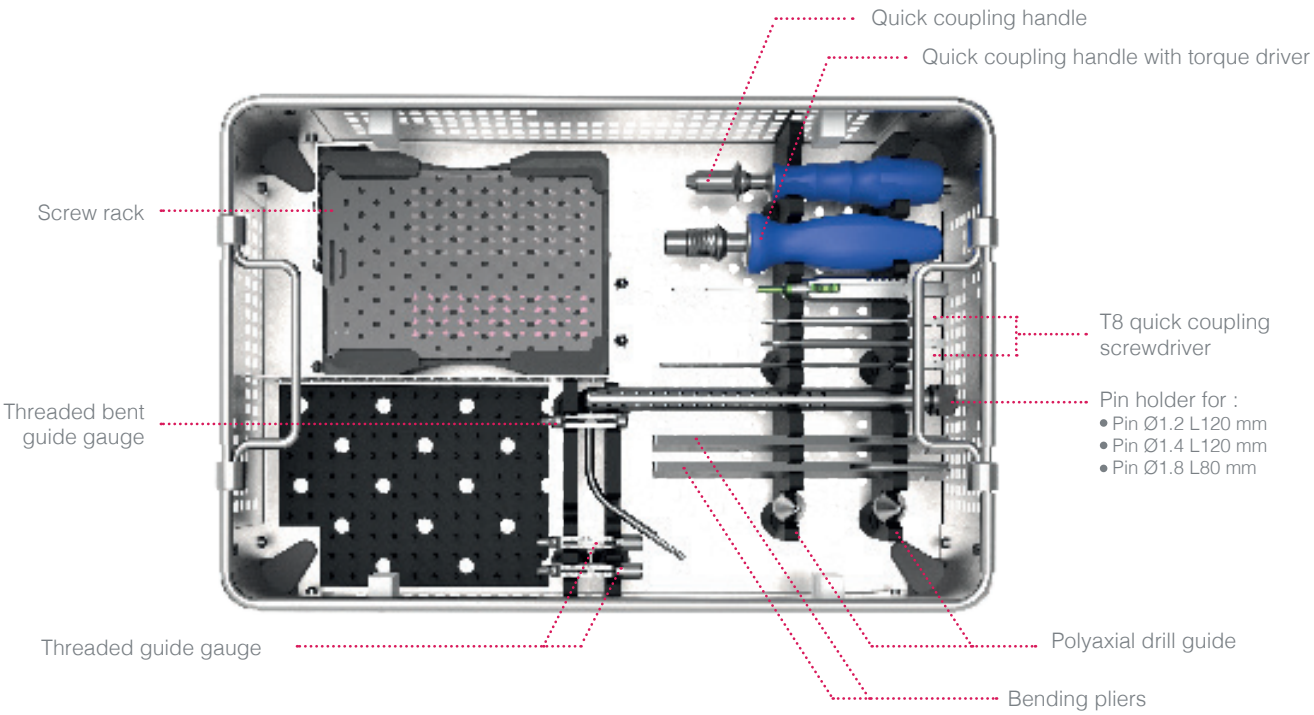
Indications : The implants of the Xpert Wrist 2.4 range are intended for hand and forearm fractures, osteotomies and arthrodeses in adults.

Contraindications:

- Serious vascular deterioration, bone devitalization.
- Pregnancy.
- Acute or chronic local or systemic infections.
- Lack of musculo-cutaneous cover, severe vascular deficiency affecting the concerned area.
- Insufficient bone quality preventing a good fixation of the implants into the bone.
- Muscular deficit, neurological deficiency or behavioral disorders, which could submit the implant to abnormal mechanical strains.
- Allergy to one of the materials used or sensitivity to foreign bodies.
- Serious problems of non-compliance, mental or neurological disorders, failure to follow post-operative care recommendations.
- Unstable physical and/or mental condition.

KIT DESCRIPTION





NEWCLIP TECHNICS

INNOVATION MEANS MOTION

Techop EN - Xpert Wrist 2.4 distal radius volar rim plates - Ed1 -05/22 - Medical device EC : class IIb - CE1639SGS BE - Read labeling and instructions before use.

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