

# ALIANS CLAVICLE EXTRA LATERAL PLATE



NEWCLIP-TECHNICS

► **Indications :** The implants of the Alians Clavicle range are dedicated to the fixation of fractures, mal-unions, non-unions, and osteotomies of the clavicle in adults.

## Contra-indications:

- 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.

## SURGICAL TECHNIQUE



1. Position the guide gauge (ANC191) into the oblong hole, drill  $\text{\O}2.7$  mm (range of self-limiting drill bits or ANC089C) then directly measure the drilling depth on the guide gauge (ANC191).

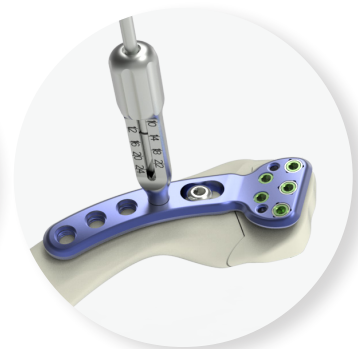


2. Widen the first cortex using the reamer part of the 2-in-1 instrument (ANC083C) then insert the standard cortical screw (CT3.5Lxx) using the same instrument. For optimal positioning, slide the plate using the oblong hole and tighten the cortical screw.

*Remark: perform reaming for the insertion of all the  $\text{\O}3.5$  mm screws.*



3. Insert the  $\text{\O}2.0$  mm threaded guide gauge (ANC268C) in the epiphyseal part of the plate. Then angulate as required, drill using the  $\text{\O}2.0$  mm drill bit (ANC088C) and directly measure the drilling depth on the  $\text{\O}2.0$  mm threaded guide gauge (ANC268C). Insert the  $\text{\O}2.8$  mm locking screws (SDT2.8Lxx) using the screwdriver (ANC082C).



4. In the diaphyseal part of the plate, insert the guide gauge (ANC186C) for  $\text{\O}3.5$  mm locking screws (SOT3.5Lxx) and drill  $\text{\O}2.7$  mm (range of self-limiting drill bits or ANC089C).

Then, insert the  $\text{\O}3.5$  mm locking screws (SOT3.5Lxx) with the screwdriver part of the 2 in 1 instrument (ANC083C).

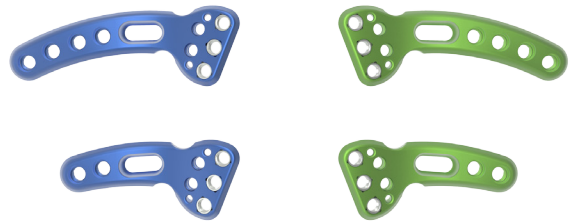
## FINAL RESULT



# IMPLANTS REFERENCES

## PLATES

Ref.	Description
CBTDLN1	Bendable clavicle plate - Lateral part - Extra - Size 1 - Right
CBTGLN1	Bendable clavicle plate - Lateral part - Extra - Size 1 - Left
CBTDLN2	Bendable clavicle plate - Lateral part - Extra - Size 2 - Right
CBTGLN2	Bendable clavicle plate - Lateral part - Extra - Size 2 - Left



## LOCKING SCREWS\* - Ø2.8 mm

Ref.	Description
SDT2.8L10	Locking screw - Ø2.8 mm - L 10 mm
SDT2.8L12	Locking screw - Ø2.8 mm - L 12 mm
SDT2.8L14	Locking screw - Ø2.8 mm - L 14 mm
SDT2.8L16	Locking screw - Ø2.8 mm - L 16 mm
SDT2.8L18	Locking screw - Ø2.8 mm - L 18 mm
SDT2.8L20	Locking screw - Ø2.8 mm - L 20 mm
SDT2.8L22	Locking screw - Ø2.8 mm - L 22 mm
SDT2.8L24	Locking screw - Ø2.8 mm - L 24 mm

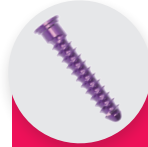
\* Green anodized.



## LOCKING SCREWS\* - Ø3.5 mm

Ref.	Description
SOT3.5L10	Locking screw - Ø3.5 mm - L 10 mm
SOT3.5L12	Locking screw - Ø3.5 mm - L 12 mm
SOT3.5L14	Locking screw - Ø3.5 mm - L 14 mm
SOT3.5L16	Locking screw - Ø3.5 mm - L 16 mm
SOT3.5L18	Locking screw - Ø3.5 mm - L 18 mm
SOT3.5L20	Locking screw - Ø3.5 mm - L 20 mm
SOT3.5L22	Locking screw - Ø3.5 mm - L 22 mm
SOT3.5L24	Locking screw - Ø3.5 mm - L 24 mm

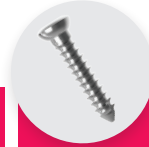
\* Blue anodized.



## NON LOCKING SCREWS\* - Ø3.5 mm

Ref.	Description
QOT3.5L10	Non locking screw - Ø3.5 mm - L 10 mm
QOT3.5L12	Non locking screw - Ø3.5 mm - L 12 mm
QOT3.5L14	Non locking screw - Ø3.5 mm - L 14 mm
QOT3.5L16	Non locking screw - Ø3.5 mm - L 16 mm
QOT3.5L18	Non locking screw - Ø3.5 mm - L 18 mm
QOT3.5L20	Non locking screw - Ø3.5 mm - L 20 mm
QOT3.5L22	Non locking screw - Ø3.5 mm - L 22 mm
QOT3.5L24	Non locking screw - Ø3.5 mm - L 24 mm

\* Pink anodized.



## CORTICAL SCREWS\* - Ø3.5 mm

Ref.	Description
CT3.5L10	Standard cortical screw - Ø3.5 mm - L10 mm
CT3.5L12	Standard cortical screw - Ø3.5 mm - L12 mm
CT3.5L14	Standard cortical screw - Ø3.5 mm - L14 mm
CT3.5L16	Standard cortical screw - Ø3.5 mm - L16 mm
CT3.5L18	Standard cortical screw - Ø3.5 mm - L18 mm
CT3.5L20	Standard cortical screw - Ø3.5 mm - L20 mm
CT3.5L22	Standard cortical screw - Ø3.5 mm - L22 mm
CT3.5L24	Standard cortical screw - Ø3.5 mm - L24 mm
CT3.5L26	Standard cortical screw - Ø3.5 mm - L26 mm

\* Not anodized.

# INSTRUMENTATION REFERENCES

## INSTRUMENTS

Ref.	Description	Qty
ANC082C	2.0 mm quick coupling hexagonal prehensor screwdriver	1
ANC083C	2 in 1 : 2.5 mm hexagonal prehensor screwdriver - Ø3.5 mm countersink	1
ANC084	Ø2.8 mm quick coupling countersink	1
ANC088C	Ø2.0 mm quick coupling drill bit - L 125 mm	1
ANC089C	Ø2.7 mm quick coupling drill bit - L 125 mm	1
ANC102	Length gauge for Ø2.8 mm screws	1
ANC103	2.0 mm hexagonal non prehensor screwdriver	1
ANC107	2.5 mm quick coupling hexagonal non prehensor screwdriver	1
ANC124	Length gauge for Ø3.5 mm cortical screws	1
ANC186	Ø2.7 mm threaded guide gauge for Ø3.5 mm screws	2

## INSTRUMENTS

Ref.	Description	Qty
ANC187	Ø2.7 mm quick coupling drill bit for 12 mm screws	1
ANC188	Ø2.7 mm quick coupling drill bit for 14 mm screws	1
ANC189	Ø2.7 mm quick coupling drill bit for 16 mm screws	1
ANC190	Ø2.7 mm quick coupling drill bit for 18 mm screws	1
ANC191	Ø2.7 mm non threaded bent guide gauge for Ø3.5 mm screws	1
ANC268C	Ø2.0 mm threaded guide gauge for Ø2.8 mm screws	2
ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
ANC351	Ø4.5 mm AO quick coupling handle - Size 2	1
ANC463	Ø3.5 mm quick coupling countersink	1
33.0212.120	Pin Ø1.2 L120 mm	4



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