

SINGLE USE KIT

STERILE R

NEWCLIP-TECHNICS



INITIAL 

Clavicle

With a non sterile standard kit



Calling on medical staff

Constraints



Complex traceability



Contracted out sterilization

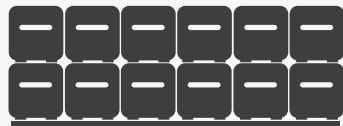


Suppliers' deadline

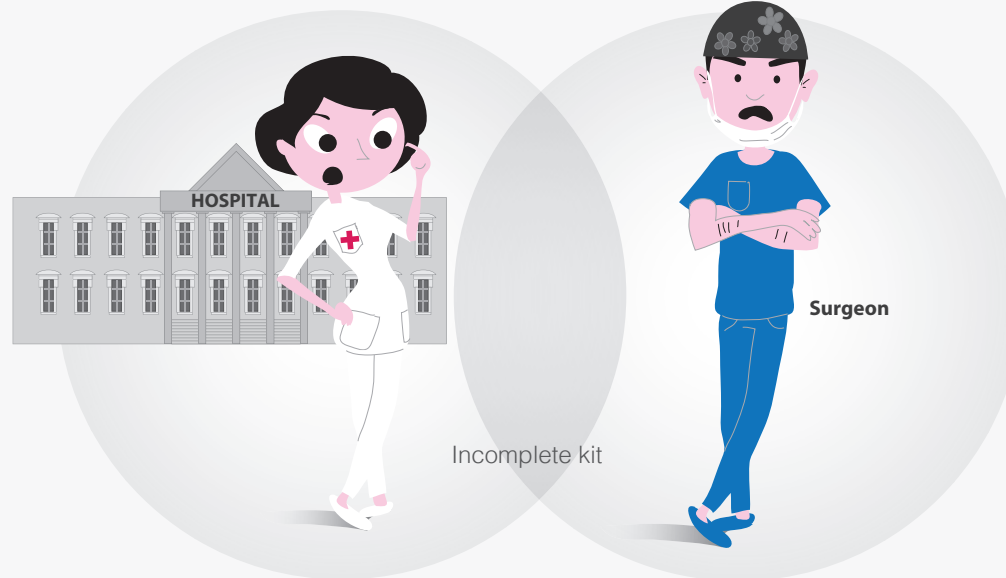
### High costs



- \$ Stocks
- \$ Control
- \$ Cleaning
- \$ Decontamination
- \$ Sterilization



Bulky storage



### Complex process



- 1 Delivery
- 2 Storage
- 3 Unpacking
- 4 Control
- 5 Decontamination
- 6 Cleaning
- 7 Drying
- 8 Control
- 9 Packaging of the kit
- 10 Sterilization
- 11 Surgery
- 12 Decontamination
- 13 Cleaning
- 14 Drying
- 15 Control
- 16 Traceability
- 17 Restocking
- 18 Packaging of the Kit
- 19 Sterilization
- 20 Storage

Prevents an effective solution & a quick response



**URGENT SURGICAL CASES COMPROMISED**



Defective sterilization



Incomplete kit



Damaged instrumentation



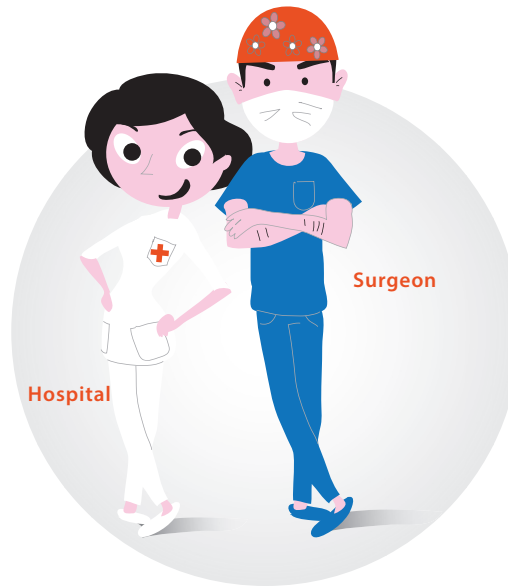
**INCREASED RISKS**

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**NON OPTIMIZED surgery**



### Cost efficiency



### Efficiency



### Available when needed



STERILE R SINGLE USE KIT  
with state-of-the-art implants

Ready when you are!



### Safety:

The Initial C™ kit is fully traceable and has a shelf life of 5 years. Its instrumentation and implants are “always new” and have never been opened or used before.



### Available when needed:

The Initial C™ kit comes pre-sterilized and ready to use. The combination of sterile implants and single use instrumentation in a single packaging makes Initial C™ ideal for use in urgent surgical cases.



### Storage:

Initial C™ kit can be easily stored in the operating room because of its small size.



### Costs:

Initial C™ is a cost-effective solution. The additional costs including cleaning, decontamination, sterilization of kits are cancelled.



### Contamination:

The combination of sterile implants and sterile single-use instrumentation minimizes contamination risks.



### Buying procedure:

Initial C™ facilitates buying procedures: restocking and orders are simplified, stock management is optimized.

# Initial C™ kits

## Technical features

### > Intended purpose

The implants of the Initial C™ range are dedicated to the fixation of fractures, mal-unions, non-unions, and osteotomies of the clavicle in adults.

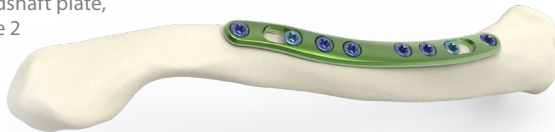
### > Contraindications

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

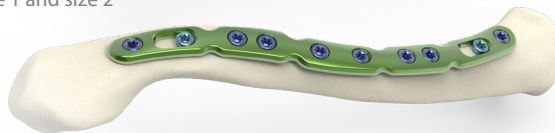
### > A comprehensive range of plates

Plates dedicated to the midshaft part of the clavicle

> Midshaft plate, size 2

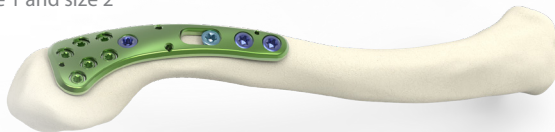


> Bendable midshaft plate, size 1 and size 2

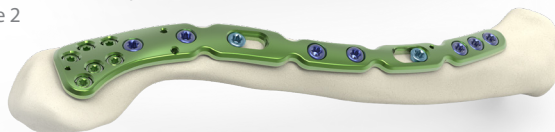


Plates dedicated to the lateral part of clavicle

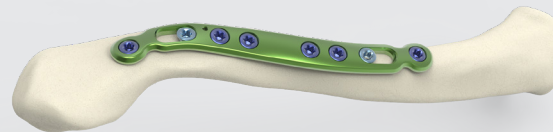
> Lateral plate, size 1 and size 2



> Lateral bendable plate, size 2



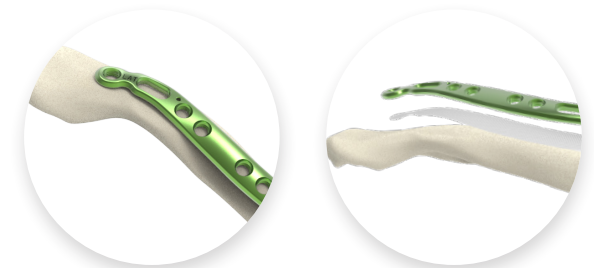
Midshaft lateral plate



The midshaft lateral plate (size 1 and size 2) is an additional solution for the treatment of middle-third clavicle fractures, positioned at the level of the coracoclavicular ligament.

### > Precontoured implant

Optimized anatomical congruence



The design of the implants is the result of a proprietary state-of-the-art mapping technology to establish an optimized congruence between the plate and the bone.



#### ► BENDABLE PLATES

*Bendable plates offer bendable areas which allow an optimized adjusting of the plate with the bending pliers. **They are available separately, on demand, in non sterile version.***

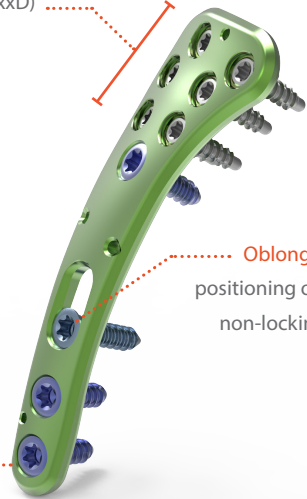
*Bending is only possible in the areas intended for this purpose. A bendable area must be bent only once, in one direction and not be performed excessively. The holes must be protected so as to avoid damaging of the fixation.*

# Initial C™ kits

## Technical features

### > Fixations and screws

Polyaxial holes: Ø2.8 mm locking screws (SDT2.8LxxD)



Oblong hole to facilitate the positioning of the plate: Ø3.5 mm non-locking screw (CT3.5LxxD)

Monoaxial holes:

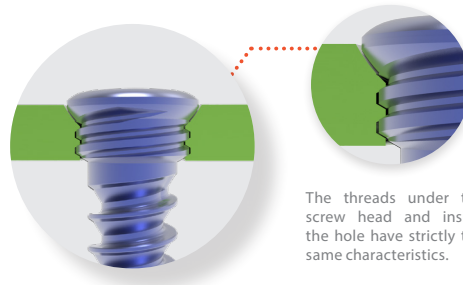
A versatile fixation system which offers one type of hole for two types of screws:

- > Ø3.5 mm non-locking screw (CT3.5xxD),
- > Ø3.5 mm locking screw (SOT3.5LxxD).



Hexalobe screw socket design.

### > Monoaxial locking system



The threads under the screw head and inside the hole have strictly the same characteristics.

#### FEATURES

- The screw head is stopped in the hole, ensuring its locking,
- The screw head is buried in the plate,
- Plate and screws are all made of titanium alloy.

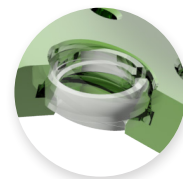
### > Angular range: +/- 10° polyaxial locking fixation

The DTS3 technology ensures the locking of the screw into the plate while allowing its angulation. The DTS3 polyaxial locking holes are located in the epiphyseal area. This system helps for the insertion of the screws in diverging or converging directions.



Angulation  
+/- 10°  
360° rotation

Dualtec System® III Technology  
Polyaxial locking fixation



# Initial C™ kits

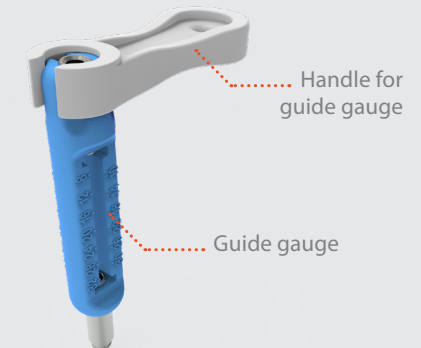
## Surgical technique

Example: surgical technique with a lateral midshaft plate (KIT-CML2D)

### Handle for guide gauge



Before performing the drilling into the oblong hole, snap the handle for guide gauge on the desired guide gauge.



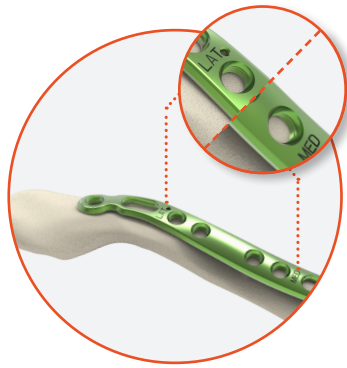
# Initial C™ kits

## Surgical technique

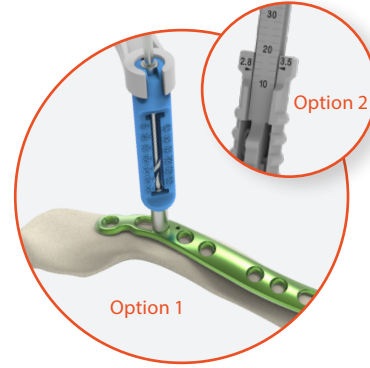
Example: surgical technique with a lateral midshaft plate (KIT-CML2D)  
Applicable for all kits with Ø3.5 mm screws only (midshaft and lateral midshaft)



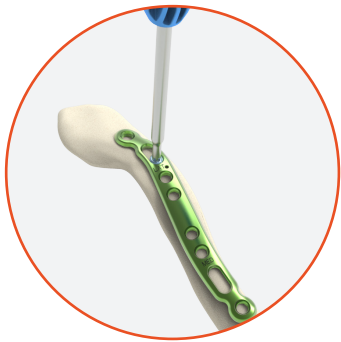
1. Using the midshaft and midshaft lateral templates (ANC838), define the suitable plate, then determine the appropriate kit.



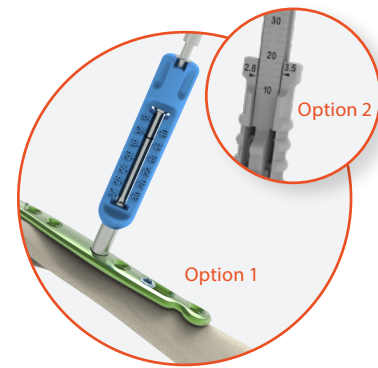
2. Position the plate using the 'LAT' and 'MED' marks.



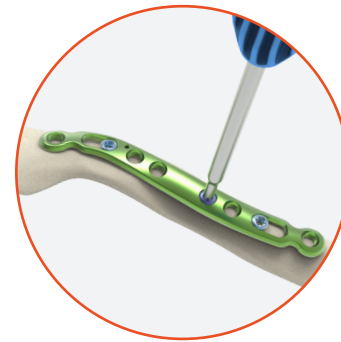
3. Snap the handle for guide gauge and perform the drilling using Ø2.7 mm threaded guide gauge into the lateral oblong hole.  
**Option 1:** Determine the screw length using the drill bit and guide gauge.  
**Option 2:** Determine the screw length using the length gauge, by reading the drilling depth indicated by the «3.5» arrow.



4. Then insert the Ø3.5 mm light blue non-locking screw using the T15 screwdriver. Repeat the same procedure for the medial oblong hole.



5. Insert the Ø2.7 mm threaded guide gauge starting from the holes located near the fracture to those located at each end of the plate and perform the drilling.  
**Option 1:** Determine the screw length using the drill bit and guide gauge.  
**Option 2:** Determine the screw length using the length gauge, by reading the drilling depth indicated by the '3.5' arrow.



6. Insert the Ø3.5 mm blue locking screw using the T15 screwdriver.



**Final result**

**Repeat previous steps to insert the remaining Ø3.5 mm locking screws in the plate.**

# Initial C™ kits

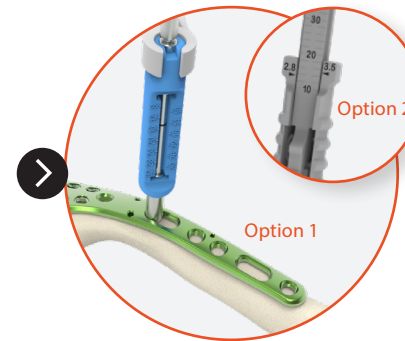
## Surgical technique

Example: surgical technique with a lateral plate (KIT-CL2D)

Applicable for all kits with Ø2.8 and Ø3.5 mm screws (lateral plates)



1. Using the lateral templates (ANC839), define the suitable plate, then determine the appropriate kit.



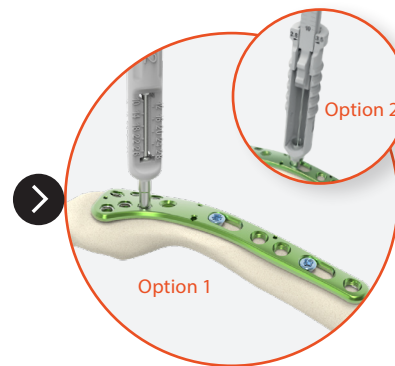
2. Snap the handle for guide gauge and perform the drilling using the Ø2.7 mm threaded guide gauge (blue) into the lateral oblong hole.

**Option 1:** Determine the screw length using the drill bit and guide gauge.

**Option 2:** Determine the screw length using the length gauge, by reading the drilling depth indicated by the «3.5» arrow.



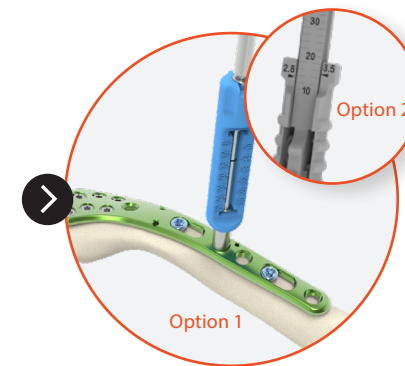
3. Insert the Ø3.5 mm light blue non-locking screw using the T15 screwdriver (blue). Repeat the same procedure for the medial oblong hole.



4. Insert the Ø2.0 mm threaded guide gauge (grey) into one of the polyaxial lateral hole. Then angulate as required and perform the drilling (Ø2.0 mm).

**Option 1:** Determine the screw length using the drill bit and guide gauge.

**Option 2:** Determine the screw length using the length gauge, by reading the drilling depth indicated by the '2.8' arrow.



5. Insert a Ø2.8 mm non-anodized screw using the T8 screwdriver (grey).

Repeat steps 4 & 5 for the remaining Ø2.8 mm lateral polyaxial holes.

Insert the Ø2.7 mm threaded guide gauge (blue) and perform the drilling (Ø2.7 mm) in the Ø3.5 mm holes.

**Option 1:** Determine the screw length using the drill bit and guide gauge.

**Option 2:** Determine the screw length using the length gauge, by reading the drilling depth indicated by the '3.5' arrow. Insert a Ø3.5 mm blue locking screw using the T15 screwdriver (blue).



**Final result**

**Repeat previous steps to insert the remaining Ø3.5 mm locking screws in the plate.**



# Initial C™ kits - References

Midshaft and lateral midshaft clavicle kits content



| INITIAL C™ KITS - MIDSHAFT PLATES AND LATERAL MIDSHAFT PLATES |   |
|---|---|
| Ref.  | Description   |
| KIT-CM2D  | Clavicle kit - Superior - Midshaft - Size 2 - Right         |
| KIT-CM2G  | Clavicle kit - Superior - Midshaft - Size 2 - Left          |
| KIT-CML1D   | Clavicle kit - Superior - Lateral midshaft - Size 1 - Right |
| KIT-CML1G   | Clavicle kit - Superior - Lateral midshaft - Size 1 - Left  |
| KIT-CML2D   | Clavicle kit - Superior - Lateral midshaft - Size 2 - Right |
| KIT-CML2G   | Clavicle kit - Superior - Lateral midshaft - Size 2 - Left  |

| INITIAL C™ KITS - BENDABLE PLATES |  |
|-----------------------------------|--|
| Ref.                              | Description  |
| KIT-CBM1D                         | Clavicle kit - Superior - Midshaft bendable - Size 1 - Right |
| KIT-CBM1G                         | Clavicle kit - Superior - Midshaft bendable - Size 1 - Left  |
| KIT-CBM2D                         | Clavicle kit - Superior - Midshaft bendable - Size 2 - Right |
| KIT-CBM2G                         | Clavicle kit - Superior - Midshaft bendable - Size 2 - Left  |

| INITIAL C™ KITS CONTENT - INSTRUMENTS           |            |             |             |  |
|---|------------|-------------|-------------|--|
| Description                                     | KIT-CMxD/G | KIT-CMLxD/G | KIT-CBMxD/G |  |
| T15 prehensor screwdriver                       | 1          | 1           | 1           |  |
| Ø2.7 mm threaded guide gauge for Ø3.5 mm screws | 1          | 1           | 1           |  |
| Ø2.7 mm quick coupling drill bit - L 110 mm     | 1          | 1           | 1           |  |
| Handle for guide gauge                          | 1          | 1           | 1           |  |
| Length gauge for Ø2.8 and Ø3.5 mm screws        | 1          | 1           | 1           |  |
| Pin Ø1.2 L120 mm                                | 1          | 1           | 1           |  |

| INITIAL C™ KITS CONTENT - IMPLANTS |                    |  | QUANTITY PER KIT |             |             |             |             |
|------------------------------------|--------------------|--|------------------|-------------|-------------|-------------|-------------|
|                                    | Ref.               | Description  | KIT-CM2D/G       | KIT-CML1D/G | KIT-CML2D/G | KIT-CBM1D/G | KIT-CBM2D/G |
| PLATES                             | CTDM2D or CTGM2D   | Midshaft clavicle plate - Superior - Size 2 - Right or Left          | 1                | -           | -           | -           | -           |
|                                    | CTDML1D or CTGML1D | Lateral midshaft clavicle plate - Superior - Size 1 - Right or Left  | -                | 1           | -           | -           | -           |
|                                    | CTDML2D or CTGML2D | Lateral midshaft clavicle plate - Superior - Size 2 - Right or Left  | -                | -           | 1           | -           | -           |
|                                    | CBTDM1D or CBTGM1D | Midshaft bendable clavicle plate - Superior - Size 1 - Right or Left | -                | -           | -           | 1           | -           |
|                                    | CBTDM2D or CBTGM2D | Midshaft bendable clavicle plate - Superior - Size 2 - Right or Left | -                | -           | -           | -           | 1           |
| NON-LOCKING SCREWS Ø3.5 MM         | CT3.5L12D          | Ø3.5 mm non-locking screw - L12 mm                                   | -                | 1           | -           | 1           | 1           |
|                                    | CT3.5L14D          | Ø3.5 mm non-locking screw - L14 mm                                   | 2                | 1           | 2           | 1           | 1           |
|                                    | CT3.5L16D          | Ø3.5 mm non-locking screw - L16 mm                                   | 2                | 1           | 2           | 1           | 1           |
|                                    | CT3.5L18D          | Ø3.5 mm non-locking screw - L18 mm                                   | -                | 1           | -           | 1           | 1           |
| LOCKING SCREWS Ø3.5 MM             | SOT3.5L12D         | Ø3.5 mm locking screw - L12 mm                                       | 1                | 1           | 2           | 1           | 2           |
|                                    | SOT3.5L14D         | Ø3.5 mm locking screw - L14 mm                                       | 3                | 2           | 4           | 2           | 4           |
|                                    | SOT3.5L16D         | Ø3.5 mm locking screw - L16 mm                                       | 3                | 2           | 3           | 2           | 3           |
|                                    | SOT3.5L18D         | Ø3.5 mm locking screw - L18 mm                                       | 1                | 1           | -           | 1           | 2           |

# Initial C™ kits - References

## Lateral clavicle kits content



| INITIAL C™ KITS - LATERAL PLATES |   |
|----------------------------------|---|
| Ref.                             | Description   |
| KIT-CL1D                         | Clavicle kit - Superior - Lateral - Size 1 - Right          |
| KIT-CL1G                         | Clavicle kit - Superior - Lateral - Size 1 - Left           |
| KIT-CL2D                         | Clavicle kit - Superior - Lateral - Size 2 - Right          |
| KIT-CL2G                         | Clavicle kit - Superior - Lateral - Size 2 - Left           |
| KIT-CBL2D                        | Clavicle kit - Superior - Lateral bendable - Size 2 - Right |
| KIT-CBL2G                        | Clavicle kit - Superior - Lateral bendable - Size 2 - Left  |

| INITIAL C™ KITS CONTENT - INSTRUMENTS           |          |             |
|---|----------|-------------|
| Description                                     | KIT-CLxG | KIT-CBL2D/G |
| T15 prehensor screwdriver                       | 1        | 1           |
| Ø2.7 mm threaded guide gauge for Ø3.5 mm screws | 1        | 1           |
| Ø2.7 mm quick coupling drill bit - L 110 mm     | 1        | 1           |
| Handle for guide gauge                          | 1        | 1           |
| Length gauge for Ø2.8 and Ø3.5 mm screws        | 1        | 1           |
| Pin Ø1.2 L120 mm                                | 3        | 3           |
| T8 prehensor screwdriver                        | 1        | 1           |
| Ø2.0 mm threaded guide gauge for Ø2.8 mm screws | 1        | 1           |
| Ø2.0 mm quick coupling drill bit - L 125 mm     | 1        | 1           |

| INITIAL C™ - CLAVICLE KITS CONTENT - IMPLANTS |                    |   | QUANTITY PER KIT |            |             |
|---|--------------------|---|------------------|------------|-------------|
|   | Ref.               | Description   | KIT-CL1D/G       | KIT-CL2D/G | KIT-CBL2D/G |
| PLATES  | CTDL1D or CTGL1D   | Lateral clavicle plate - Superior - Size 1 - Right or Left          | 1                | -          | -           |
|   | CTDL2D or CTGL2D   | Lateral clavicle plate - Superior - Size 2 - Right or Left          | -                | 1          | -           |
|   | CBTDL2D or CBTGL2D | Lateral bendable clavicle plate - Superior - Size 2 - Right or Left | -                | -          | 1           |
| LOCKING SCREWS Ø2.8 MM                        | SDT2.8L10D         | Ø2.8 mm locking screw - L10 mm                                      | 1                | 1          | 1           |
|   | SDT2.8L12D         | Ø2.8 mm locking screw - L12 mm                                      | 2                | 2          | 2           |
|   | SDT2.8L14D         | Ø2.8 mm locking screw - L14 mm                                      | 2                | 2          | 2           |
|   | SDT2.8L16D         | Ø2.8 mm locking screw - L16 mm                                      | 2                | 2          | 2           |
|   | SDT2.8L18D         | Ø2.8 mm locking screw - L18 mm                                      | 1                | 1          | 1           |
| NON-LOCKING SCREWS Ø3.5 MM                    | CT3.5L12D          | Ø3.5 mm non-locking screw - L12 mm                                  | 1                | 1          | 1           |
|   | CT3.5L14D          | Ø3.5 mm non-locking screw - L14 mm                                  | 1                | 1          | 1           |
|   | CT3.5L16D          | Ø3.5 mm non-locking screw - L16 mm                                  | 1                | 1          | 1           |
|   | CT3.5L18D          | Ø3.5 mm non-locking screw - L18 mm                                  | -                | 1          | 1           |
| LOCKING SCREWS Ø3.5 MM                        | SOT3.5L12D         | Ø3.5 mm locking screw - L12 mm                                      | 1                | 1          | 1           |
|   | SOT3.5L14D         | Ø3.5 mm locking screw - L14 mm                                      | 2                | 2          | 2           |
|   | SOT3.5L16D         | Ø3.5 mm locking screw - L16 mm                                      | 1                | 2          | 2           |
|   | SOT3.5L18D         | Ø3.5 mm locking screw - L18 mm                                      | 1                | 1          | 3           |

# Initial C™ - References

## Additional kits

### Additional implants

Sterile screws packaged in the supplemental sterile screw caddy

| LOCKING SCREWS - Ø2.8 mm* |  |     |
|---------------------------|--|-----|
| Ref.                      | Description                              | Qty |
| SDT2.8L10D-ST             | Ø2.8 mm locking screw - L10 mm - STERILE | 2   |
| SDT2.8L12D-ST             | Ø2.8 mm locking screw - L12 mm - STERILE | 2   |
| SDT2.8L14D-ST             | Ø2.8 mm locking screw - L14 mm - STERILE | 2   |
| SDT2.8L16D-ST             | Ø2.8 mm locking screw - L16 mm - STERILE | 2   |
| SDT2.8L18D-ST             | Ø2.8 mm locking screw - L18 mm - STERILE | 2   |
| SDT2.8L20D-ST             | Ø2.8 mm locking screw - L20 mm - STERILE | 1   |
| SDT2.8L22D-ST             | Ø2.8 mm locking screw - L22 mm - STERILE | 1   |
| SDT2.8L24D-ST             | Ø2.8 mm locking screw - L24 mm - STERILE | 1   |

\*Not anodized.

| LOCKING SCREWS - Ø3.5 mm* |  |     |
|---------------------------|--|-----|
| Ref.                      | Description                              | Qty |
| SOT3.5L10D-ST             | Ø3.5 mm locking screw - L10 mm - STERILE | 1   |
| SOT3.5L12D-ST             | Ø3.5 mm locking screw - L12 mm - STERILE | 1   |
| SOT3.5L14D-ST             | Ø3.5 mm locking screw - L14 mm - STERILE | 1   |
| SOT3.5L16D-ST             | Ø3.5 mm locking screw - L16 mm - STERILE | 1   |
| SOT3.5L18D-ST             | Ø3.5 mm locking screw - L18 mm - STERILE | 1   |
| SOT3.5L20D-ST             | Ø3.5 mm locking screw - L20 mm - STERILE | 2   |
| SOT3.5L22D-ST             | Ø3.5 mm locking screw - L22 mm - STERILE | 2   |
| SOT3.5L24D-ST             | Ø3.5 mm locking screw - L24 mm - STERILE | 1   |

\*Blue anodized.

| NON-LOCKING SCREWS - Ø3.5 mm* |  |     |
|-------------------------------|--|-----|
| Ref.                          | Description                                  | Qty |
| CT3.5L10D-ST                  | Ø3.5 mm non-locking screw - L10 mm - STERILE | 1   |
| CT3.5L12D-ST                  | Ø3.5 mm non-locking screw - L12 mm - STERILE | 1   |
| CT3.5L14D-ST                  | Ø3.5 mm non-locking screw - L14 mm - STERILE | 1   |
| CT3.5L16D-ST                  | Ø3.5 mm non-locking screw - L16 mm - STERILE | 1   |
| CT3.5L18D-ST                  | Ø3.5 mm non-locking screw - L18 mm - STERILE | 1   |
| CT3.5L20D-ST                  | Ø3.5 mm non-locking screw - L20 mm - STERILE | 2   |
| CT3.5L22D-ST                  | Ø3.5 mm non-locking screw - L22 mm - STERILE | 2   |
| CT3.5L24D-ST                  | Ø3.5 mm non-locking screw - L24 mm - STERILE | 2   |
| CT3.5L26D-ST                  | Ø3.5 mm non-locking screw - L26 mm - STERILE | 1   |

\*Light blue anodized.

### Removal kits

Sterile instruments

| REMOVAL KITS |                              |                           |
|--------------|------------------------------|---------------------------|
| Ref.         | Description                  | Content                   |
| KIT-REMOVE-2 | Removal kit for T8 hexalobe  | T8 prehensor screwdriver  |
| KIT-REMOVE-3 | Removal kit for T15 hexalobe | T15 prehensor screwdriver |

### Rescue kits

Sterile instruments

| RESCUE KITS  |   |  |
|--------------|---|--|
| Ref.         | Description   | Content  |
| KIT-RESCUE-2 | Rescue kit for Ø2.8 mm screws - Initial C & Initial A | - Ø2.0 mm threaded guide gauge for Ø2.8 mm screws<br>- Ø2.0 mm quick coupling drill bit - L 125 mm   |
| KIT-RESCUE-3 | Rescue kit for Ø3.5 mm screws - Initial C             | - Ø2.7 mm threaded guide gauge for Ø3.5 mm screws<br>- Ø2.7 mm quick coupling drill bit - L 110 mm<br>- Handle for guide gauge<br>- Length gauge for Ø2.8 and Ø3.5 mm screws - L 10-32 mm<br>- Pin Ø1.2 L120 mm (x3) |

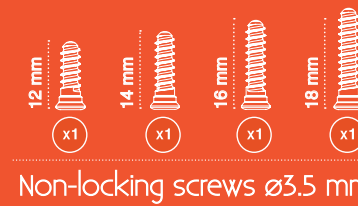
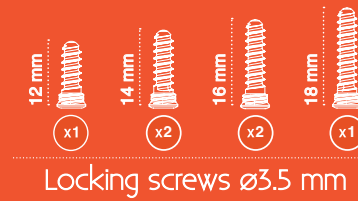
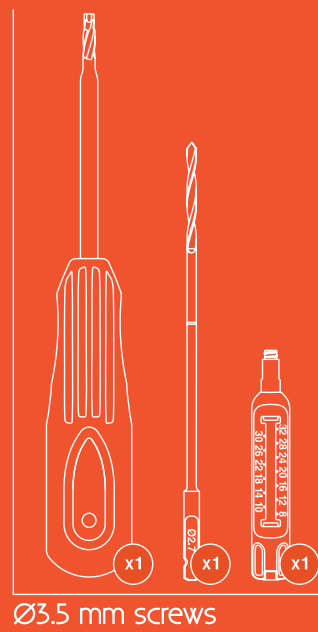
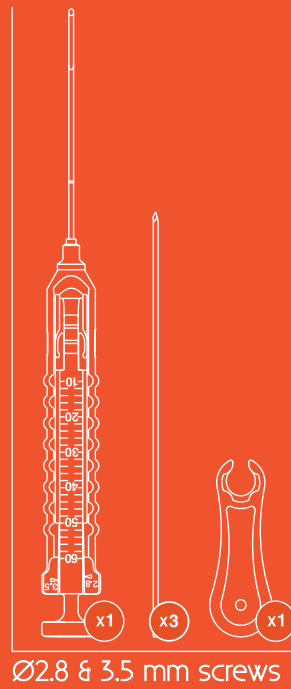
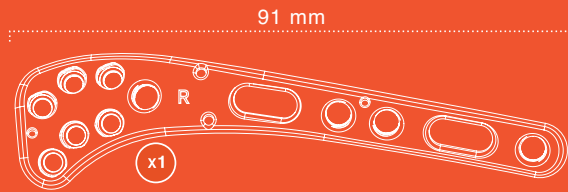
### Templates

| INITIAL C™ TEMPLATES PLATE |   |     |
|----------------------------|---|-----|
| Ref.                       | Description   | Qty |
| ANC838                     | Templates for clavicle kit - Superior - Midshaft & Lateral midshaft - Sizes 1-2 - Left & Right (KIT-CMxx/CMLxx) | 1   |
| ANC839                     | Templates for clavicle kit - Superior - Lateral - Sizes 1-2 - Left & Right (KIT-CLxx)                           | 1   |

The information presented in this brochure is intended to demonstrate a Newclip Technics product. Always refer to the package insert, product label and/or user instructions before using any Newclip Technics product. Surgeons must always rely on their own clinical judgment when deciding which products and techniques to use with their patients. Products may not be available in all markets. 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.

# KIT-CL2D

## Right Superior Clavicle Lateral Size 2



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