Ready when you are!
**Constraints**

- Complex traceability
- Contracted out sterilization
- Suppliers' deadline

**High costs**

- Stocks
- Control
- Cleaning
- Decontamination
- Sterilization

**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

**INCREASED RISKS**

- Non optimal surgery

With a non sterile standard kit

- Prevents an effective solution & a quick response

- Urge surgical cases compromised

- Incomplete kit

- Surgeon

- Bulky storage

- Defective sterilization

- Damaged instrumentation
Safety

Cost efficiency

- Controlled stocks
- Simplified control
  - 0 Cleaning
  - 0 Decontamination
  - 0 Sterilization
- Sundry expenses

Cost efficiency

Efficiency

- 1 Delivery
- 2 Storage
- 3 Surgery

Efficiency

Available when needed

- An effective solution & a quick response

Available when needed

Ready when you are!

Optimized handling of URGENT SURGICAL CASES

Ready when you are!

Optimized storage

TRACEABILITY 100%

Always NEW

Risk of contamination

With the INITIAL™ kit

Sterile R SINGLE USE KIT

with state-of-the-art implants
Available when needed:
The Initial R™ kit comes pre-sterilized and ready to use. The combination of sterile implants and single use instrumentation in a single packaging makes Initial R™ ideal for use in urgent surgical cases.

Safety:
The Initial R™ 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.

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

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

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

Contamination:
The combination of sterile implants and sterile single-use instrumentation minimizes contamination risks.
**Indications**
The implants of the Initial R™ range are intended for the fixation of intra and extra-articular fractures as well as distal radius osteotomies 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 touching the focus.
- Insufficient bone quality preventing a good fixation of the implant into the bone.
- Muscular deficit, neurological deficiency or behavioural disorders which could submit the osteosynthesis to abnormal mechanical strains.
- Foreign body sensitivity or allergy to one of the materials used.
- Patients with mental or neurological conditions who are unwilling or incapable of following post-operative care instructions.
- Patients with poor physical condition and/or mental instability.

**Initial R™ kits**

**Technical features**

**Ø2.8 mm single diameter fixation screws**

- Pin hole to locate the joint space.
- Window to manage the fracture reduction.

**A comprehensive range of plates**

Kits available for 6 sizes of plate:
- Plates for left side (blue),
- Plates for right side (green).

**A precontoured implant**

**Optimized anatomical congruence**
The design of the implant is the result of a proprietary state-of-the-art mapping technology to establish the maximum congruence between the plate and the bone (1) thanks to:
- An optimal metaphyseal – diaphyseal curvature,
- A different medial and lateral radius of curvature for optimal volar tilt.

The implant also offers:
- Rounded edges for a minimal irritation of soft tissues and flexor tendons.
- A distal edge running alongside the watershed line (2).
Angular range: +/- 10° polyaxial locking fixation

Initial R™ implants combine both polyaxial and locking technologies to create a fixed-angle construct particularly useful for poor bone quality and/or multifragmentary fractures.

Monoaxial locking system

- The threaded sections of the screw head and inside the hole have strictly the same characteristics (1).
- Buttress (2).
- Implants material: titanium alloy.

- Construct limiting cold welding risks for improved removal properties.

Initial R™ templates

The Initial R™ templates have been designed to determine quickly and simply the appropriate Initial R™ kit. Each kit has its own template. Templates are divided into 6 distinct groups (see table below).

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC551</td>
<td>Single use templates for KIT-RN1G and KIT-RS1G</td>
</tr>
<tr>
<td>ANC552</td>
<td>Single use templates for KIT-RN1D and KIT-RS1D</td>
</tr>
<tr>
<td>ANC553</td>
<td>Single use templates for KIT-RN2G, KIT-RS2G and KIT-RW1G</td>
</tr>
<tr>
<td>ANC554</td>
<td>Single use templates for KIT-RN2D, KIT-RS2D and KIT-RW1D</td>
</tr>
<tr>
<td>ANC555</td>
<td>Single use template for KIT-RS3G</td>
</tr>
<tr>
<td>ANC556</td>
<td>Single use template for KIT-RS3D</td>
</tr>
</tbody>
</table>

Each template is marked to identify easily the corresponding Initial R™ kit.

Available in sterile packaging · Single use kit.
### Initial R™ kits
#### Surgical technique

Example: surgical technique with a standard plate, size 2 (KIT-RS2D)

#### How to choose the right Initial R™ kit?

1. Determine the plate size thanks to the templates (see opposite box - ANC554 in this example) then choose the suitable kit.

2. Secure the fracture temporarily using pins.

3. The plate is securely placed using a Ø2.8 mm pink cortical screw in the oblong hole.

4. Option 1: Using the Ø2.0 mm threaded guide gauge, choose the angle of the Ø2.8 mm non anodized locking screws in the polyaxial holes then drill and measure the screw length directly on the gauge.

4. Option 2: Alternatively, the drilling depth can be measured by inserting the length gauge through the guide gauge.

5. Insert a Ø2.8 mm non anodized locking screw using the screwdriver and lock it.

---

### Final result

Repeat previous steps to insert the remaining Ø2.8 mm screws in the plate.
**Initial R™ kits**

**References**

**INITIAL R™ KITS - INSTRUMENTATION CONTENT**

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC088</td>
<td>Ø2.0 mm quick coupling drill bit - L 125 mm</td>
</tr>
<tr>
<td>ANC436</td>
<td>Length gauge for Ø2.8 mm screws</td>
</tr>
<tr>
<td>ANC437</td>
<td>Ø2.0 mm threaded guide gauge for Ø2.8 mm screws</td>
</tr>
<tr>
<td>ANC438</td>
<td>2.0 mm hexagonal prehensor screwdriver</td>
</tr>
<tr>
<td>33.0214.120</td>
<td>Pin - Ø1.4 mm L120 mm (x2)</td>
</tr>
</tbody>
</table>

**INITIAL R™ KITS - IMPLANTS CONTENT**

**STANDARD PLATES**

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
<th>KIT-RS1D or KIT-RS1G</th>
<th>KIT-RS2D or KIT-RS2G</th>
<th>KIT-RS3D or KIT-RS3G</th>
<th>KIT-RN1D or KIT-RN1G</th>
<th>KIT-RN2D or KIT-RN2G</th>
<th>KIT-RW1D or KIT-RW1G</th>
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</thead>
<tbody>
<tr>
<td>DTDVPS1 or DTGVP51</td>
<td>Polyaxial plate for distal radius - Standard head - Short - Right or Left</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>DTDVPS2 or DTGVP52</td>
<td>Polyaxial plate for distal radius - Standard head - Right or Left</td>
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<tr>
<td>DTDVPS3 or DTGVP53</td>
<td>Polyaxial plate for distal radius - Standard head - Long - Right or Left</td>
<td>-</td>
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</tbody>
</table>

**NARROW PLATES**

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
<th>KIT-RS1D or KIT-RS1G</th>
<th>KIT-RS2D or KIT-RS2G</th>
<th>KIT-RS3D or KIT-RS3G</th>
<th>KIT-RN1D or KIT-RN1G</th>
<th>KIT-RN2D or KIT-RN2G</th>
<th>KIT-RW1D or KIT-RW1G</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTDVPSN1 or DTGVPN1</td>
<td>Polyaxial plate for distal radius - Narrow head - Short - Right or Left</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>DTDVPSN2 or DTGVPN2</td>
<td>Polyaxial plate for distal radius - Narrow head - Right or Left</td>
<td>-</td>
<td>-</td>
<td>-</td>
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**WIDE PLATES**

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<tr>
<th>Ref.</th>
<th>Description</th>
<th>KIT-RS1D or KIT-RS1G</th>
<th>KIT-RS2D or KIT-RS2G</th>
<th>KIT-RS3D or KIT-RS3G</th>
<th>KIT-RN1D or KIT-RN1G</th>
<th>KIT-RN2D or KIT-RN2G</th>
<th>KIT-RW1D or KIT-RW1G</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTDVPW1 or DTGVPW1</td>
<td>Polyaxial plate for distal radius - Wide head - Right or Left</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</table>

**LOCKING SCREWS Ø2.8 MM**

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
<th>KIT-RS1D or KIT-RS1G</th>
<th>KIT-RS2D or KIT-RS2G</th>
<th>KIT-RS3D or KIT-RS3G</th>
<th>KIT-RN1D or KIT-RN1G</th>
<th>KIT-RN2D or KIT-RN2G</th>
<th>KIT-RW1D or KIT-RW1G</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDT2.8L12</td>
<td>Locking screw Ø2.8 mm - L 12 mm</td>
<td>1</td>
<td>1</td>
<td>3</td>
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<tr>
<td>SDT2.8L14</td>
<td>Locking screw Ø2.8 mm - L 14 mm</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>2</td>
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<tr>
<td>SDT2.8L16</td>
<td>Locking screw Ø2.8 mm - L 16 mm</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>SDT2.8L18</td>
<td>Locking screw Ø2.8 mm - L 18 mm</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
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<tr>
<td>SDT2.8L20</td>
<td>Locking screw Ø2.8 mm - L 20 mm</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>1</td>
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<tr>
<td>SDT2.8L22</td>
<td>Locking screw Ø2.8 mm - L 22 mm</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>1</td>
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<tr>
<td>SDT2.8L24</td>
<td>Locking screw Ø2.8 mm - L 24 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
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</table>

**STANDARD CORTICAL SCREWS Ø2.8 MM**

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
<th>KIT-RS1D or KIT-RS1G</th>
<th>KIT-RS2D or KIT-RS2G</th>
<th>KIT-RS3D or KIT-RS3G</th>
<th>KIT-RN1D or KIT-RN1G</th>
<th>KIT-RN2D or KIT-RN2G</th>
<th>KIT-RW1D or KIT-RW1G</th>
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</thead>
<tbody>
<tr>
<td>CT2.8L12</td>
<td>Standard cortical screw Ø2.8 mm - L 12 mm</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>CT2.8L14</td>
<td>Standard cortical screw Ø2.8 mm - L 14 mm</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>CT2.8L16</td>
<td>Standard cortical screw Ø2.8 mm - L 16 mm</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
</tbody>
</table>

NB : Supplemental screws are available in sterile package (cf. Initial R™ additional kits, additional implants)
Initial R™ - Additional kits

Additionnal implants
Sterile screws packaged in the Supplemental sterile screw caddy

<table>
<thead>
<tr>
<th>NON LOCKING SCREWS - Ø2.8 mm*</th>
<th>LOCKING SCREWS - Ø2.8 mm*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. Description Qty</td>
<td>Ref. Description Qty</td>
</tr>
<tr>
<td>QDT2.8L10-ST Non locking screw - Ø2.8 mm - L 10 mm - STERILE 1</td>
<td>SDT2.8L10-ST Locking screw - Ø2.8 mm - L 10 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L12-ST Non locking screw - Ø2.8 mm - L 12 mm - STERILE 1</td>
<td>SDT2.8L12-ST Locking screw - Ø2.8 mm - L 12 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L14-ST Non locking screw - Ø2.8 mm - L 14 mm - STERILE 1</td>
<td>SDT2.8L14-ST Locking screw - Ø2.8 mm - L 14 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L16-ST Non locking screw - Ø2.8 mm - L 16 mm - STERILE 1</td>
<td>SDT2.8L16-ST Locking screw - Ø2.8 mm - L 16 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L18-ST Non locking screw - Ø2.8 mm - L 18 mm - STERILE 1</td>
<td>SDT2.8L18-ST Locking screw - Ø2.8 mm - L 18 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L20-ST Non locking screw - Ø2.8 mm - L 20 mm - STERILE 1</td>
<td>SDT2.8L20-ST Locking screw - Ø2.8 mm - L 20 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L22-ST Non locking screw - Ø2.8 mm - L 22 mm - STERILE 1</td>
<td>SDT2.8L22-ST Locking screw - Ø2.8 mm - L 22 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L24-ST Non locking screw - Ø2.8 mm - L 24 mm - STERILE 1</td>
<td>SDT2.8L24-ST Locking screw - Ø2.8 mm - L 24 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L26-ST Non locking screw - Ø2.8 mm - L 26 mm - STERILE 1</td>
<td>SDT2.8L26-ST Locking screw - Ø2.8 mm - L 26 mm - STERILE 2</td>
</tr>
<tr>
<td>QDT2.8L28-ST Non locking screw - Ø2.8 mm - L 28 mm - STERILE 1</td>
<td>SDT2.8L28-ST Locking screw - Ø2.8 mm - L 28 mm - STERILE 2</td>
</tr>
</tbody>
</table>

* Yellow anodized

Removal and rescue kits
Sterile instruments

<table>
<thead>
<tr>
<th>REMOVAL AND RESCUE KITS</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. Description Qty</td>
<td></td>
</tr>
<tr>
<td>KIT-REMOVE-R Removal kit for Ø2.8 mm screws</td>
<td>- 1x 2.0 mm hexagonal prehensor screwdriver (ANC438)</td>
</tr>
<tr>
<td>KIT-RESCUE-R Rescue kit for Ø2.8 mm screw</td>
<td>- 1x Ø2.0 mm quick coupling drill bit - L 125 mm (ANC088)</td>
</tr>
<tr>
<td></td>
<td>- 1x length gauge for Ø2.8 mm screws (ANC436)</td>
</tr>
<tr>
<td></td>
<td>- 1x Ø2.0 mm threaded guide gauge for Ø2.8 mm screws (ANC437)</td>
</tr>
<tr>
<td></td>
<td>- 2x pins - Ø1.4 mm L120 mm (33.0214.120)</td>
</tr>
</tbody>
</table>

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.
Implants material: Titanium TA6V / ISO 5832-3 / ASTM F136
Degree of accuracy for devices with a measuring function: ± 0.8 mm

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