

# R. LRS Advanced® Limb Reconstruction System (53000 Series)



## ADV LRS Kits

**1**

### 53510 Long

1 ADV LRS Rail 400mm (53560), 2 ADV Straight Clamps (53530), 1 ADV Inclination Clamp (53580), 1 Compression Distraction Clicker (50008), 1 Compression Distraction Clicker (50009), 1 Allen Wrench 5mm (30017), 1 Allen Wrench 6mm (10017)

### 53510R

Same as above with Radiolucent Rail instead of Aluminium Rail (53560R)

**2**

### 53500 Standard

1 ADV LRS Rail 300mm (53550), 3 ADV Straight Clamps (53530), 1 Compression Distraction Clicker (50008), 1 Compression Distraction Clicker (50009), 1 Allen Wrench 5mm (30017), 1 Allen Wrench 6mm (10017)

### 53500R

Same as above with Radiolucent Rail instead of Aluminium Rail (53550R)

**3**

### 53515 Short

1 ADV LRS Rail 200mm (53545), 2 ADV Straight Clamps (53530), 1 Compression Distraction Clicker (50009), 1 Allen Wrench 5mm (30017), 1 Allen Wrench 6mm (10017)

### 53515R

Same as above with Radiolucent Rail instead of Aluminium Rail (53545R)

See Operative Technique LR-0901-OPT "Limb Reconstruction System" for application instructions.



CE 0123

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# 1. Components/Replacements



## 1 ADV Radiolucent LRS RAIL

**53560R** Length 400mm  
**53555R** Length 350mm  
**53550R** Length 300mm  
**53549R** Length 250mm  
**53545R** Length 200mm  
**53544R** Length 120mm

or

**ADV LRS RAIL** (not illustrated)

**53560** Length 400mm  
**53555** Length 350mm  
**53550** Length 300mm  
**53549** Length 250mm  
**53545** Length 200mm  
**53544** Length 120mm

2  
**53115 ADV Micrometric Swivelling Clamp**

3  
**53111 ADV Translation Clamp**

4  
**53585 ADV Micrometric Translation-Angulation Clamp**

5  
**53520 ADV Metaphyseal Clamp**

6  
**53031 ADV T Garches Clamp**

7  
**53581 ADV Multiplanar Clamp**

8  
**53570 ADV Ring Hinge**

9  
**53034 ADV TrueLok Kit for Ring Connection**

10  
**53536 ADV Dyna-Ring**

11  
**53530 ADV Straight Clamp**

12  
**53580 ADV Inclination Clamp**

13  
**53541 ADV Ball-Joint Coupling**

14  
**Compression Distraction Clicker Unit**  
**50008** Extends to 4cm  
**50009** Extends to 8cm

15  
**ADV Garches CD Unit**  
**53004** Standard, Extends 5,5cm  
**53005** Long, Extends 10cm

16  
**53590 ADV Knee Hinge**

17  
**53592 Knee Hinge Replacement Kit**

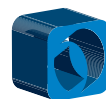
18  
**53547 ADV LRS Sandwich Clamp**  
 Height: 15mm

19  
**53548 ADV LRS Sandwich Clamp**  
 Height: 8mm

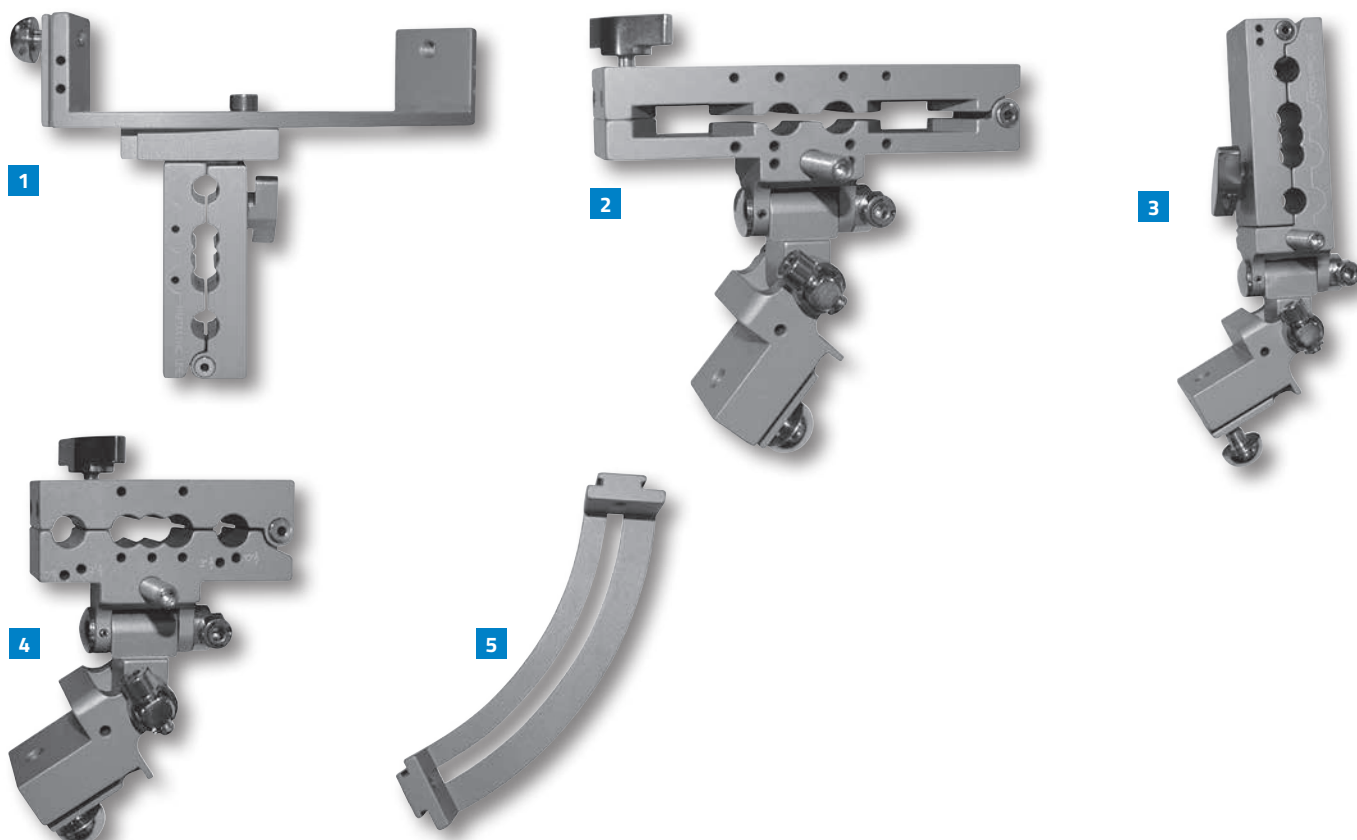
20  
**53014 Clamp Locking Screw**  
**53014M Clamp Locking Screw** (pack of 5 of each)

21  
**950086M Plastic Nut for CD with Clicker and Garches CD Unit** (pack of 5 of each)

22  
**910013M Clamp Screw** (pack of 5 of each)



## 2. Templates for Acute Correction



**1**  
**14148 ADV Acute Derotation Template\***

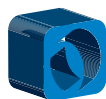
**2**  
**14332 ADV Acute Correction Garches Template\***

**3**  
**14333 ADV Acute Correction Straight Template\***

**4**  
**14334 ADV Acute Correction T-Template\***

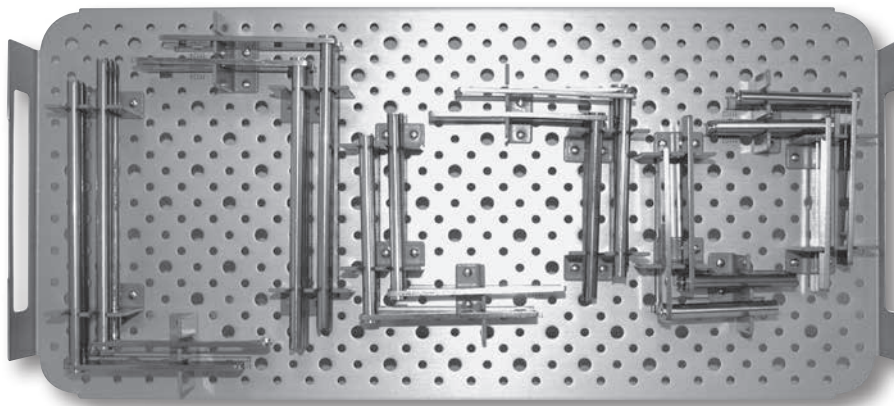
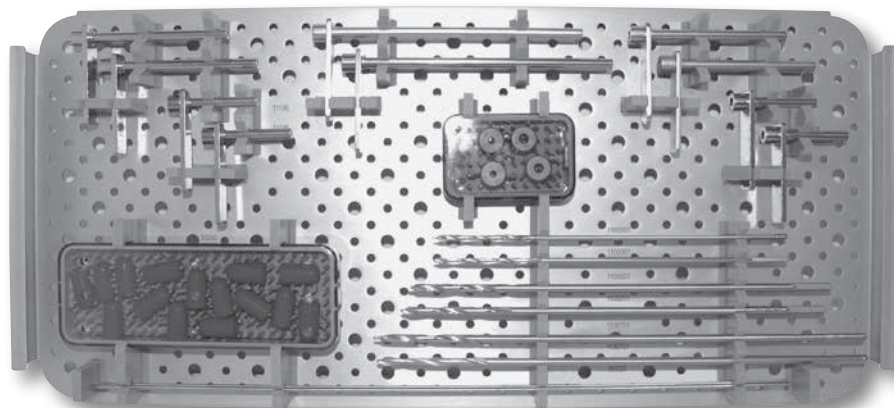
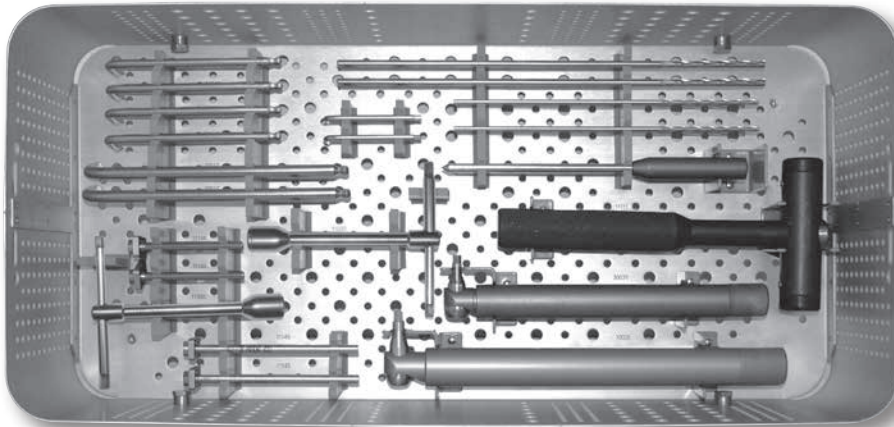
**5**  
**14237 ADV Acute Derotation Arc 100mm\***

\* For adult and paediatric applications.





### 3. Sterilization Boxes



1

1

#### 53995 ADV LRS Instruments Steri-Box, empty

Can accommodate:

Lower Tray

- 2x10012 Allen Wrench 3mm
- 2x10017 Allen Wrench 6mm
- 1x10025 Torque Wrench 6mm
- 2x91150 Universal T-Wrench
- 1x11004 Tapered Trocar
- 1x30025 Torque Wrench 5mm (31000 Series)
- 2x1101101 Cannulated Drill Bit Ø 3.2mm, length 200mm
- 2x1101201 Cannulated Drill Bit Ø 4.8mm, length 280mm
- 2x11144 Ruland Pilot Wire Guide Ø 2mm, length 75mm

- 2x11145 Ruland Pilot Wire Guide Ø 2mm, length 115mm
- 2x30017 Allen Wrench 5mm
- 2x36017 Allen Wrench 4mm
- 1x11111 Hammer

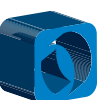
Central tray

- 2x11104 Drill Guide, Ø 4.8mm, length 40mm
- 2x11105 Drill Guide, Ø 4.8mm, length 80mm
- 2x11106 Drill Guide, Ø 3.2mm, length 40mm
- 2x11116 Drill Guide, Ø 3.2mm, length 80mm
- 2x11125 Drill Guide, Ø 4.8mm, length 140mm
- 5x80122 X-Wire without olive Ø 2mm, length 400mm
- 2x1100201 Drill Bit, Ø 4.8mm, length 240mm
- 2x1100301 Drill Bit, Ø 3.2mm, length 200mm

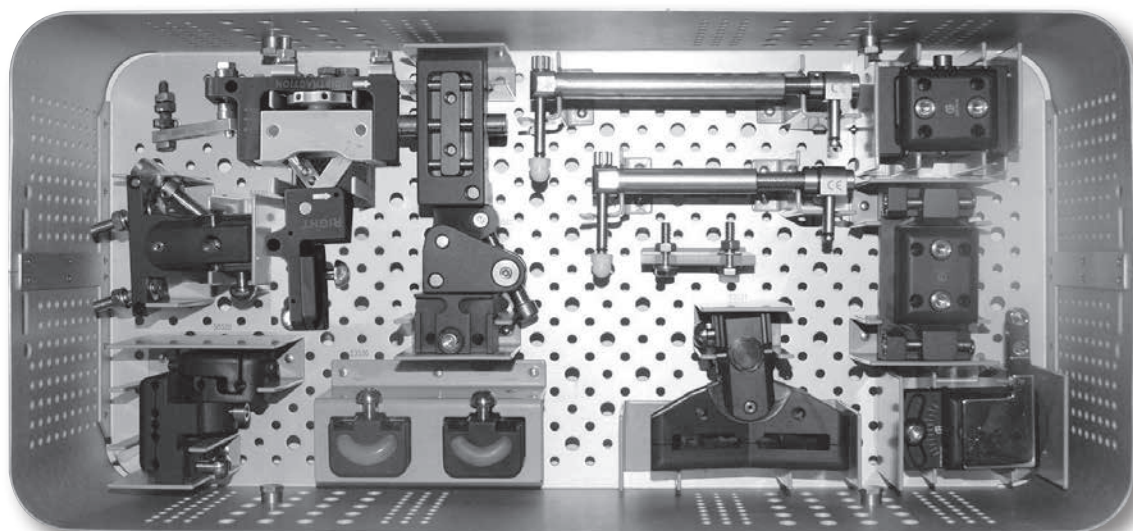
- 2x1100701 Drill Bit, Ø 4.8mm, length 280mm
- 1x10200 Sterilizable Screw Covers (pack of 20)
- 2x11005 Drill Bit Stop Unit, Ø 4.8mm
- 2x11006 Drill Bit Stop Unit, Ø 3.2mm

Upper tray

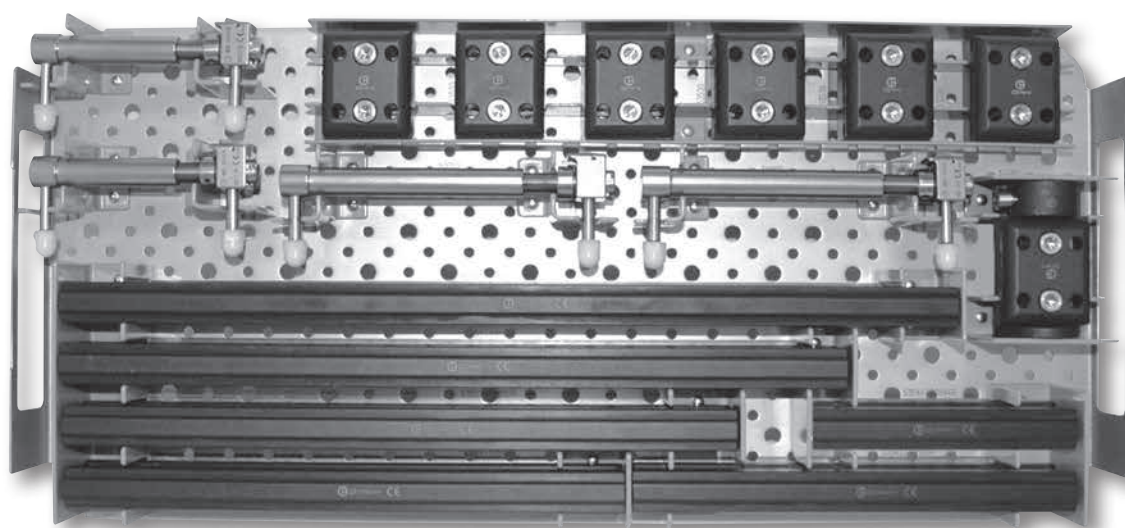
- 10x11102 Screw Guide, length 60mm
- 10x11103 Screw Guide, length 100mm
- 10x11124 Screw Guide, length 160mm



## Sterilization Boxes



2



### 2 53990 ADV LRS Components Steri-Box, empty, A

Can accommodate:

Lower Tray

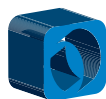
- 1x53115 ADV Micrometric Swivelling Clamp
- 1x53111 ADV Translation Clamp
- 1x53585 ADV Micrometric Translation-Angulation Clamp
- 1x53520 ADV Metaphyseal Clamp
- 1x53031 ADV T Garches Clamp
- 1x53004 ADV Garches CD Unit Standard extends 5,5cm
- 1x53005 ADV Garches CD Unit Long extends 10cm
- 1x53034 ADV TrueLok kit for Ring Connection

- 1x53581 ADV Multiplanar Clamp
- 1x53570 ADV Ring Hinge
- 2x53536 ADV Dyna-Ring
- 1x53590 ADV Knee Hinge

Upper Tray

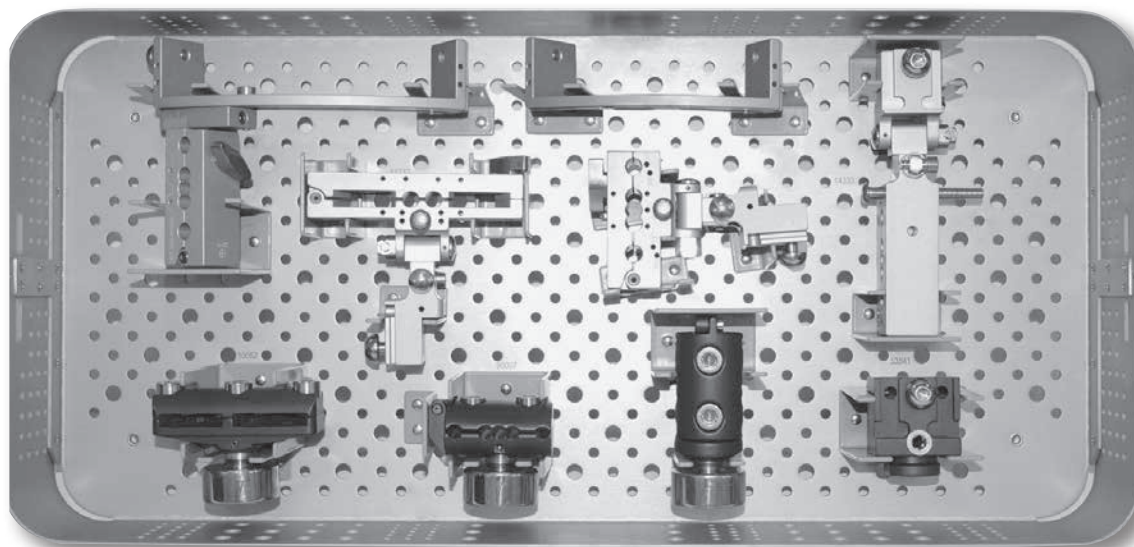
- 6x53530 ADV Straight Clamp
- 1x53560R ADV Radiolucent LRS rail 400mm or 53560 ADV LRS rail 400mm
- 1x53555R ADV Radiolucent LRS rail 350mm or 53555 ADV LRS rail 350mm
- 1x53550R ADV Radiolucent LRS rail 300mm or 53550 ADV LRS rail 300mm
- 1x53549R ADV Radiolucent LRS rail 250mm or 53549 ADV LRS rail 250mm
- 1x53545R ADV Radiolucent LRS rail 200mm or 53545 ADV LRS rail 200mm

- 1x53544R ADV Radiolucent LRS rail 120mm or 53544 ADV LRS rail 120mm
- 2x50008 Compression Distraction Clicker-extends to 4cm
- 2x50009 Compression Distraction Clicker-extends to 8cm
- 1x53580 ADV Inclination Clamp



ADVANCED LIMB RECONSTRUCTION SYSTEM

## Sterilization Boxes



3

### 3 53991 ADV LRS Components Steri-Box, empty, B

Can accommodate:

|         |                                            |
|---------|--------------------------------------------|
| 1x10052 | Torbay-Garches Clamp                       |
| 1x90006 | ProCallus Straight Clamp                   |
| 1x90007 | ProCallus T-Clamp                          |
| 1x53541 | ADV Ball-Joint Coupling                    |
| 1x14148 | ADV Acute Derotation Template*             |
| 1x14332 | ADV Acute Correction Garches<br>Template*  |
| 1x14333 | ADV Acute Correction Straight<br>Template* |
| 1x14334 | ADV Acute Correction T-Template*           |
| 1x14237 | ADV Acute Derotation Arc 100mm*            |

\* For adult and paediatric applications.

