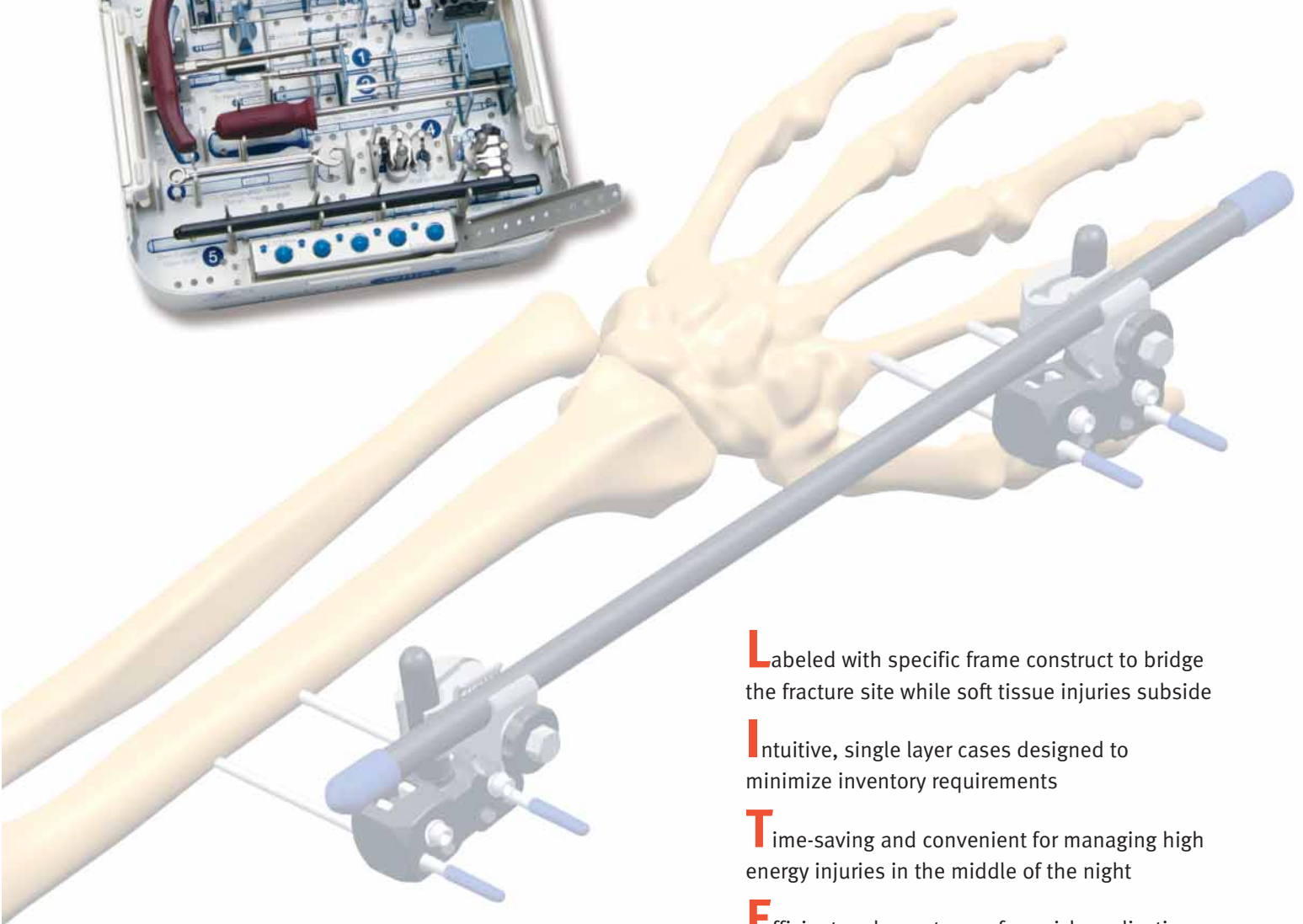
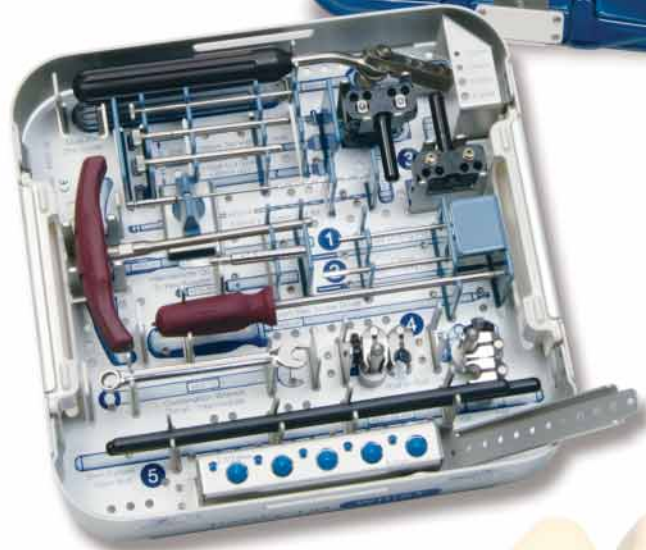




## TransFx™ Lite Wrist Spanning Frame

Abbreviated  
Surgical Technique



**L**abeled with specific frame construct to bridge the fracture site while soft tissue injuries subside

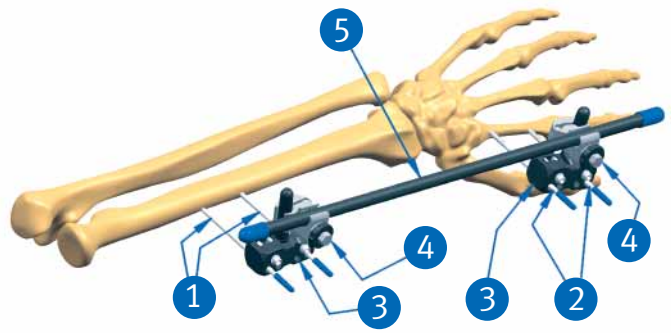
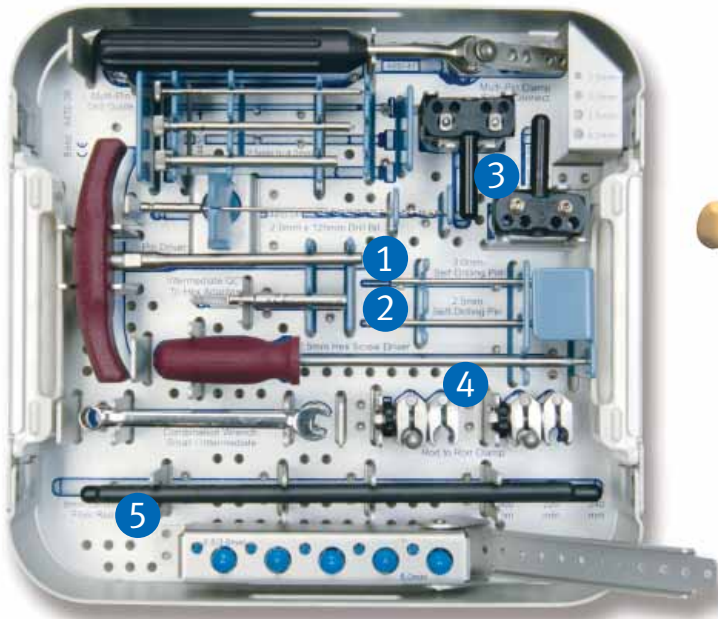
**I**ntuitive, single layer cases designed to minimize inventory requirements

**T**ime-saving and convenient for managing high energy injuries in the middle of the night

**E**fficient and easy to use for quick application, adjustment, and reduction



**zimmer**  
Confidence in your hands®

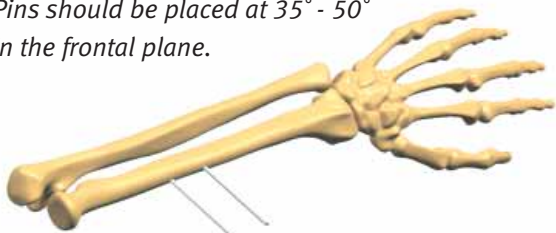


Care should be taken to protect the superficial radial nerve at all times.

# 1 Insert TransFx 3.0mm Pin

Identify radial anatomy and place proximal 3.0mm self drilling, self tapping pin ①\* in the anterior lateral aspect of the radial shaft approximately 10cm proximal to the radial styloid tip. Utilize *TransFx* drill guide & trocars to place second 3.0mm pin ① distal to first pin in a parallel fashion.

*Note: Pre-drilling is optional when using the TransFx self-drilling, self-tapping half pins. Pins should be placed at 35° - 50° in the frontal plane.*



Multi-Pin Drill Guide  
00-4450-041-00

# 2 Insert TransFx 2.5mm Pins

Identify metacarpal anatomy and place proximal 2.5mm self drilling, self tapping pin ② into the base of the second metacarpal. Again, utilize *TransFx* drill guide & trocars to place second 2.5mm pin ② distal to first pin in a parallel fashion.

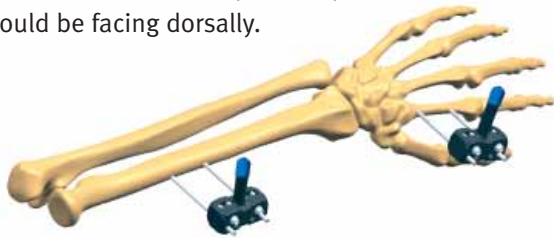


2.5mm Self Drilling, Self Tapping Pin  
00-4454-023-90

\* Numbers in written text refer to numbers on lid underside and inside on the bottom of the case.

### 3 Attach TransFx Multi-Pin Clamps

Attach *TransFx* multi-pin clamps ③ on the radial and metacarpal pins utilizing enclosed *TransFx* screwdriver. The stem of each multi-pin clamp should be facing dorsally.



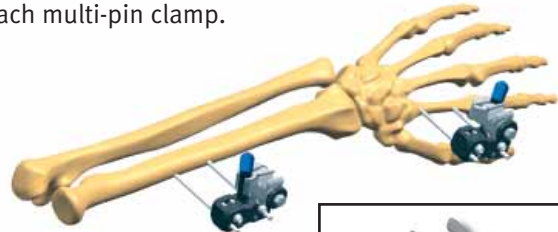
Screw Driver  
00-4450-050-00



Multi-Pin Clamp  
00-4452-030-08

### 4 Attach TransFx Rod-to-Rod Clamps

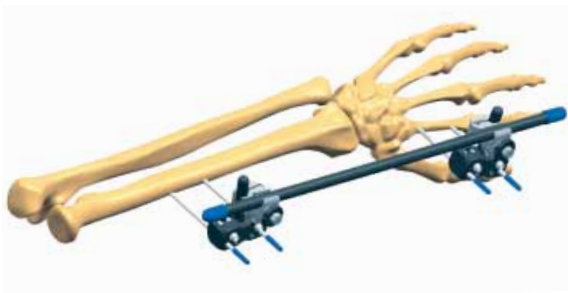
Slide or snap rod-to-rod clamps ④ onto the multi-pin clamp stems. Place protective cap on the stem end of each multi-pin clamp.



Rod-to-Rod Clamp  
00-4452-015-88

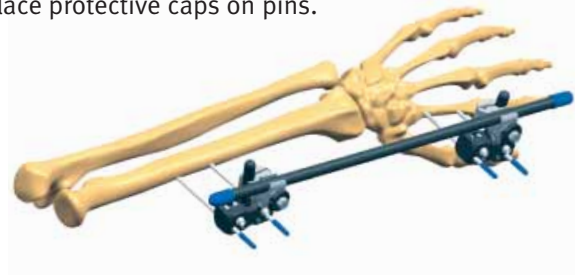
### 5 Connect Radial and Metacarpal Constructs

Slide or snap appropriate length carbon fiber rod ⑤ into open ends of rod-to-rod clamps connecting the radial and metacarpal constructs. Place protective cap on each end of carbon fiber rod to help prevent the rod from slipping out of clamp.



### 6 Reduce Fracture with Axial Realignment

Reduce fracture through gentle axial realignment, and finger tighten speed nuts on clamps. Confirm reduction with C-arm. Tighten both rod-to-rod clamps with wrench. Place protective caps on pins.



Additional components may be necessary for alternative frame configurations or for added frame stability.

## Ordering Information

Prod. No.	Description	QTY
<b>00-4450-035-00</b>	<b>Wrist Case</b>	
<b>00-4450-035-02</b>	<b>Wrist Implant Kits - 200mm includes the following:</b>	
00-4451-008-20	Carbon Fiber Rod, 8mm x 200mm	1
00-4452-015-88	Open Rod to Rod Clamp, 8mm to 8mm	2
00-4452-030-08	Multi-Pin Clamp, 8mm, Single Connect	2
00-4452-092-08	Protective Caps, 8mm	1 pk of 10
00-4452-092-25	Protective Caps, 2.5/3.0mm	1 pk of 10
00-4454-023-90	Self Drilling Pin, 2.5mm x 80mm, 20mm Thd	2
00-4454-030-08	Self Drilling Pin, 3mm x 80mm, 20mm Thd	2
<b>00-4450-035-03</b>	<b>Wrist Implant Kits - 220mm includes the following:</b>	
00-4451-008-22	Carbon Fiber Rod, 8mm x 220mm	1
00-4452-015-88	Open Rod to Rod Clamp, 8mm to 8mm	2
00-4452-030-08	Multi-Pin Clamp, 8mm, Single Connect	2
00-4452-092-08	Protective Caps, 8mm	1 pk of 10
00-4452-092-25	Protective Caps, 2.5/3.0mm	1 pk of 10
00-4454-023-90	Self Drilling Pin, 2.5mm x 80mm, 20mm Thd	2
00-4454-030-08	Self Drilling Pin, 3mm x 80mm, 20mm Thd	2



### Quick Connect to Hex Adapters

When speed and efficiency are important for the OR, the Quick Connect to Hex Adapters are a time saving tool that allows pins to be placed by easily sliding in and out of the adapter without the use of a Jacobs Chuck. The large adapter holds 4.5, 5.0 and 6.0mm pins while the intermediate adapter holds 2.5, 3.0, 3.5 and 4.0mm pins.

Prod. No.	Description	QTY
<b>00-4450-035-04</b>	<b>Wrist Implant Kits - 240mm includes the following:</b>	
00-4451-008-24	Carbon Fiber Rod, 8mm x 240mm	1
00-4452-015-88	Open Rod to Rod Clamp, 8mm to 8mm	2
00-4452-030-08	Multi-Pin Clamp, 8mm, Single Connect	2
00-4452-092-08	Protective Caps, 8mm	1 pk of 10
00-4452-092-25	Protective Caps, 2.5/3.0mm	1 pk of 10
00-4454-023-90	Self Drilling Pin, 2.5mm x 80mm, 20mm Thd	2
00-4454-030-08	Self Drilling Pin, 3mm x 80mm, 20mm Thd	2
<b>00-4450-035-01</b>	<b>Wrist Instrument Kit includes the following:</b>	
00-4450-041-00	Multi-Pin Drill Guide	1
00-4450-043-00	Drill Sleeves, 2.5/4.0mm x 50mm	2
00-4450-050-00	Hex Screw Driver, 2.5mm	1
00-4450-054-00	Drill Bit, 2.0mm x 125mm QC	1
00-4450-072-00	Combi Wrench, Intermediate	1
00-4450-080-00	Pin Driver	1
00-4450-094-00	Intermediate Quick Connect to Hex Adapter	1

Additional components may be ordered separately.



### Speed-Nut Technology

Innovative Speed-Nut clamp technology allows for initial finger tightening and therefore, provides ease of use, flexibility, and speed in frame construction.

Reference *TransFx* External Fixation System Large and Intermediate Surgical Technique 97-4450-003-00 for further details.

Contact your Zimmer representative or visit us at [www.zimmer.com](http://www.zimmer.com)

