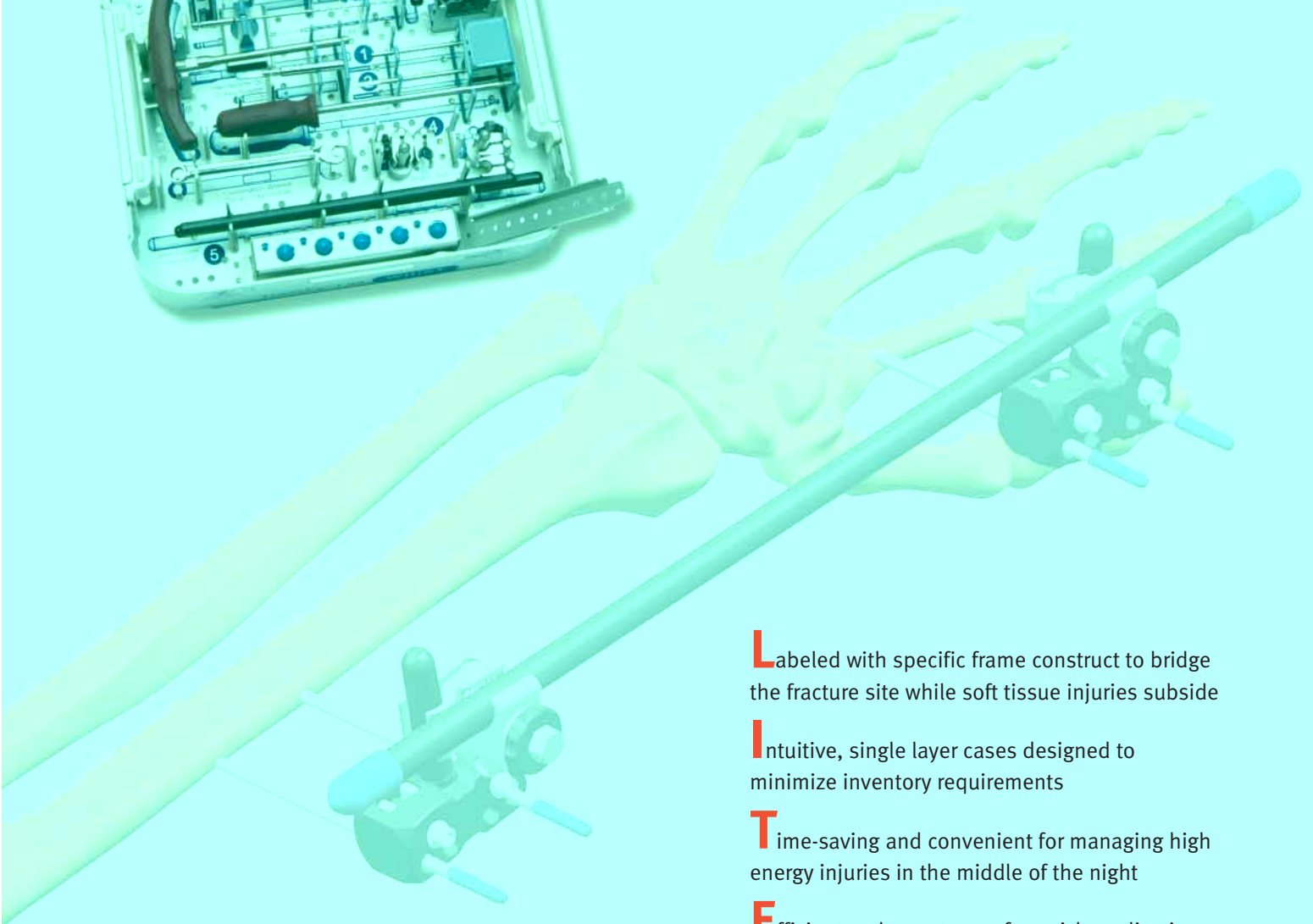
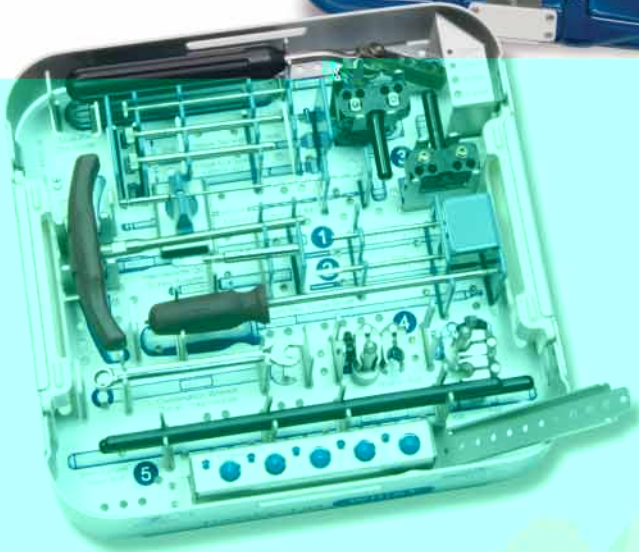




TransFx™ Lite Wrist Spanning Frame

Abbreviated
Surgical Technique



Labeled with specific frame construct to bridge the fracture site while soft tissue injuries subside

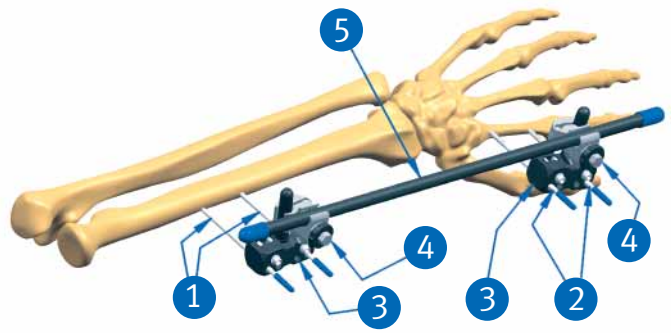
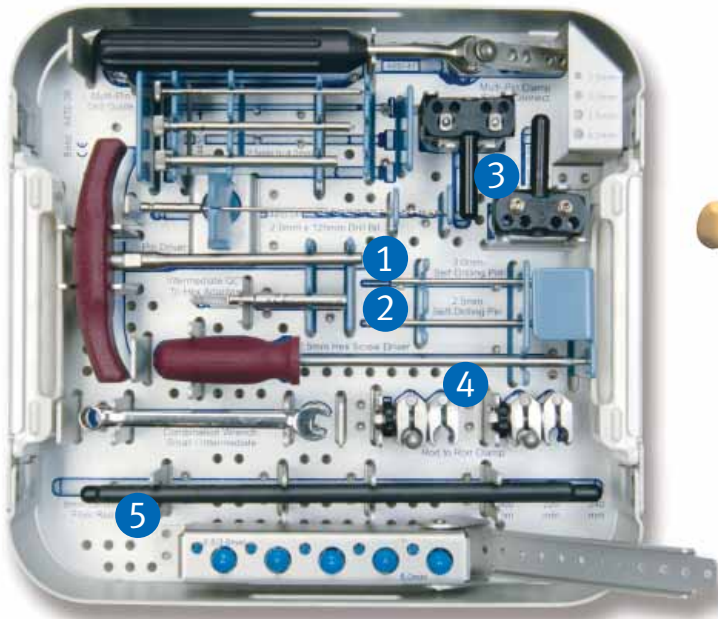
Intuitive, single layer cases designed to minimize inventory requirements

Time-saving and convenient for managing high energy injuries in the middle of the night

Efficient and easy to use for quick application, adjustment, and reduction



zimmer
Confidence in your hands®

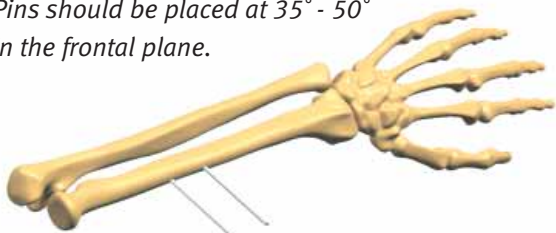


Care should be taken to protect the superficial radial nerve at all times.

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.

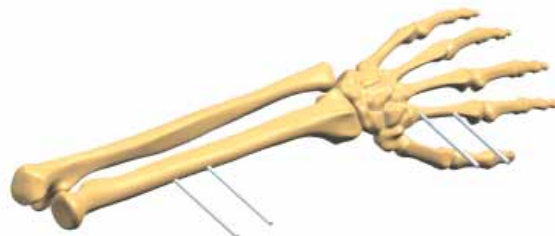
Note: Pre-drilling is optional when using the TransFx self-drilling, self-tapping half pins. Pins should be placed at 35° - 50° in the frontal plane.



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.

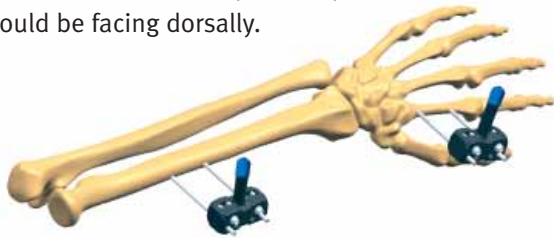


2.5mm Self Drilling, Self Tapping Pin
00-4454-023-90

* 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.



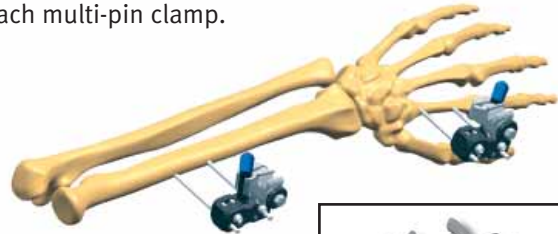
Screw Driver
00-4450-050-00



Multi-Pin Clamp
00-4452-030-08

4 Attach TransFx Rod-to-Rod Clamps

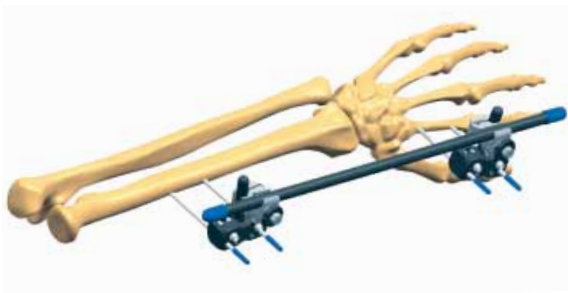
Slide or snap rod-to-rod clamps ④ onto the multi-pin clamp stems. Place protective cap on the stem end of each multi-pin clamp.



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

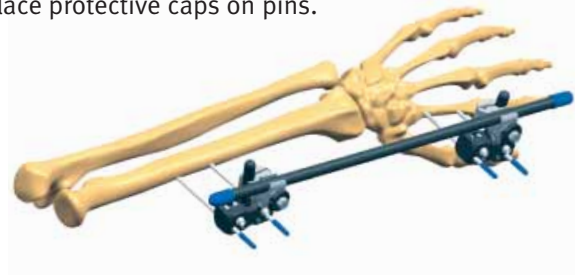
5 Connect Radial and Metacarpal Constructs

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
00-4450-035-00	Wrist Case	
00-4450-035-02	Wrist Implant Kits - 200mm includes the following:	
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
00-4450-035-03	Wrist Implant Kits - 220mm includes the following:	
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
00-4450-035-04	Wrist Implant Kits - 240mm includes the following:	
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
00-4450-035-01	Wrist Instrument Kit includes the following:	
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

