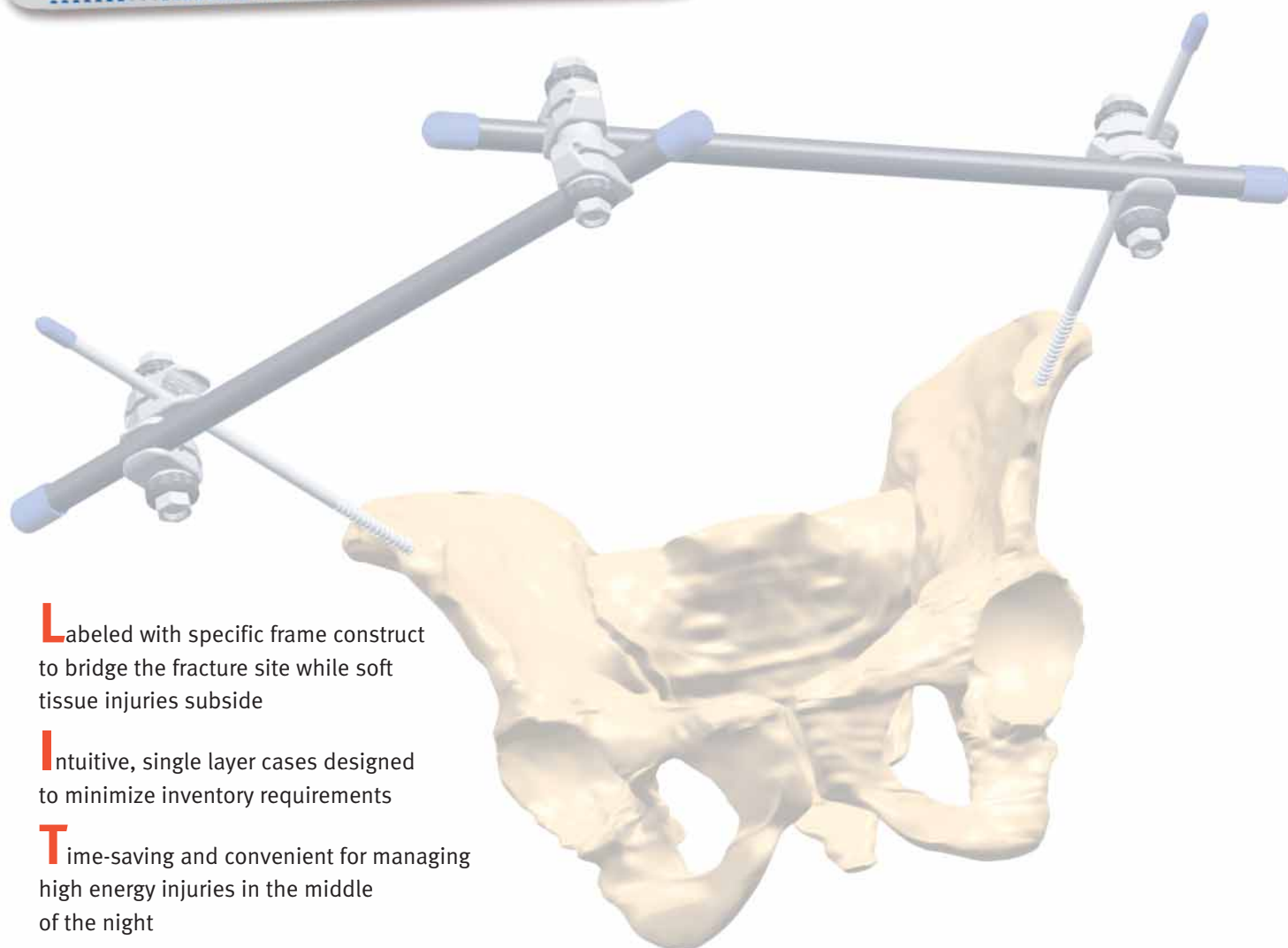
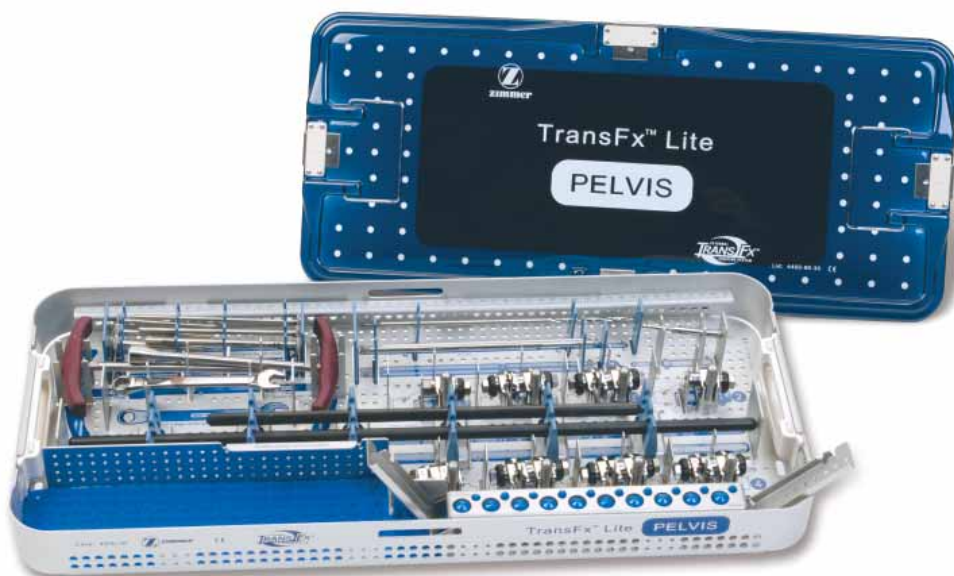




TransFx™ Lite Pelvic Resuscitation Frame

Abbreviated
Surgical Technique



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

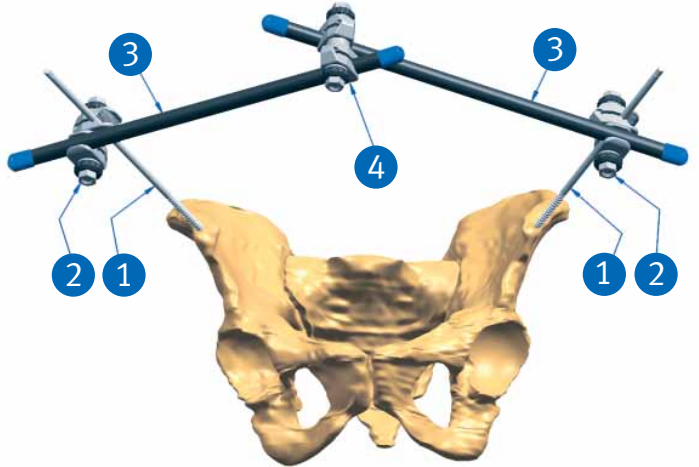
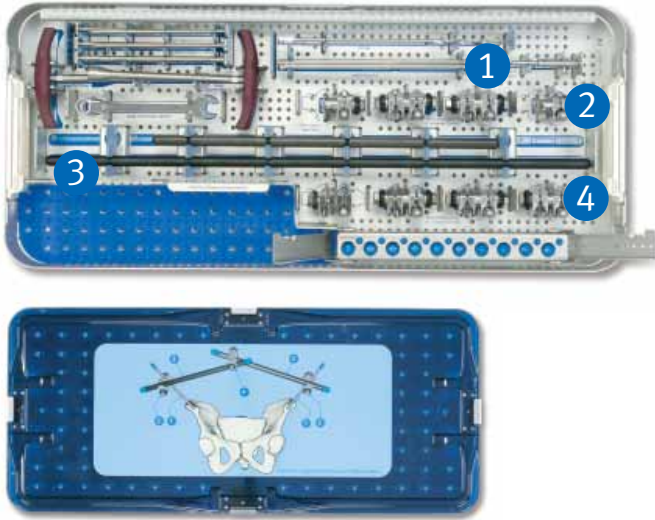
Intuitive, single layer cases designed to minimize inventory requirements

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®



A circumferential sheet can be used for temporary manual reduction before surgical incisions. Keep in mind the exposure area for half pins.

1 Insert TransFx Half Pins

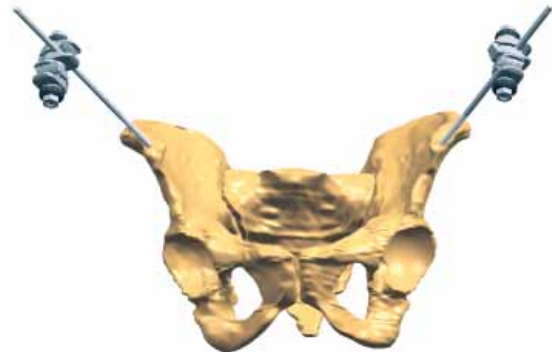
Place one half pin **1*** into each hemipelvis at the iliac crest. Insertion can be made between the internal lip and intermediate line of the iliac crest at an angle of 10° - 45° toward the greater trochanter. C-arm guidance is highly recommended.

Note: Pre-drilling is optional when using the TransFx self drilling, self tapping half pins.

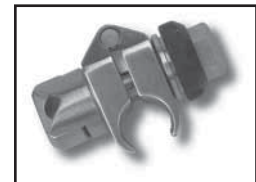


2 Attach TransFx Pin-to-Rod Clamps

Attach pin-to-rod clamps (or universal clamp) **2** to pins. Only finger tighten speed nuts until final reduction is achieved in Step 3.



Universal Clamp
00-4452-055-11



Pin-to-Rod Clamp
00-4452-025-51



Speed Nut

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

3 Attach TransFx Carbon Fiber Rods

Snap appropriate length carbon fiber rods ③ into pin to rod clamps (or universal clamps). Place protective caps on end of rods to keep rods from slipping out of clamps.



4 Attach TransFx Rod-to-Rod Clamps

Connect loose ends of carbon fiber rods with a rod-to-rod clamp (or universal clamp) ④. Finger tighten speed nut(s).
Finger tighten speed nut(s).



5 Final Reduction

Manually reduce pelvis with compression on pelvis not on pins. Appropriately position frame and tighten clamps with combination wrench. Place protective caps on pins.



Combination Wrench 00-4450-075-00

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

Ordering Information

Prod. No.	Description	QTY
00-4450-030-00	Pelvic Case	
00-4450-030-02	Pelvic Implants includes the following:	
00-4451-001-30	Carbon Fiber Rod, 11mm X 300mm	2
00-4452-015-11	Rod to Rod Clamps, 11mm	1
00-4452-025-51	Pin to Rod Clamps, 11mm	2
00-4452-092-11	Protective Caps, 11mm	1 pk of 10
00-4452-092-45	Protective Caps, 4.5/5.0mm	1 pk of 10
00-4454-050-20	Self Drilling Pin, 5.0mm X 200mm	2



Universal Clamp

Allows independent loosening and tightening capability on both sides of clamp for ease of frame construction. It is truly universal and can be used in place of the *TransFx* Pin-to-Rod or *TransFx* Rod-to-Rod clamp for simple inventory management. 4.5, 5.0 and 6.0mm pins conveniently snap-fit into the clamp which is useful in hard to reach spaces. The Universal Clamp is only available in the Large 11mm system.



Speed-Nut Technology

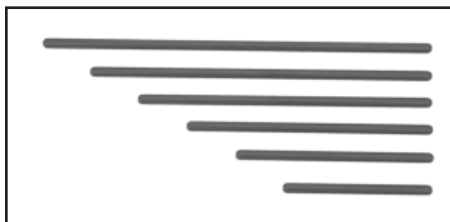
Innovative Speed-Nut clamp technology allows for initial finger tightening and therefore, provides ease of use, flexibility, and speed in frame construction.

Prod. No.	Description	QTY
00-4450-030-01	Pelvic Instruments includes the following:	
00-4450-049-00	Drill Sleeve Set w/Trocar, (2 each) 4.0/5.0mm x 110mm	1
00-4450-067-00	Drill Bit, 4.0mm x 230mm QC	1
00-4450-075-00	Combi Wrench, Large	1
00-4450-082-00	Pin Driver, Large	1
00-4450-093-00	Large Quick Connect to Hex Adapter	1
Additional components may be ordered separately.		
00-4452-055-11	Universal Clamp (Optional)	



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.



Various Lengths of Rods

Carbon fiber construction provides improved radiolucency. Rods are available in a variety of lengths up to 650mm providing frame construct options to fit different anatomies.

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

