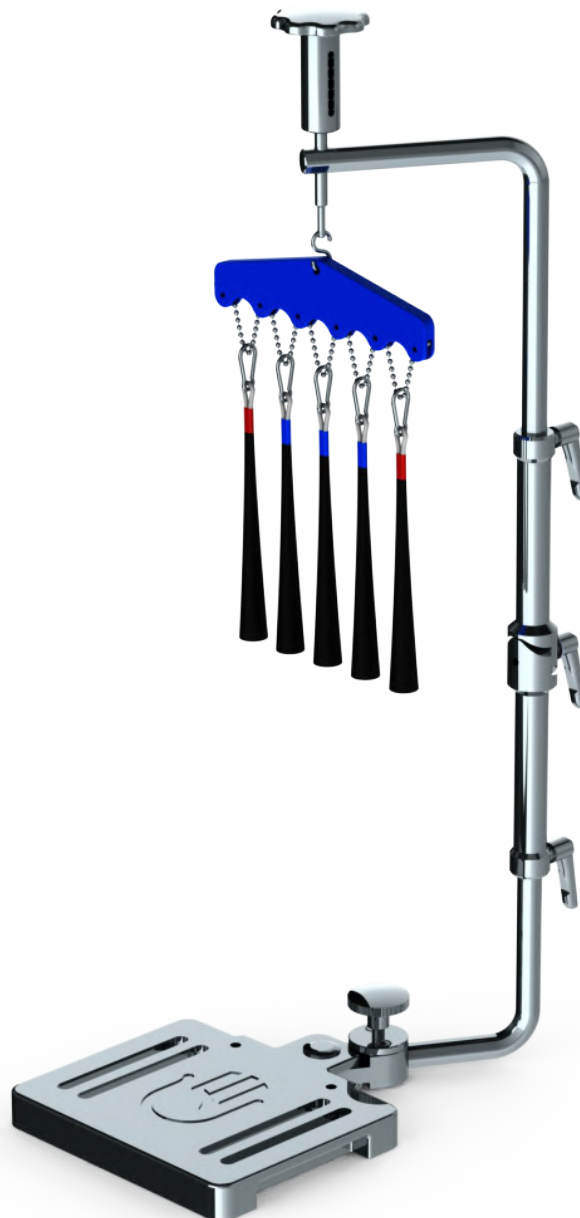




ELA Traction Tower

for wrist traction

SURGICAL TECHNIQUE



- ▶ Diagnostic Wrist Arthroscopy
- ▶ Arthroscopic Management of Wrist Injuries
- ▶ Distal Radius Fractures
- ▶ Scaphoid Reduction and Fixation
- ▶ Ulnar Shortening Operations

Table of Contets

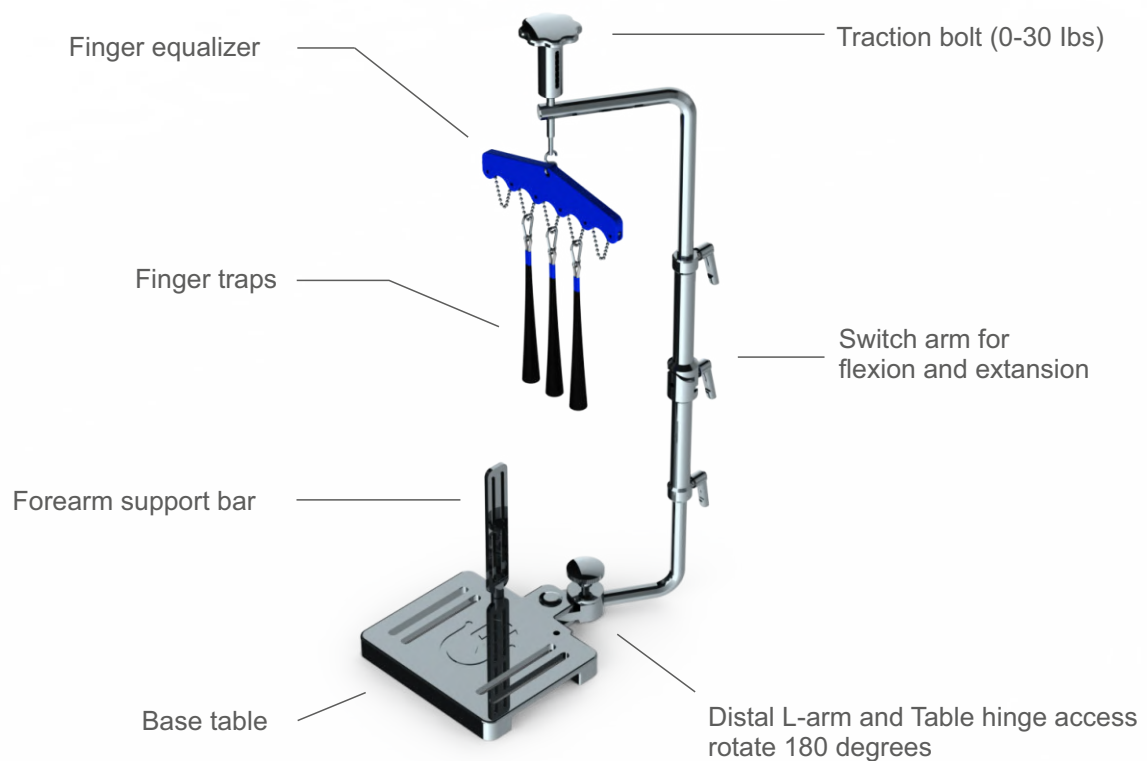
System Parts.....2

Features.....3

Assembly Instructions.....4

Ordering Information.....6

ELA Traction System Parts



Hand stabilisation rod assists the whole process from full supination to full pronation.

The finger traps which are being used along with the tower, have been designed in accordance with the individual ergonomics and sizes of the fingers of the patients, in various textures and specifications.

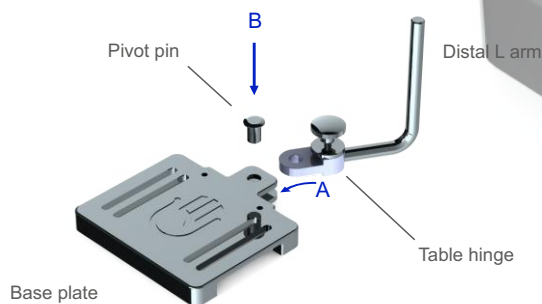
This design minimizes the probable pressure applied on the fingers and disables the risk of tissue trauma on them. Hand wrist tower is a perfect assistant for the reduction of the forearm and wrist fractures.

Sterilized finger traps are functioning as the equalizer of the force applied on the fingers and prevents uncontrolled excessive pressure applications.



Assembly Instructions

Picture 1

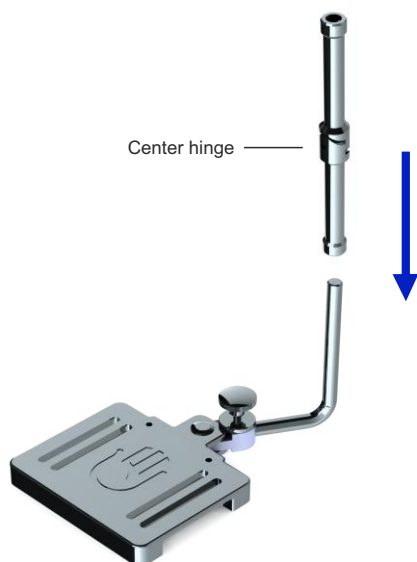


1

Fix the Distal L Arm with table hinge by screwing them together.
Fix the table hinge to base table with pivot pin by placing it in to the mount

Caution: Firstly proceed the movement A, and then the movement B as shown with the arrows.

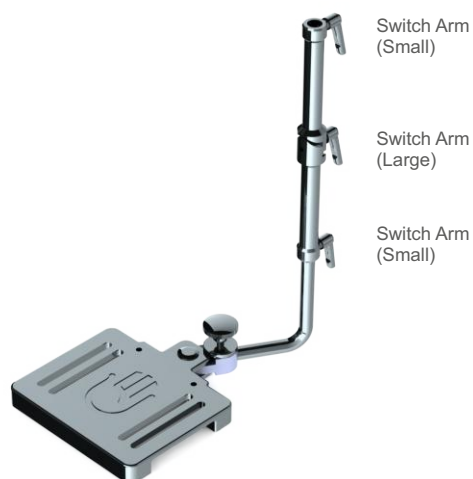
Picture 2



2

Plays the center hinge on distal L arm as shown on the figure 2.

Picture 3



3

The center of the Center Hinge, must be at the same level with the patient's wrist for the angulation of the wrist.

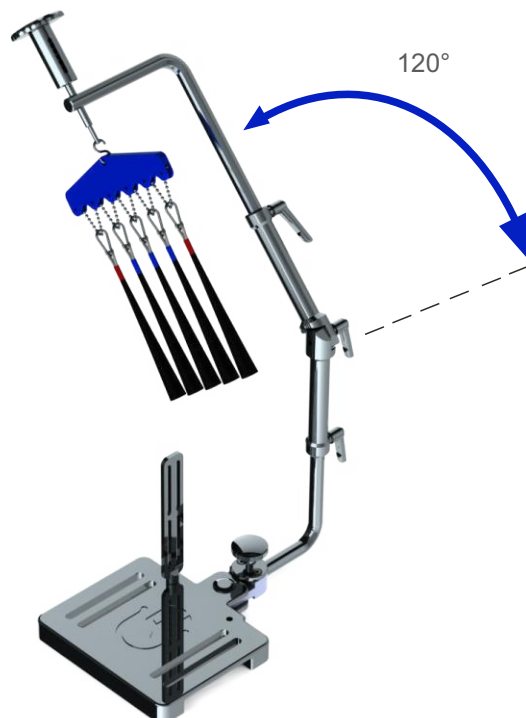
Lock the system with the suitable switch arm in accordance with the best comfortable position of the patient by moving the rod up and down to find the best alignment with the patient's wrist.

Caution: The large switch arm must be placed at the center of center hinge and the small ones to the either ands.

Features

Vertical scoping and Surgical Access Positioning

The system can rotate in a 120 degree range with the help of switch arm (Large) on the Center hinge.



Horizontal scoping ve Fluoroscopic imaging Positioning

The system can be bent all the way down 180 degrees by loosening the bolt screw on the Table Hinge.



ELA Traction Tower has been designed for wrist arthroscopy and fractures to maintain a well balanced stabilisation during the operations.

This design, not only simplifies arthroscopic approach and bone fracture reduction but it increases the comfort and the wellness of the patients as well and also gives a quick and easy accessibility and many positional advantages to the surgeons due to its multi-axis mechanical and structural features.

It enables omni angle fluoroscopic monitoring thanks to its polydirectional rotational capability in a range of 180 degrees.

Assembly Instructions

4

Place the Proximal L Arm to the center hinge by the help of small switch arm and lock it as shown on the figure 4.



Picture 4

5

Attaged the Forearm support bar to the base table by screwing it

This is optional for the stability of the patient's wrist.

The patient's wrist can be fix with the help of a strapler.



Picture 5

6

Attach the Traction bolt to the finger equalizer with the help of the hook

You can finalize the whole process of chosing the proper finger traps eccarding to the ergonomics of the patient's fingers.



Picture 6

Finger Equalizer System

Traction bold has spring scale 0-30 lbs .

The equilizer provides perfect balance between fingers during the operation.

Balanced fingers are safe from any inquiries or joint dislocations



Finger Traps

The finger traps which are being used along with the tower, have been designed in accordance with the individual ergonomics and sizes of the fingers of the patients, in various textures and specifications. This design minimizes the probable pressure applied on the fingers and disables the risk of tissue trauma on them.

Size range is; Xs, Small, Medium, Large and XL

Caution: Finger Traps may be sterile EO and Gamma sterile. Non-autoclavable.



Ordering Information

1	Base Table	WFW011
2	Forearm Support Bar	WFW012
3	Table Hinge	WFW013
4	Pivot Point Pin	WFW014
5	Finger Equalizer	WFW016
6	Distal L Arm	WFW017
7	Wrist/Arm Support Strap	WFW018
8	Proximal L arm	UWA019
9	Center Hinge	UWA020
10	Switch Arm Small	UWA021
11	Switch Arm Large	UWA022
12	Traction Bolt	UWA023
13	Finger Trap	FTF-XS
14	Finger Trap Small	FTF-S
15	Finger Trap Medium	FTF-M
16	Finger Trap Large	FTF-L
17	Finger Trap X-Large	FTF-XL



bozoq