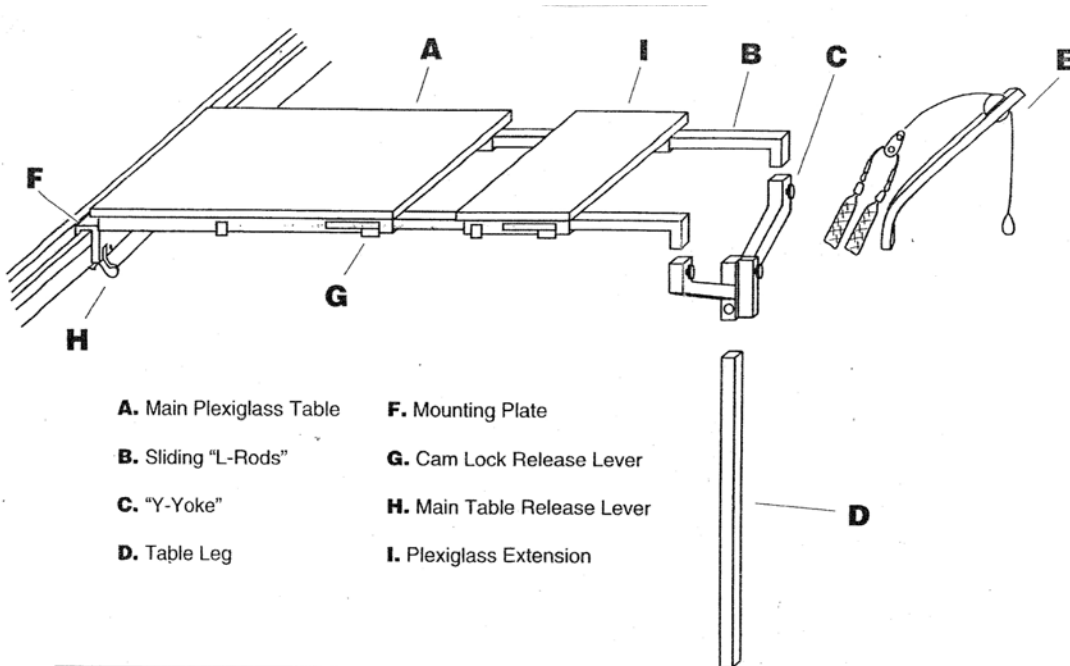


Carter Hand Surgery Table Stock # CST-2007



- | | |
|---------------------------------|------------------------------------|
| A. Main Plexiglass Table | F. Mounting Plate |
| B. Sliding "L-Rods" | G. Cam Lock Release Lever |
| C. "Y-Yoke" | H. Main Table Release Lever |
| D. Table Leg | I. Plexiglass Extension |

E. Traction Arm Assembly
(finger traps, stainless cable, pulley, loop for weight pan)

CST-2007 Includes:

1 mounting plate with 2 adjustment "set" screws and Plexiglas table with 2 hollow support rods (PART A)

1 Table Pad

1 Plexiglas Table extension

1 Allen wrench tool

2 Stainless steel "L" rods (stored inside table support rods with short arms of "L" rotated toward each other) (PART B).

1 Stainless steel Y-yoke (PART C)

1 Stainless Steel standing leg (PART D)

1 Angled weight support bar with long stainless steel weight cable and small double hook cable

6 stainless steel finger traps with stainless grating (PART E); 2 small, 2 medium, and 2 large

Carter Hand Surgery Table Set-Up Instructions

WITHOUT TRACTION

STEP 1

Attaching CST Table to main operating table:

The CST table is attached to the existing side rail of the OR Table much the same as an anesthesia arm board. Tilt the CST table at approximately 20°, pull backwards on the release lever and insert the mounting plate lip between the OR table and its existing railing. (Fig. 1) Lower the table until it is level to the floor and release the lever, locking the table in place. To remove the CST Table, pull up on the release lever, tilt the table up and disengage the lip of the mounting plate from the railing of the OR Table.

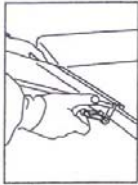


Fig.1



Fig.2

Note: Occasionally an adjustment must be made to level the CST table with the floor if your OR table railing is bent. The set screws in the mounting table can be extended with the Allen wrench provided.

STEP 2

Securing the vinyl pad to the Plexiglas table:

Place pad on table and line up Velcro strips.

STEP 3

Adjustment for patients with long arms:

Since the vinyl-covered foam pad is reinforced with a Plexiglas sheet inside the vinyl, the table can be adequately extended for most clinical situations by moving the pad distally 4 to 6 inches (Fig. 3). For extra long arms, the table extension and table leg must be added as described in the section about CST use with traction.

The CST table is now ready to use on all standards hand, wrist and forearm operations not requiring traction. Since the table is radiolucent, X-rays may be taken with the arm lying on it.



Fig.3

WITH TRACTION

STEP 1

Attach table and position pad as previously described.

STEP 2

Assembling leg and Y-Yoke to L-Rods:

Release Cam Lock Adjustment Lever (G) and slide the L-Rods (B) completely out of support tubes. Replace L-Rods back into the same tube with the short limb pointing down towards the floor. So the L-Bars can still slide, don't lock the cam lever yet.

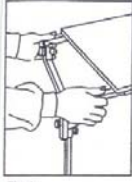


Fig.4

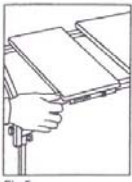


Fig.5

Note: For storage and use of the table without traction, the L-Rods are inserted pointing towards each other. This keeps the under surface free of protrusions and maximizing leg room for the surgeon and assistant.

Next attach the Y-Yoke to the L-Bars and secure with screw knobs. Now the three pieces may be moved in and out to suit the arm length (Fig. 4). For extra long arms, the table extension can be slid onto the sliding L-Bars as shown (Fig. 5). Most of the time the pad can be moved out and is stiff enough to provide support as shown (Fig. 3).

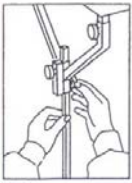


Fig.6

Lock the sliding L-Rods in place by closing the cam lock to their flush position on either side of the table.

STEP 3

Installing Accessory Table Leg:

When traction is used or if an extremely rigid operating surface is needed, the accessory stainless table leg is provided. Insert table leg (D) into appropriate tube on the Y-Yoke and tighten adjustment knob (Fig. 6).



Fig.7



Fig.8

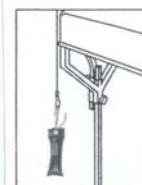


Fig.9

If the OR table height must be raised or lowered, momentarily loosen the knob and let the leg readjust, then re-tighten the knob. When traction is not being used, most surgeons prefer not to use the leg, since changing the OR table height and moving the entire OR table around the room can be accomplished more easily without it. The very strong cantilever design makes the table quite rigid without the leg. With traction, however the leg should be used.

STEP 4

Prep and drape of the upper limb:

The arm and entire hand may be prepped as for any hand surgery procedure. Completely cover the CST Table and Y-Yoke and L-Rod, and leg assembly with drapes (Fig. 7).

STEP 5

Attaching the traction assembly:

The entire traction assembly (E) including stainless steel finger traps, cable and pulley bar should be previously autoclaved. The surgeon now inserts the pulley arm assembly through a hole which the circulating nurse cuts in the drape (Fig. 8).

STEP 6

Placing the patient's hand in traction:

Attach the stainless steel finger traps of the appropriate size to the patient's digits (index and long give the best traction on the wrist through the fixed unit of the hand).

STEP 7

Attaching weight:

Use ISI S-hook through wire loop in cable and add the desired weight, usually 5-15 pounds (Fig. 9). Weights available through ISI. NOTE: S-hook and weights are NOT part of the CST Table package.