PIVOTAL Health Solutions

DOC DECOMPRESSION[1] TABLE

Operator Manual

PIVOTAL Health Solutions

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

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[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

INDICATIONS FOR USE/ CONTRAINDICATIONS

INDICATIONS FOR USE:

The Decompression[1] of Choice (DOC) is a non invasive method of applying distractive forces to the spine through controlled tensions.

It is designed to apply decompression[1] forces to intervertebral discs.

The Decompression[1] of Choice (DOC) may be used for back pain, neck pain, herniated discs, protruding discs, degenerative disc disease, sciatica and posterior facet syndromes.

CONTRAINDICATIONS:

- Acute or traumatic injury
- Spinal instability
- Fractures
- Rheumatoid arthritis
- Spinal cord compression
- Infections and inflammatory diseases
- Malignancy
- Vascular compromise
- Cardiac or respiratory insufficiency
- Advanced Osteoporosis
- Certain conditions (diseases) that compromise the structural integrity of the spine and discs
- Disease of unknown etiology
- Metal implants/screws/plates in the spine
- Tumors
- Abdominal Aortic Aneurism

RELATIVE CONTRAINDICATIONS (REQUIRE SPECIAL MONITORING OR SHOULD BE AVOIDED):

- Hiatal hernia
- Later stages of pregnancy
- Claustrophobia

CAUTION:

Federal law restricts this device to sale for use by or on the order of a Physician or with the descriptive designation of any other practitioners licensed by the law of the State in which that person practices to use or order the use of the device.

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DEFINITIONS

The precautionary instructions found in this section and throughout this manual are indicated by specific symbols. Understand these symbols and their definitions before operating this equipment. The definitions of these symbols are as follows;

CAUTION:
Text with a "CAUTION" indicator will explain possible Safety infractions that could have the potential to cause minor to moderate injury or damage to equipment.

WARNING:
Text with a "WARNING" indicator will explain possible Safety infractions that will potentially cause serious injury and equipment damage.

DANGER:
Text with a "DANGER" indicator will explain possible Safety infractions that are imminently hazardous situations that would result in death or serious injury.

WARNING:
Pinch Point

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PRECAUTIONS

- Read, understand and practice the precautionary and operating instructions found in this manual. Know the limitations and hazards associated with your new treatment table. Observe any and all precautionary and operational decals placed on the unit.

- Grounding- Make certain that the Doc Decompression1 Table is connected to a power source appropriate for your equipment. Ensure your equipment is grounded by using a 3-prong electrical outlet. A ground wire must be connected to the ground stud in the frame if a 3- prong electrical outlet is not available.

- Keep table out of high moisture areas.

- This unit should be operated, transported and stored in temperatures between 40° F (4.4° C) and 100° F (37.8° C), with relative humidity ranging from 30% - 80%.

- DO NOT operate these tables in an environment where other devices are being used that intentionally radiate electromagnetic energy in an unshielded manner. Portable and mobile RF communications equipment can affect Medical Electrical Equipment.

- This table generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation.

  Harmful interference to other devices can be determined by turning this table on and off. Try to correct the interference using one or more of the following: reorient or relocate the receiving device, increase the separation between the equipment, connect the equipment to an outlet on a different circuit from that which the other device(s) are connected, and consult the Pivotal Health Solutions Service Department for help.

- Portable and Mobile RF communications equipment can affect the tables operation.

- Support the table sections with both hands when making any adjustments.

- Inspect all cables and connectors before each use.

- Power rating: 115 V 60Hz 5 Amp Max or 230 V 50Hz 5 Amp Max (see serial decal for rating)

- Never place your hands or feet near the working mechanism of the table while operating the table.

- Always stabilize the patient with one hand when changing table position.

- Always assist the patient on and off the treatment table to avoid falls.

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PRECAUTIONS

- Always monitor patients closely during treatment.
- DO NOT sit on Pelvic cushion or Head cushion. Pelvic cushion is to be only used to support patients' legs. Patient should only sit on center cushion. Load limit of pelvic cushion is 150 lbs.
- The table's maximum safe working load is 350 pounds. Never exceed the maximum load limit.
- Lower table to its lowest position before assisting patients on or off of the table.
- Do not permit any foreign materials or liquids to enter the unit. Take care to prevent any foreign materials including, but not limited to, inflammables, water, and metallic objects from entering the unit. These may cause unit damage, malfunction, electrical shock fire or personal injury.
- The Patient Interrupt Switch is essential for the functioning of the unit. If it is not connected, or if it is malfunctioning, the unit will not work.
- Use of controls or adjustments or performance of procedures other than those specified herein may result in a hazardous traction related injury.
- Do not use a damaged Mains Power Cord. Using a damaged Mains Power Cord may cause unit damage, malfunction, electrical shock, fire, or personal injury. If the Mains Power Cord becomes damaged, discontinue use immediately and contact the dealer for replacement of the Mains Power Cord.

DANGER:

- Possible explosion hazard if used in the presence of flammable anesthetics.

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This equipment is designed to be used only by fully trained and qualified persons. The equipment is not warranted for, nor does the company recommend or support, any other use.

WARNING: Do not modify this equipment without written authorization of the manufacturer.

DECOMPRESSION[1] AS USED IN THIS MANUAL IS DEFINED AS UNLOADING DUE TO DISTRACTION AND POSITIONING.

Emergency Stop Procedures and Belt Release Procedures

To ensure patient safety features have been incorporated into the table. Inform all patients of the emergency procedures before beginning treatment.

1. PATIENT STOP SWITCH:
The Patient Stop Switch is an important safety feature. Pressing the Patient Stop Switch stops all motion of the table and gradually reduces the force to 5 lbs. Ensure the patient has access to the stop switch any time the table movesautomatically. Instruct the patient to press the Stop Switch anytime the symptoms increase or when they want to discontinue treatment.

2. ON SCREEN STOP SWITCH:
The on screen stop switch is an important safety feature. Pressing the on screen button stops all motion of the table and gradually reduces the force to 5 lbs.

3. ON OFF SWITCH:
Turning the On Off Switch to the off position will stop all motion on the table.

4. BELT RELEASE:
The belting is attached using Velcro and can easily be removed by the patient. If the patient has lost control of the patient stop switch the patient can pull on the belting system to quickly release themselves from the table.

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INSTALLATION

1.1

WARNING:
When moving the table do not push or pull on cushions, do not lay table on its side or stand the table on end. If the table needs to be moved use the Lateral and Axial handle bars on the lumbar end of the table and thehandles on the cervical end of the table. If the load cells attached to the cervical or lumbar sections of the table see a force greater than 250 pounds they will be damaged. Mishandled load cells will not be covered under warranty.

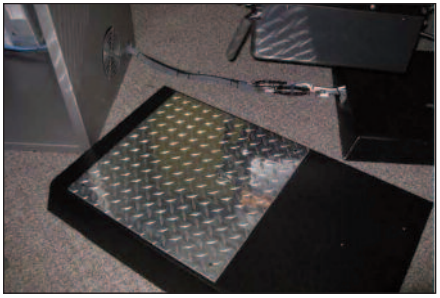
1.2 Place the table on a flat level surface.

1.3 Do not position the tower so it is difficult to disconnect the power.

1.4 Place the tower on a flat level surface. In a straight line from the head of the table, 28-29 inches away from the base of the table.

1.5 Table and tower electrical plugs should be connected, the round connectors will only plug into the correct mating connector. Plug the connector in, then lock arms.

1.5.1 Carefully place walkway cover over wires.



1.5.2 Plug the power cord into the back of the tower.

1.6 Check table functionality

1.6.1 Press the Manual Distraction button.

1.6.2 Make sure table is set to a flat position. The flexion angles are displayed on the bottom of the manual distraction screen. Make sure the cervical flexion angle, Lumbar axial Angle, and Lumbar flexion angle read 0 +/-2. If they do not adjust the flexion until they are 0 +/-2.

1.6.3 Test cervical motor function.

1.6.3.1 Remove Thoracic belt post from table. Make sure lock handle for post is pointed down.

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1.6.3.2 Press and hold the Extend button under cervical until it stops. Cervical motor should extend out approximately 5 inches. Cervical pounds should stay under 10 lbs thru entire stroke of motor.

1.6.3.3 Test load cells by gently pressing horizontally on cushions toward center of table. Cervical pounds should read a corresponding force based on pushing force.

1.6.3.4 Press and hold the Retract button under cervical. Cervical motor should retract in.

1.6.4 Test lumbar motor function.

1.6.4.1 Press and hold the Extend button under lumbar until it stops. Lumbar motor should extend out approximately 8 inches. Lumbar pounds should stay under 10 lbs thru entire stroke of motor.

1.6.4.2 Test load cells by gently pressing horizontally on cushions toward center of table. Lumbar pounds should read a corresponding force based on pushing force.

1.6.4.3 Press and hold the Retract button under lumbar. Lumbar motor should retract in.

1.6.5 Test elevation and flexion.

1.6.5.1 From the Main Menu, press the Elevation and Targeting button.

NOTE: Pressing the Stop button on screen or the patient stop switch will stop any of the automated movements. A Flexion angle with a negative value indicates the end of the table is pointed skyward, a positive angle indicates the end of the table is pointed towards the floor.

1.6.5.2 Press the table max height button. The table will raise to the fully elevated position. The table must be raised before the cervical or pelvic sections can be tilted downwards. The cervical and pelvic sections must not be tilted down when lowering the table or damage may result.

1.6.5.3 Press the L1-L2 button then the Begin Targeting Setup button, the table will tilt upwards to approximately -12.5 degrees.

1.6.5.4 Press and hold the Lumbar Flexion Down button to tilt the pelvic down until flat.

1.6.5.5 Test the cervical flexion by pressing the Mech-Lock control lever. Pressing the thumb control down the Mech-Lock unlocks allowing the cervical head frame to flex. Cervical flexion angle display on the screen should change, corresponding with the angle of the cervical section.

1.6.5.6 Test pelvic section axial rotation and lateral rotation using control levers at the foot of the tables. Axial rotation should change the lumbar axial angle display on the screen, corresponding with the angle of the pelvic section.

1.6.5.7 Return the table to flat.

1.6.5.8 Press and hold the lower table button to bring it back down to the lowest level.

1.6.6 If any of these tests fail or any questions arise please contact customer service.

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AUTOMATIC DECOMPRESSION[1] QUICK START

2.1 Restrain patient for Cervical or Lumbar decompression[1].

2.2 Give the patient the emergency stop switch.

2.3 Press the Automatic Decompression1 Menu button on the main menu.

2.4 Select desired Pattern.

2.5 Confirm Cervical Treatment for cervical decompression1 or Confirm Lumbar Treatment for lumbar decompression[1].

2.6 Enter Treatment Parameters.

2.7 Enter Treatment Cycles.

2.8 Press patient stop switch to test operation as directed on screen.

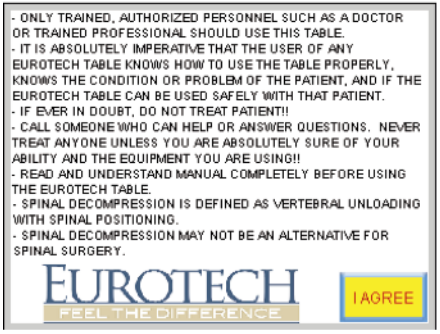
2.9 Press Start

3.0 CONTROL PANEL SCREENS:

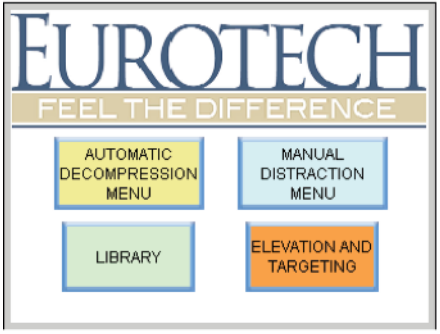
3.1 Disclaimer Screen

3.1.1 Read the warnings and if you agree press the I agree button. The Doc Main Screen will open.

Pivotal Health Disclaimer



DOC MAIN SCREEN



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2 Automatic Decompression[1] Menu – pressing this button takes you to the Suggested Decompression1 Patterns Selection Screen. From this screen you are able to select the desired pattern and start a cervical or lumbar decompression[1] session. These are only suggested treatment decompression1 patterns. The doctor must examine, diagnose, and suggest treatment based on that patients particular problem or condition. The decompression1 patterns are only guidelines.

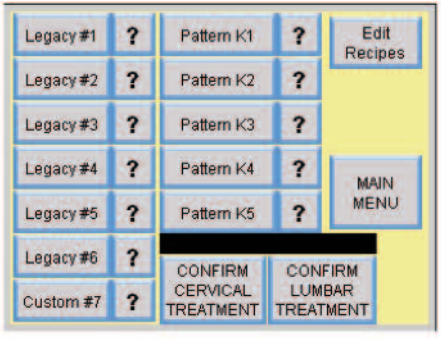
3.2.1 Main Menu – pressing this button returns you to the DOC Main Screen.

3.2.2 Confirm Cervical Treatment – pressing this button opens the pattern set up screen for Cervical Decompression[1].

3.2.3 Confirm Lumbar Treatment – pressing this button opens the pattern set up for Lumbar Decompression[1].

3.2.4 Legacy #1 – #6, Custom #7, or Pattern K1 - K5 - pressing these buttons loads the pattern into the controller. Pressing the "?" after the pattern displays a visual representation of the pattern. After choosing the pattern button, SELECT Confirm Cervical Treatment or Confirm Lumbar Treatment.

Decompression[1] Pattern Selection Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

LEGACY #1

3.2.4.1.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.1.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.1.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

3.2.4.1.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

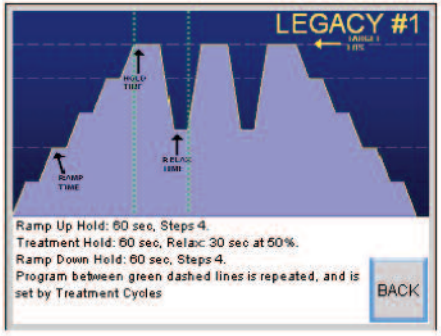
3.2.4.1.5 Elevation – pressing this button opens the Elevation Popup screen.

3.2.4.1.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.1.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

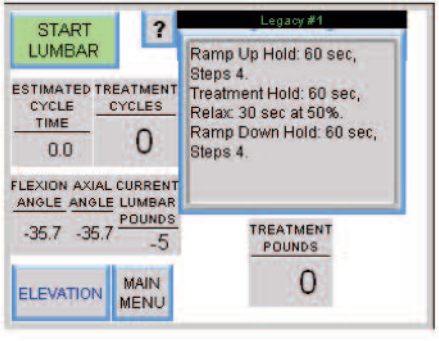
3.2.4.1.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.

Legacy #1



Legacy 1 Setup Screen

***Lumbar treatments are described, but apply to both lumbar and cervical**



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.2 LEGACY #2

3.2.4.2.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.2.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.2.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

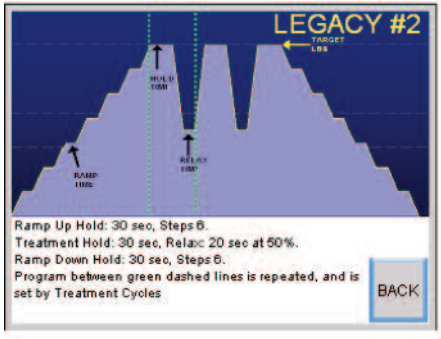
3.2.4.2.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.2.5 Elevation – pressing this button opens the Elevation Popup screen.

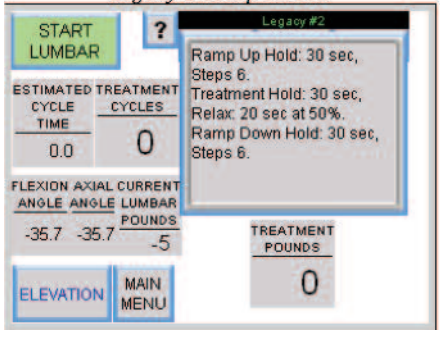
3.2.4.2.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.2.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.2.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.



Legacy 2 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.3 LEGACY #3

3.2.4.3.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.3.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.3.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

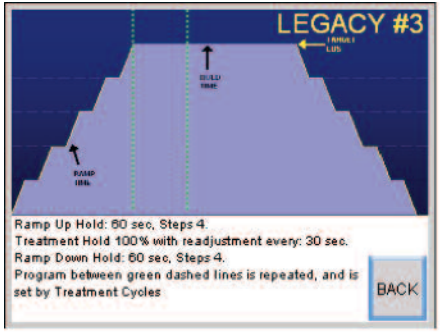
3.2.4.3.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.3.5 Elevation – pressing this button opens the Elevation Popup screen.

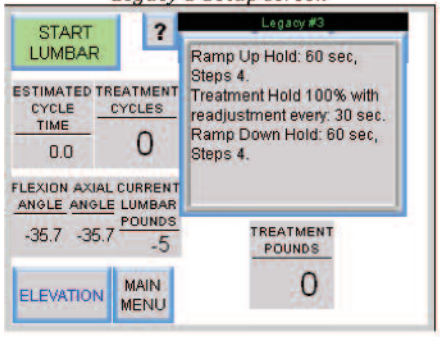
3.2.4.3.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.3.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.3.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.



Legacy 3 Setup screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.4 LEGACY #4

3.2.4.4.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.4.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.4.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

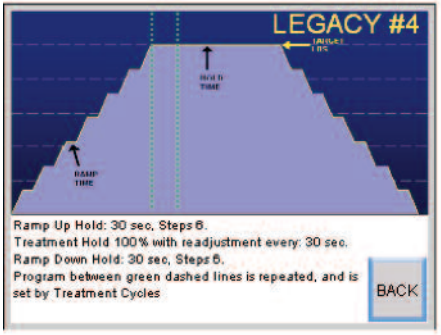
3.2.4.4.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.4.5 Elevation – pressing this button opens the Elevation Popup screen.

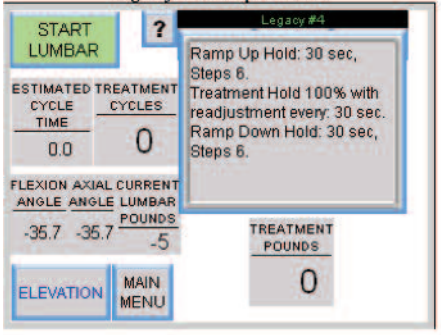
3.2.4.4.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.4.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.4.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.



Legacy 4 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.5 LEGACY #5

3.2.4.5.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.5.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.5.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

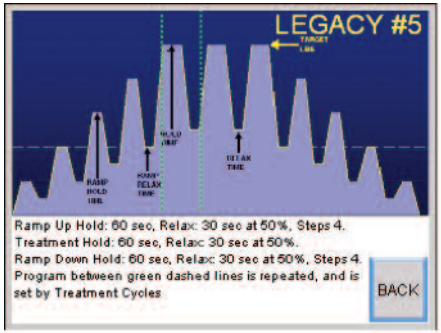
3.2.4.5.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.5.5 Elevation – pressing this button opens the Elevation Popup screen.

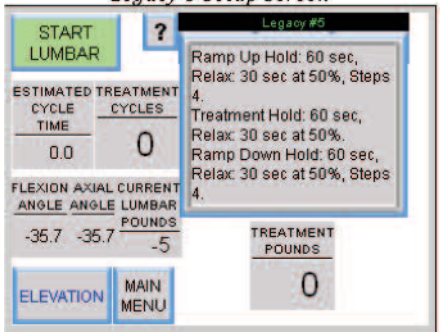
3.2.4.5.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.5.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.5.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.



Legacy 5 Setup Screen



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3.2.4.6 LEGACY #6

3.2.4.6.1 Start Lumbar – this button starts the Lumbar Treatment.

3.2.4.6.2 Lumbar Treatment Pounds – pressing this button opens the User Define Keypad to enter desired pounds.

3.2.4.6.3 Treatment cycles – pressing this button opens the User Define Keypad to enter Treatment cycles.

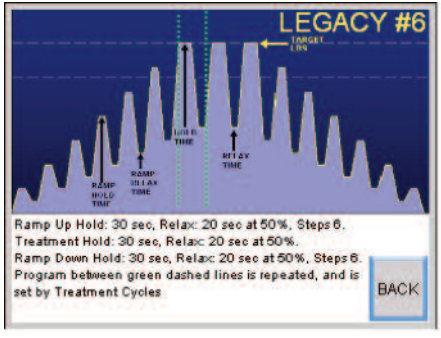
3.2.4.6.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.6.5 Elevation – pressing this button opens the Elevation Popup screen. being applied to the load cells.

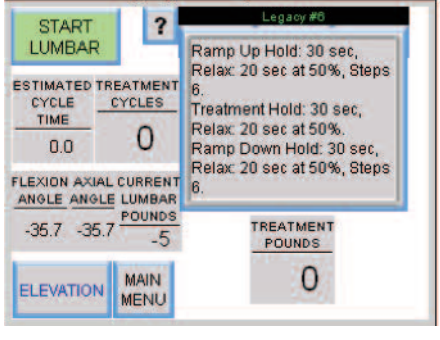
3.2.4.6.6 Flexion angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointing towards the floor.

3.2.4.6.7 Lumbar Axial Angle – displays the current angle of axial rotation. A negative number indicates the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.6.8 Lumbar Current Pounds – display of the current pounds that are being applied to the load cells.



Legacy 6 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.7 CUSTOM #7

This pattern is customizable. There can be up to 8 ramp up and 8 ramp down cycles, as well as 8 steps in a repeatable treatment cycle. Treatment pounds and number of treatment cycles can be set on start screen. Items that can be customized include: Ramp Up Pound Percentage, Ramp Up Slope, Ramp Up Hold Time. Treatment Pound Percentage, Treatment Slope, Treatment Hold Time. Ramp Down Pound Percentage, Ramp Down Slope, Ramp Down Hold Time.

3.2.4.7.1 Start Lumbar – pressing this button starts the Lumbar decompression[1] cycle.

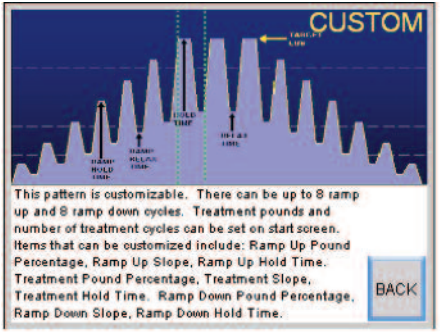
3.2.4.7.2 Treatment Pounds – pressing this button opens the User Define Key Pad. The treatment pounds can be entered from the User Define Key Pad.

3.2.4.7.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

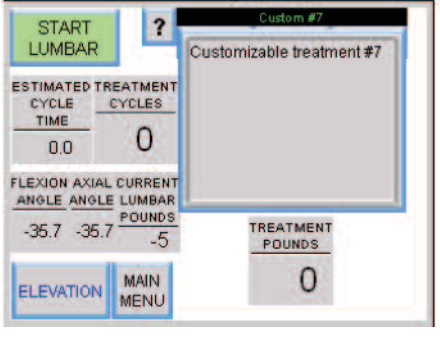
3.2.4.7.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time. Slope and hold time also affect cycle times.

3.2.4.7.5 Elevation – pressing this button opens the Elevation Popup screen.

3.2.4.7.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.



Customizable Decompression[1] Pattern



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.7.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.7.8 Main Menu – pressing this button returns you to the DOC Main Screen.

3.2.4.7.2 Treatment Pounds – pressing this button opens the User Define Key Pad. The treatment pounds can be entered from the User Define Key Pad.

3.2.4.7.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

3.2.4.7.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time. Slope and hold time also affect cycle times.

3.2.4.7.5 Elevation – pressing this button opens the Elevation Popup screen.

3.2.4.7.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.7.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.7.8 Main Menu – pressing this button returns you to the DOC Main Screen.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

SETTING PARAMETERS OF CUSTOM PROTOCOL

3.2.4.8 Setting parameters of custom protocol - The custom protocol is a very flexible option for patient treatment. The best way to program a treatment pattern is to sketch it out in a graph form. See Appendix A. for blank chart and table.

3.2.4.8.1 Hold time is set in .1 minute increments.
6 seconds = .1 minute = setting of 1
30 seconds = .5 minute = setting of 5
60 seconds = 1 minute = setting of 10

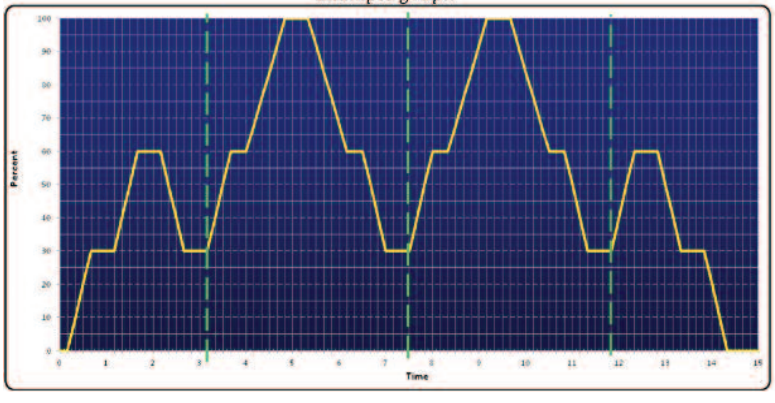
3.2.4.8.2 Pounds are set in 1 pound increments.

3.2.4.8.3 Slope is a calculated value that can be set from 1 to 9999, but a typical range to use for slope is 50-300.

3.2.4.8.3.1 Slope is the rate of rise over time. For example when pounds are changing from 0-50 lbs with a slope of 500 it will take 10 seconds to reach 50 lbs. Ignore negative values.

3.2.4.8.3.2 Formula for calculating slope:
(Finish Lbs – Start Lbs) / Time x 100 = Slope
Examples
Ramp 0 - 50 lbs over 30 seconds
(50 - 0) / 30 x 100 = 160 Slope
Ramp 30 - 60 lbs over 30 seconds
(60 – 30) / 30 x 100 = 100 Slope

Example graph



♦ In the example above:

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

SETTING PARAMETERS OF CUSTOM PROTOCOL

- **Ramp Up**
  - 1st step
  - Target of 30%.
  - Ramp from 0 to 30% over 30 sec.
  - (30 – 0) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- **2nd step**
  - Target of 60%.
  - Ramp of 30 to 60% over 30 sec.
  - (60 – 30) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- **3rd step**
  - Target of 30%.
  - Ramp from 60 to 30% over 30 sec.
  - (30 –630) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- **Treatment Cycle**. Shown on example graph as the portion between the green lines. In the example it is repeated, so treatment cycles would be set to 2 to achieve this.

- **1st step**
  - Target of 60%.
  - Ramp from 30 to 60% over 30 sec.
  - (60 – 30) / 30 x 100 = 100 Slope
  - Hold of 20 sec.
  - 20 seconds = .3 minute = enter setting of 3

- **2nd step**
  - Target of 100%.
  - Ramp of 60 to 100% over 50 sec.
  - (100 – 60) / 30 x 100 = 80 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- **3rd step**
  - Target of 60%.
  - Ramp from 100 to 60% over 50 sec.
  - (60 – 100) / 50 x 100 = 80 Slope
  - Hold of 20 sec.
  - 20 seconds = .3 minute = enter setting of 3

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

SETTING PARAMETERS OF CUSTOM PROTOCOL

- 4th step
  - Target of 30%.
  - Ramp from 60 to 30% over 30 sec.
  - (30 – 60) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- Ramp Down

- 1st step
  - Target of 60%.
  - Ramp from 30% to 60% over 30 sec.
  - (60 – 30) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- 2nd step
  - Target of 30%.
  - Ramp of 60 to 30% over 30 sec.
  - (30 –60) / 30 x 100 = 100 Slope
  - Hold of 30 sec.
  - 30 seconds = .5 minute = enter setting of 5

- 3rd step - Last step should take table back to 0, any other value will leave table at target value instead of releasing tension.
  - Target of 0%.
  - Ramp from 30 to 0% over 30 sec.
  - (0 – 30) / 30 x 100 = 100 Slope.
  - Hold of 0 sec.
  - 0 seconds = .0 minute = enter setting of 0

- Transfer values to chart. Unused values need to be set to 0. A slope of 0 will end processing of cycle. So the last step of each portion should be set to 0 if not using all 8 steps.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

EXAMPLE CHART

RAMP UP			RAMP UP		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
30	Step 1 percent	RPUPRCP END SP VALUE 1	0	Step 5 percent	RPUPRCP END SP VALUE 5
100	Step 1 slope	RPUPRCP RAMP SLOPE 1	0	Step 5 slope	RPUPRCP RAMP SLOPE 5
5	Step 1 hold time	RPUPRCP SOAK DURATION 1	0	Step 5 hold time	RPUPRCP SOAK DURATION 5
60	Step 2 percent	RPUPRCP END SP VALUE 2	0	Step 6 percent	RPUPRCP END SP VALUE 6
100	Step 2 slope	RPUPRCP RAMP SLOPE 2	0	Step 6 slope	RPUPRCP RAMP SLOPE 6
5	Step 2 hold time	RPUPRCP SOAK DURATION 2	0	Step 6 hold time	RPUPRCP SOAK DURATION 6
30	Step 3 percent	RPUPRCP END SP VALUE 3	0	Step 7 percent	RPUPRCP END SP VALUE 7
100	Step 3 slope	RPUPRCP RAMP SLOPE 3	0	Step 7 slope	RPUPRCP RAMP SLOPE 7
5	Step 3 hold time	RPUPRCP SOAK DURATION 3	0	Step 7 hold time	RPUPRCP SOAK DURATION 7
0	Step 4 percent	RPUPRCP END SP VALUE 4	0	Step 8 percent	RPUPRCP END SP VALUE 8
0	Step 4 slope	RPUPRCP RAMP SLOPE 4	0	Step 8 slope	RPUPRCP RAMP SLOPE 8
0	Step 4 hold time	RPUPRCP SOAK DURATION 4	0	Step 8 hold time	RPUPRCP SOAK DURATION 8

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

EXAMPLE CHART

TREATMENT			TREATMENT		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
60	Step 1 percent	TREATRCP END SP VALUE 1	0	Step 5 percent	TREATRCP END SP VALUE 5
100	Step 1 slope	TREATRCP RAMP SLOPE 1	0	Step 5 slope	TREATRCP RAMP SLOPE 5
3	Step 1 hold time	TREATRCP SOAK DURATION 1	0	Step 5 hold time	TREATRCP SOAK DURATION 5
100	Step 2 percent	TREATRCP END SP VALUE 2	0	Step 6 percent	TREATRCP END SP VALUE 6
80	Step 2 slope	TREATRCP RAMP SLOPE 2	0	Step 6 slope	TREATRCP RAMP SLOPE 6
5	Step 2 hold time	TREATRCP SOAK DURATION 2	0	Step 6 hold time T	REATRCP SOAK DURATION 6
60	Step 3 percent	TREATRCP END SP VALUE 3	0	Step 7 percent	TREATRCP END SP VALUE 7
80	Step 3 slope	TREATRCP RAMP SLOPE 3	0	Step 7 slope	TREATRCP RAMP SLOPE 7
3	Step 3 hold time	TREATRCP SOAK DURATION 3	0	Step 7 hold time	TREATRCP SOAK DURATION 7
30	Step 4 percent	TREATRCP END SP VALUE 4	0	Step 8 percent	TREATRCP END SP VALUE 8
100	Step 4 slope	TREATRCP RAMP SLOPE 4	0	Step 8 slope	TREATRCP RAMP SLOPE 8
5	Step 4 hold time	TREATRCP SOAK DURATION 4	0	Step 8 hold time	TREATRCP SOAK DURATION 8

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

EXAMPLE CHART

TRAMP DOWN			TRAMP DOWN		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
60	Step 1 percent	RPDNRCP END SP VALUE 1	0	Step 5 percent	RPDNRCP END SP VALUE 5
100	Step 1 slope	RPDNRCP RAMP SLOPE 1	0	Step 5 slope	RPDNRCP RAMP SLOPE 5
5	Step 1 hold time	RPDNRCP SOAK DURATION 1	0	Step 5 hold time	RPDNRCP SOAK DURATION 5
30	Step 2 percent	RPDNRCP END SP VALUE 2	0	Step 6 percentRPDNRCP END SP VALUE 6	
100	Step 2 slope	RPDNRCP RAMP SLOPE 2	0	Step 6 slope	RPDNRCP RAMP SLOPE 6
5	Step 2 hold time	RPDNRCP SOAK DURATION 2	0	Step 6 hold time	RPDNRCP SOAK DURATION 6
0	Step 3 percent	RPDNRCP END SP VALUE 3	0	Step 7 percent	RPDNRCP END SP VALUE 7
100	Step 3 slope	RPDNRCP RAMP SLOPE 3	0	Step 7 slope	RPDNRCP RAMP SLOPE 7
0	Step 3 hold time	RPDNRCP SOAK DURATION 3	0	Step 7 hold time	RPDNRCP SOAK DURATION 7
0	Step 4 percent	RPDNRCP END SP VALUE 4	0	Step 8 percent	RPDNRCP END SP VALUE 8
0	Step 4 slope	RPDNRCP RAMP SLOPE 4	0	Step 8 slope	RPDNRCP RAMP SLOPE 8
0	Step 4 hold time	RPDNRCP SOAK DURATION 4	0	Step 8 hold time	RPDNRCP SOAK DURATION 8

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.8.4 Transfer values to the computer.

3.2.4.8.4.1 Press the Edit recipes button on the automatic decompression[1] screen.

3.2.4.8.4.2 Screen opens to to viewing Recipie, press the button in the lower right corner to open up control panel.

3.2.4.8.4.3 Don't edit the legacy programs, using the arrow keys scroll down to Custom #1

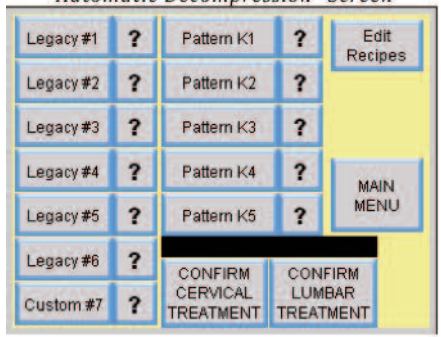
3.2.4.8.4.4 Press the edit button to allow for editing of the parameters.

3.2.4.8.4.5 To change the parameters press on the number you would like to change and a User Define Key Pad will open to allow for setting of values. Verify each number is correct before continuing.

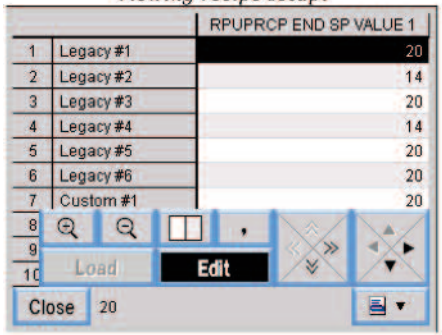
3.2.4.8.4.6 Use the arrows to move to next cell. Verify name of setting is correct before editing

3.2.4.8.4.7 Unused values must be set to 0

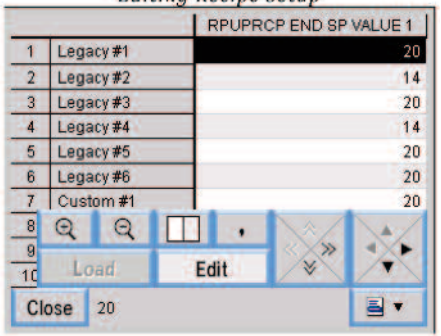
Automatic Decompression[1] Screen



Viewing recipe setup.



Editing Recipe Setup



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.9 PATTERN K1

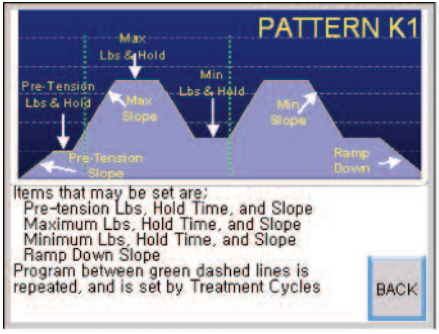
3.2.4.9.1 Start Lumbar – pressing this button starts the Lumbar decompression[1] cycle.

3.2.4.9.2 ? – displays a visual representation of the pattern.

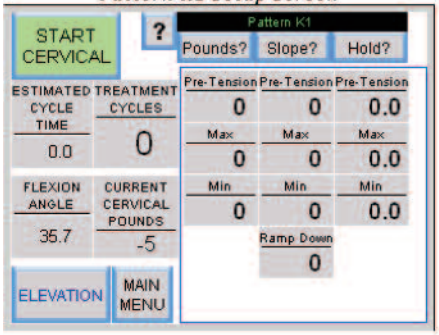
3.2.4.9.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

3.2.4.9.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.9.5 Elevation – pressing this button opens the Elevation Popup screen.



Pattern K1 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.9.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.9.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.9.8 Main Menu – pressing this button returns you to the DOC Main Screen.

3.2.4.9.9 Pre-tension pounds – target pounds of the first step in this patterns cycle. Pressing this display will open the User Define Key Pad. Pounds can be entered from the User Define Key Pad.

3.2.4.9.10 Pre-tension slope – rate at which the motor and PLC move to the next target pounds. Pressing this display will open the User Define Key Pad. Slope can be entered from the User Define Key Pad.

3.2.4.9.11 Pre-tension hold – is the length of time that the tension will be maintained for. Hold time is in .1 minute increments. Pressing this display will open the User Define Key Pad. Hold can be entered from the User Define Key Pad.

3.2.4.9.12 Max pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.9.13 Max slope – rate at which the motor and PLC move to the max pounds.

3.2.4.9.14 Max hold – time the tension is maintained at max pounds.

3.2.4.9.15 Min pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.9.16 Min slope – rate at which the motor and PLC move to the min pounds.

3.2.4.9.17 Min hold – time the tension is maintained at min pounds.

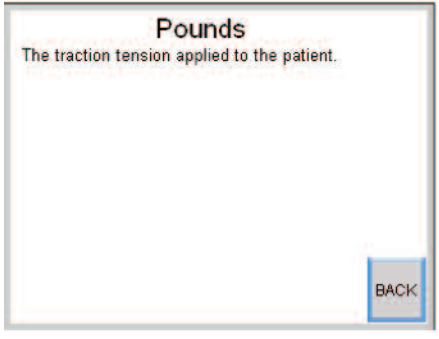
3.2.4.9.18 Ramp down slope – Rate at which the motor and PLC return to 0 pounds following treatment.

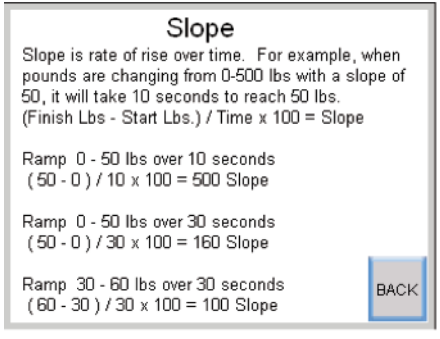
3.2.4.9.19 Pounds? – press to display menu describing the pound settings.

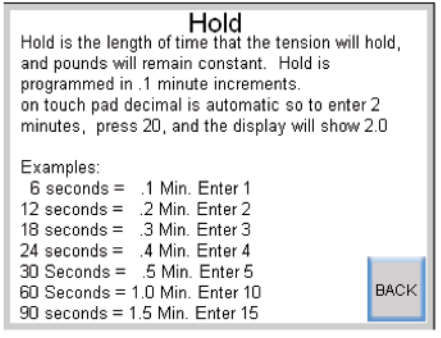
[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.9.20 Slope? – press to display screen describing the slope settings.

3.2.4.9.21 Hold? – press to display screen describing the hold settings







[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.10 PATTERN K2

3.2.4.10.1 Start Lumbar – pressing this button starts the Lumbar decompression[1] cycle.

3.2.4.10.2 ? – displays a visual representation of the pattern.

3.2.4.10.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

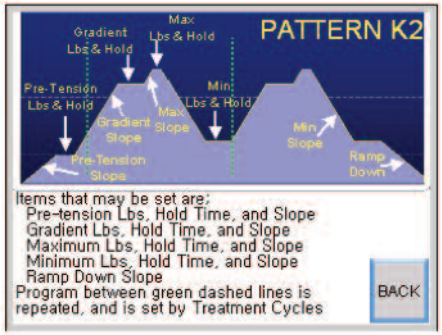
3.2.4.10.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.10.5 Elevation – pressing this button opens the Elevation Popup screen.

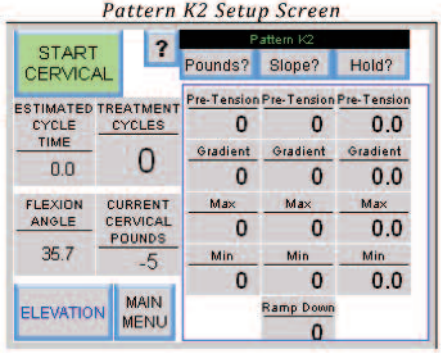
3.2.4.10.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.10.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.10.8 Main Menu – pressing this button returns you to the DOC Main Screen.



Pattern K2 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.10.9 Pre-tension pounds – target pounds of the first step in this patterns cycle. Pressing this display will open the User Define Key Pad. Pounds can be entered from the User Define Key Pad.

3.2.4.10.10 Pre-tension slope – rate at which the motor and PLC move to the next target pounds. Pressing this display will open the User Define Key Pad. Slope can be entered from the User Define Key Pad.

3.2.4.10.11 Pre-tension hold – is the length of time that the tension will be maintained for. Hold time is in .1 minute increments. Pressing this display will open the User Define Key Pad. Hold can be entered from the User Define Key Pad.

3.2.4.10.12 Gradient pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.10.13 Gradient slope – rate at which the motor and PLC move to the gradient pounds.

3.2.4.10.14 Gradient hold – time the tension is maintained at gradient pounds

3.2.4.10.15 Max pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.10.16 Max slope – rate at which the motor and PLC move to the max pounds.

3.2.4.10.17 Max hold – time the tension is maintained at max pounds.

3.2.4.10.18 Min pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.10.19 Min slope – rate at which the motor and PLC move to t he min pounds.

3.2.4.10.20 Min hold – time the tension is maintained at min pounds.

3.2.4.10.21 Ramp down slope – Rate at which the motor and PLC return to 0 pounds following treatment.

3.2.4.10.22 Pounds? – press to display menu describing the pound settings.

3.2.4.10.23 Slope? – press to display screen describing the slope settings.

3.2.4.10.24 Hold? – press to display screen describing the hold settings

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.11 PATTERN K3

3.2.4.11.1 Start Lumbar – pressing this button starts the Lumbar decompression[1] cycle.

3.2.4.11.2 ? – displays a visual representation of the pattern.

3.2.4.11.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

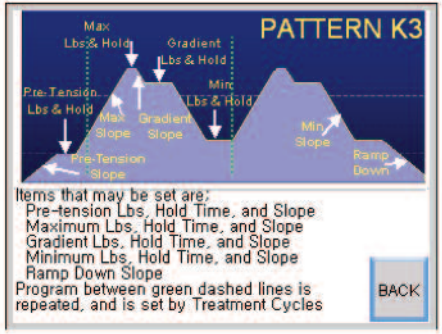
3.2.4.11.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.11.5 Elevation – pressing this button opens the Elevation Popup screen.

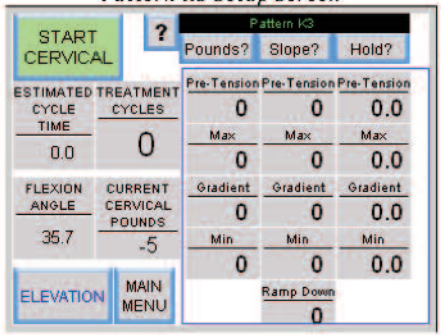
3.2.4.11.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.11.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.11.8 Main Menu – pressing this button returns you to the / DOC Main Screen.



Pattern K3 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.11.9 Pre-tension pounds – target pounds of the first step in this patterns cycle. Pressing this display will open the User Define Key Pad. Pounds can be entered from the User Define Key Pad.

3.2.4.11.10 Pre-tension slope – rate at which the motor and PLC move to the next target pounds. Pressing this display will open the User Define Key Pad. Slope can be entered from the User Define Key Pad.

3.2.4.11.11 Pre-tension hold – is the length of time that the tension will be maintained for. Hold time is in .1 minute increments. Pressing this display will open the User Define Key Pad. Hold can be entered from the User Define Key Pad.

3.2.4.11.12 Max pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.11.13 Max slope – rate at which the motor and PLC move to the max pounds.

3.2.4.11.14 Max hold – time the tension is maintained at max pounds.

3.2.4.11.15 Gradient pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.11.16 Gradient slope – rate at which the motor and PLC move to the gradient pounds.

3.2.4.11.17 Gradient hold – time the tension is maintained at gradient pounds

3.2.4.11.18 Min pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.11.19 Min slope – rate at which the motor and PLC move to the min pounds.

3.2.4.11.20 Min hold – time the tension is maintained at min pounds.

3.2.4.11.21 Ramp down slope – Rate at which the motor and PLC return to 0 pounds following treatment.

3.2.4.11.22 Pounds? – press to display menu describing the pound settings.

3.2.4.11.23 Slope? – press to display screen describing the slope settings.

3.2.4.11.24 Hold? – press to display screen describing the hold settings.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.12 PATTERN K4

3.2.4.12.1 Start Lumbar – pressing this button starts the Lumbar decompression1 cycle.

3.2.4.12.2 ? – displays a visual representation of the pattern.

3.2.4.12.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

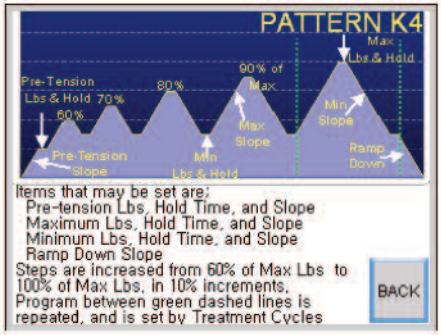
3.2.4.12.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.12.5 Elevation – pressing this button opens the Elevation Popup screen.

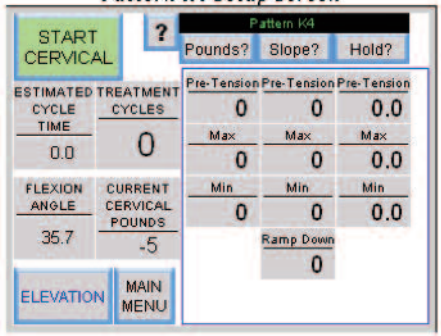
3.2.4.12.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.12.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.12.8 Main Menu – pressing this button returns you to the DOC Main Screen.



Pattern K4 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.12.9 Pre-tension pounds – target pounds of the first step in this patterns cycle. Pressing this display will open the User Define Key Pad. Pounds can be entered from the User Define Key Pad.

3.2.4.12.10 Pre-tension slope – rate at which the motor and PLC move to the next target pounds. Pressing this display will open the User Define Key Pad. Slope can be entered from the User Define Key Pad.

3.2.4.12.11 Pre-tension hold – is the length of time that the tension will be maintained for. Hold time is in .1 minute increments. Pressing this display will open the User Define Key Pad. Hold can be entered from the User Define Key Pad.

3.2.4.12.12 Max pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.12.13 Max slope – rate at which the motor and PLC move to the max pounds.

3.2.4.12.14 Max hold – time the tension is maintained at max pounds.

3.2.4.12.15 Min pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.12.16 Min slope – rate at which the motor and PLC move to the min pounds.

3.2.4.12.17 Min hold – time the tension is maintained at min pounds.

3.2.4.12.18 Ramp down slope – Rate at which the motor and PLC return to 0 pounds following treatment.

3.2.4.12.19 Pounds? – press to display menu describing the pound settings.

3.2.4.12.20 Slope? – press to display screen describing the slope settings.

3.2.4.12.21 Hold? – press to display screen describing the hold settings.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.13 PATTERN K5

3.2.4.13.1.1 Start Lumbar – pressing this button starts the Lumbar decompression[1] cycle.

3.2.4.13.1.2 ? – displays a visual representation of the pattern.

3.2.4.13.1.3 Treatment cycles – pressing this button opens the User Define Key Pad. Treatment cycles can be entered from the User Define Key Pad.

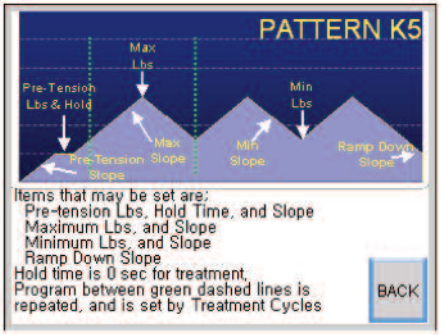
3.2.4.13.1.4 Estimated cycle time – display's the calculated treatment time, based upon treatment parameters including weight and treatment cycles. Increasing either of these parameters, will increase the estimated cycle time.

3.2.4.13.1.5 Elevation – pressing this button opens the Elevation Popup screen.

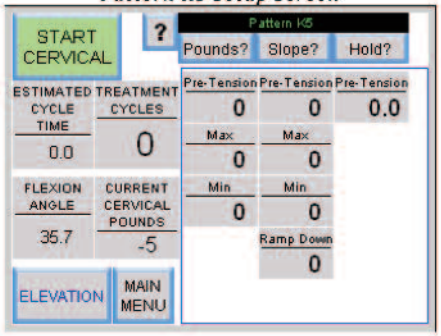
3.2.4.13.1.6 Flexion Angle – this button displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

3.2.4.13.1.7 Lumbar Axial Angle – this button displays the current angle of axial rotation. A negative number indicated the table is rotated counter-clockwise. A positive number indicates the table is rotated clockwise.

3.2.4.13.1.8 Main Menu – pressing this button returns you to the DOC Main Screen.



Pattern K5 Setup Screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.2.4.13.1.9 Pre-tension pounds – target pounds of the first step in this patterns cycle. Pressing this display will open the User Define Key Pad. Pounds can be entered from the User Define Key Pad.

3.2.4.13.1.10 Pre-tension slope – rate at which the motor and PLC move to the next target pounds. Pressing this display will open the User Define Key Pad. Slope can be entered from the User Define Key Pad.

3.2.4.13.1.11 Pre-tension hold – is the length of time that the tension will be maintained for. Hold time is in .1 minute increments. Pressing this display will open the User Define Key Pad. Hold can be entered from the User Define Key Pad.

3.2.4.13.1.12 Max pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.13.1.13 Max slope – rate at which the motor and PLC move to the max pounds.

3.2.4.13.1.14 Min pounds – the pounds that the table will hold tension at during this portion of the cycle.

3.2.4.13.1.15 Min slope – rate at which the motor and PLC move to the min pounds.

3.2.4.13.1.16 Ramp down slope – Rate at which the motor and PLC return to 0 pounds following treatment.

3.2.4.13.1.17 Pounds? – press to display menu describing the pound settings.

3.2.4.13.1.18 Slope? – press to display screen describing the slope settings.

3.2.4.13.1.19 Hold? – press to display screen describing the hold settings.

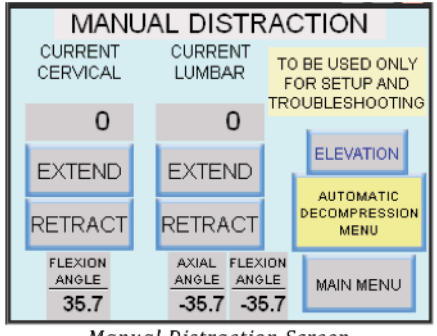
3.2.4.13.1.20 STOP – pressing the STOP button stops all movement of the decompression1 table.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

MANUAL DISTRACTION MENU

3.3 Manual Distraction Menu – pressing this button takes you to the manual distraction screen. From this screen you are able to manually extend and retract the cervical and lumbar motors.

CAUTION: The Manual Distraction Mode is NOT meant for treatment. Manual Distraction Mode is used for troubleshooting and setup.



Manual Distraction Screen

3.3.1 Current Cervical Pounds – displays the pounds of force that the cervical head piece is applying to the patient.

3.3.2 Current Lumbar Pounds – displays the pounds of force that the lumbar is applying to the patient.

3.3.3 Cervical Extend – pressing this button moves the cervical head piece out.

3.3.4 Cervical Retract – pressing this button moves the cervical head piece in.

3.3.5 Cervical Flexion Angle – displays the current angle of cervical flexion.
A negative number indicates the end of the table is pointing skyward.
A positive number indicates the end of the table is pointed towards the floor.

3.3.6 Lumbar Extend – pressing this button moves the lumbar piece out.

3.3.7 Lumbar Retract – pressing this button move the lumbar piece in.

3.3.8 Lumbar Axial Angle – displays the current angle of the axial rotation.
A negative number indicates the table is rotated counter-clockwise.
A positive number indicates the table is rotated clockwise.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.3.9 Lumbar Flexion Angle – displays the current angle of the lumbar flexion. A negative number indicates the end of the table is pointing skyward. A positive number indicates the end of the table is pointed towards the floor.

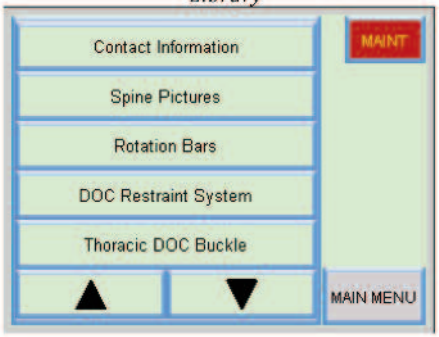
3.3.10 Elevation – pressing this button opens the Elevation Popup screen.

3.3.11 Automatic Decompression1 Menu – pressing this button opens the Suggested Decompression1 Patterns Selection screen.

3.3.12 Main Menu – pressing this button returns you to the DOC Main Screen.

3.4 Library – pressing this button takes you to the Library. You will find important reference material in the library. The library contains information on table operation, belting and technical support. Access to the Maintenance Screen is also located in the Library Screen.

Library

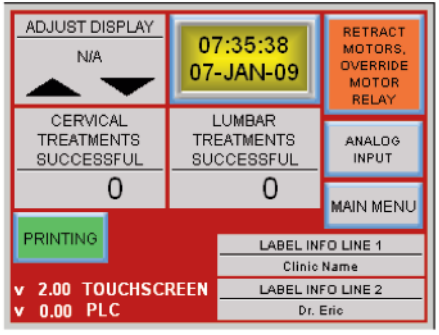


Contact Information

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.4.1 Maint Button – this button opens the Maintenance screen.

Maintenance Screen 1



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.4.2 Adjust Display – pressing the up and down arrows will adjust contrast on the screen making it easier to read.

3.4.2.1 Date and Time – display of the date and time. Current date is set inside the touch screen setup menu, and is only used for printing on labels.

3.4.2.2 Cervical Treatments Successful - this displays the number of cervical treatments the DOC table has completed successfully.

3.4.2.3 Lumbar Treatments Successful - this displays the number of lumbar treatments the DOC table has completed successfully.

3.4.2.4 Test Printer \ Printing - pressing this button prints a test label including the PLC Revision and number of successful cervical and lumbar treatments.

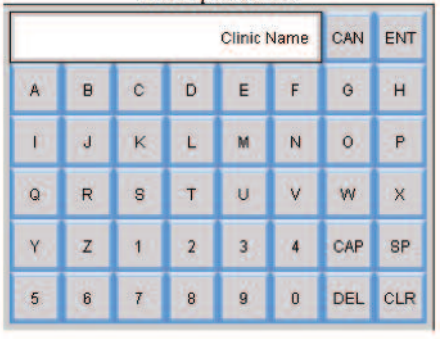
3.4.2.5 Retract Motors, Override Motor Relay – pressing and holding this button forces both distraction motors to retract following an overload.

3.4.2.6 Analog Input – pressing this button opens the Analog Input Screen.

3.4.2.7 Touch screen and PLC revision – shows the current revision levels.

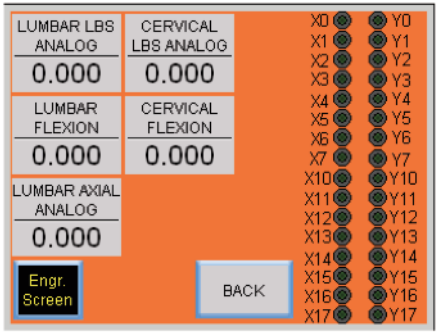
3.4.2.8 Label info line 1 & 2 – press display to enter text that will be printed out on label.

Text input screen



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

CONTROL PANEL SCREENS



- Lumbar LBS Analog – displays the analog signal from the load cell to the PLC.
  - .1v=0lbs 5v=250lbs
- Cervical LBS Analog – displays the analog signal from load cell to the PLC.
  - .1v=0lbs 5v=250lbs
- Lumbar Flexion – displays the analog signal from the lumbar inclinometer.
  - .33v=-30 degrees 2.5v=0 degrees 4.56v=30 degrees
- Cervical Flexion – displays the analog axial signal from the cervical inclinometer.
  - .33v=-30 degrees 2.5v=0 degrees 4.56v=30 degrees
- Lumbar Axial Analog – displays the analog axial signal from the lumbar inclinometer.

- .33v=-30 degrees 2.5v=0 degrees 4.56v=30 degrees

Inputs X0 Thru X23

- X0- Patient Stop Switch. Pressing the patient stop switch will toggle this input on and off. This can be used to test the stop switch.
- X1-X3 – Unused.
- X4-Elevation up from the optional footswitch. Pressing the up on the optional elevation footswitch will toggles this input on and off.
- X5- Elevation down from the optional footswitch. Pressing the down on the optional elevation footswitch will toggle this input on and off.
- X6- Flexion up from the optional footswitch. Pressing the up on the optional flexion footswitch toggles this input on and off.
- X7- Flexion down from the optional footswitch. Pressing the down on the optional flexion footswitch toggles this input on and off.
- X10-X23 are unused.

- Outputs Y0 Thru Y17

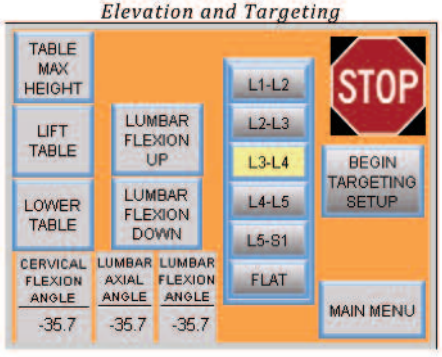
[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

- Y0- Motor extend. When the PLC signals the motors to extend this output is on.
- Y1- Motor retract. When the PLC signals the motors to retract this output is on.
- Y2-Y3 – Unused.
- Y4- Lift up. When the PLC signals the lift column to extend this output is on.
- Y5- Lift down. When the PLC signals the lift column to retract this output is on.
- Y6- Flexion up. When the PLC signals the flexion to extend this output is on.
- Y7- Flexion down. When the PLC signals the flexion to retract this output is on.
- Y10 – Cervical motor. When the PLC signals, a relay energizes to select the cervical motor.
- Y11 – Lumbar motor. When the PLC signals, a relay energizes to select the lumbar motor.
- Y12-Y17 are unused.

3.4.2.9 Engr. Screen – Screen to be only used by or under the direction of Pivotal Health technical support. Screen is password protected.

3.4.2.10 Main Menu – this button take you back to the DOC Main Screen.

3.5 Elevation and Targeting – pressing this button takes you to the Elevation and Targeting Screen. From this screen you are able to put the table to maximum height and target specific section of the spine with a touch of a couple buttons. You can also manually adjust the elevation and targeting angles



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

CONTROL PANEL SCREENS

WARNING: BEFORE FLEXING THE LUMBAR SECTION OF THE TABLE DOWNWARD ENSURE THE TABLE IS AT MAXIMUM HEIGHT.

3.5.1 Table Max Height – elevates the table to the maximum height.

3.5.2 Lift Table – elevates the table while you are holding/pressing on the button.

3.5.3 Lower Table – lowers the table while you are holding/pressing on the button.

3.5.4 Lumbar Flexion Up – pressing this button flexes the lumbar upward.

3.5.5 Lumbar Flexion Down – pressing this button flexes the lumbar downward

3.5.6 Targeting buttons - CAUTION - The following angles are only a suggested starting point. Angle may need to be adjusted based on the patient's body type and height.

- L1-L2 – pressing this button highlights it for setup.
- L1-L2 targets the disc between Lumbar Vertebrae 1 and 2.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.
- L2-L3 – pressing this button highlights it for setup.
- L2-L3 targets the disc between Lumbar vertebrae 2 and 3.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.
- L3-L4 – pressing this button highlights it for setup.
- L3-L4 targets the disc between Lumbar vertebrae 3 and 4.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.
- L4-L5 – pressing this button highlights it for setup.
- L4-L5targets the disc between Lumbar vertebrae 4 and 5.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.
- L5-S1 – pressing this button highlights it for setup.
- L5-S1 targets the disc between Lumbar vertebrae 5 and Sacral Vertebrae 1.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.
- Flat – pressing his button highlights it for setup.
- Flat returns the lumbar portion of the table to a horizontal position.
- The table will not move to the selected angles until the Begin Targeting Setup Button is pressed.

3.5.7 Begin Targeting Setup – pressing this button moves the lumbar flexion to the highlighted target position.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

3.5.8 Main Menu – pressing this button returns you to the DOC Main Screen

3.5.9 Cervical Flexion Angle – displays the current angle of Cervical Flexion.
A negative number indicates the end of the table is pointing skyward.
A positive number indicates the end of the table is pointed towards the floor.

3.5.10 Lumbar Axial Angle – displays the current angle of the axial rotation.
A negative number indicates the table is rotated counter-clockwise.
A positive number indicates the table is rotated clockwise.

3.5.11 Lumbar Flexion Angle – displays the current angle of the lumbar flexion.
A negative reading indicates the end of the table is pointing skyward.
A positive reading indicates the end of the table is pointed towards the floor.

3.5.12 STOP - The Patient Stop Switch is used to stop the table during any motion.
The button on the screen as well as the patient stop button will stop the table immediately when it is in motion

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

ELEVATION AND POPUP

3.6 Elevation and popup

3.6.2 Lift Table – elevates the table while you are holding/pressing on the button.

3.6.3 Lower Table – lowers the table while you are holding/pressing on the button.

3.6.4 Lumbar Flexion Up – pressing this button flexes the lumbar upward.

3.6.5 Lumbar Flexion Down – pressing this button flexes the lumbar downward.

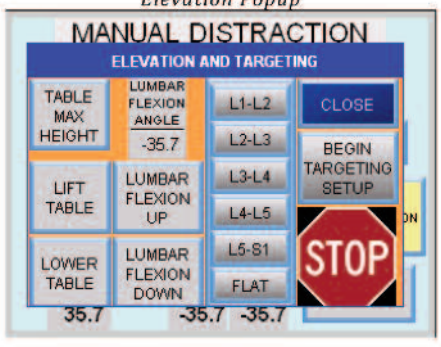
3.6.6 Close – this button closes the Elevation Popup Screen.

3.6.7 STOP

3.6.8 The Patient Stop Switch is used to stop the table during any motion. The button on the screen as well as the patient stop button will stop the table immediately when it is in motion.

3.7 User Define Keypad – this screen is used to enter treatment times, treatment pounds and other user defined fields.

Elevation Popup



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

USER DEFINE KEYPAD

3.7.1 Number Pad – pressing any of the 0-9 key loads that number into the Dynamic Text box.

3.7.2 Dynamic Text – displays the number pad entries

3.7.3 Minimum Dynamic Text – displays the minimum limit of the parameter being edited.

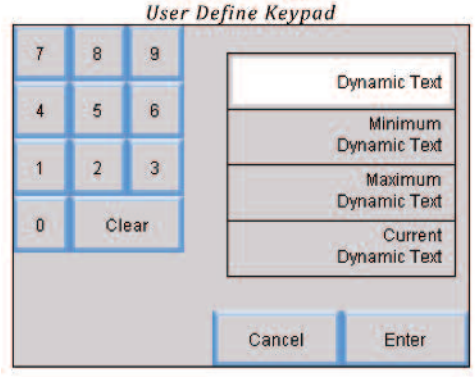
3.7.4 Maximum Dynamic Text – displays the maximum limit of the parameter being edited.

3.7.5 Current Dynamic Text – is the current saved data.

3.7.6 Cancel – pressing this button cancel the editing process and closes the window. The current Dynamic Test stays the same.

3.7.7 Enter – pressing this button loads the Dynamic Text into memory.

3.7.8 Current Dynamic text stays the same. If the number entered is out of range a message will be displayed indicating Entry too high, or Entry too low. Enter a valid number and try again



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC CERVICAL DECOMPRESSION[1]

4.0 Automatic Cervical Decompression[1]

4.1 From the Main DOC Screen select the Automatic Decompression[1] Menu button. The Pattern Screen will open.

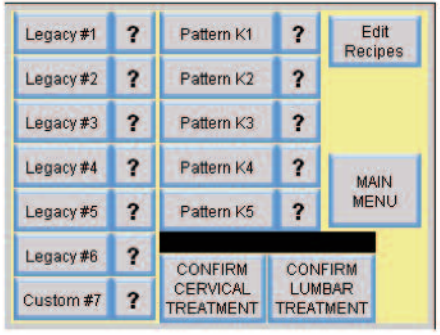
4.2 Select your desired pattern by pressing the pattern button.

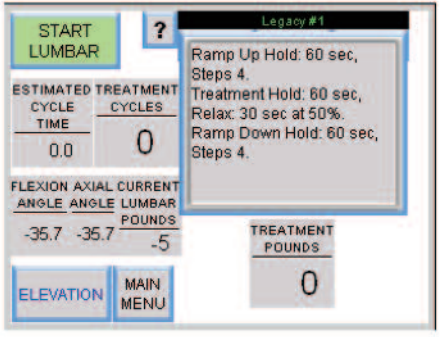
4.2.1 For a graphical representation of each pattern, press the "?" button next to each pattern. For detailed information about each pattern please see the pattern section of this manual.

4.2.2 Once you press the Pattern button, the PLC loads your pattern into memory and displays the name in the text box.

4.3 Press the Confirm Cervical Treatment button. The Cervical Decompression[1] Setup screen will open

4.4 Press the Treatment Pounds button. The User Define Keypad will open.





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

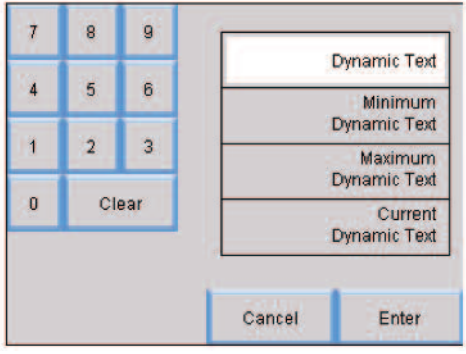
AUTOMATIC CERVICAL DECOMPRESSION[1]

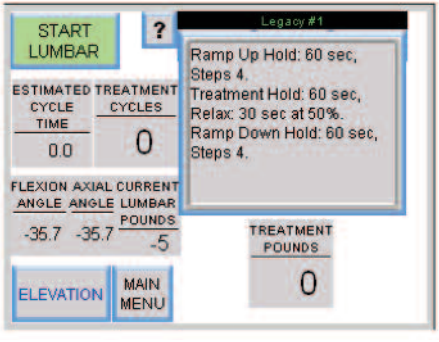
4.4.1 Enter the desired treatment pounds by pressing the keypad numbers.

4.4.1.1 Take note of the minimum and maximum dynamic text display boxes. The current poundage entered will be displayed in the current Dynamic Text box.

4.4.2 Press Enter once you have typed in an allowable amount. You will be returned to the Cervical Decompression1 Setup screen.

4.5 Press the Treatment cycles button. The User Define Keypad will open.





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC CERVICAL DECOMPRESSION[1]

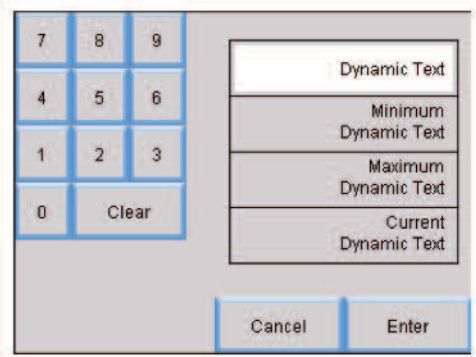
4.5.1 Enter the Treatment cycles by pressing the keypad numbers.

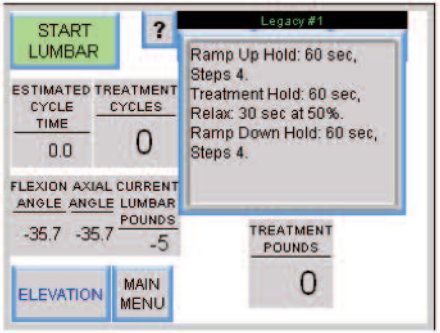
4.5.1.1 Take note of the minimum and maximum dynamic text display boxes. The current poundage entered will be displayed in the current Dynamic Text box.

4.5.2 Press Enter once you have typed in an allowable amount. You will be returned to the Cervical Decompression[1] Setup screen.

4.6 Secure the patient.

CAUTION: REMOVE TORACIC STRAPPING BUCKLE BRACKET BEFORE DOING CERVICAL DECOMPRESSION[1].





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC CERVICAL DECOMPRESSION[1]

4.6.1 Hold cervical capture system against back of patient's head. Adjust rubber cervical captures in or out to fit patient's occiput.

4.6.2 For larger neck and head sizes, there is a neck cushion included with the cervical restraint; this can be removed to get a proper fit where the capture blocks should be slightly below the occiput on each side.

4.6.3 Plug cervical capture system into headpiece socket located in the center of the adjustable face cushions.

4.6.4 Unbuckle cervical restraint strap.

4.6.5 Lay patient supine on the DOC. Adjust the patient so they can place their head comfortably on the gray cushion. Patient may have to slide up or down on the table to achieve this.

4.6.6 Make sure cervical capture blocks make contact snugly with the occiput.

4.6.7 The capture blocks should be slightly below the occiput on each side. The capture blocks will contact the patient's occiput during cervical decompression[1].

4.6.8 When the cervical capture blocks have firmly contacted the occiput, place the restraining strap across the forehead and Velcro snuggly but comfortably in place.

4.6.9 Angle of cervical head piece can be adjusted using Mechlock control at the head of the table. With both hands hold onto the handles firmly. Depress the thumb switch, and adjust angle to desired / prescribed treatment angle.

4.6.10 Use pillows or knee bolster in the lower extremities as desired for patient comfort.

4.6.11 Additional Tips:

4.6.11.1 Insist that the patient lay still. Movement can cause the straps to slip.

4.6.11.2 If straps slip on the patient and the target pounds are not being reached on the screen, press the stop button and allow table to reset (patient may have to get off of table). Reattach belts per above procedure, and restart treatment cycle.

4.6.11.3 Insist that the patient lay still. Movement can cause the straps to slip.

4.6.12 If straps slip on the patient and the target pounds are not being reached on the screen, press the stop button and allow table to reset (patient may have to get off of table). Reattach belts per above procedure, and restart treatment cycle.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC CERVICAL DECOMPRESSION[1]

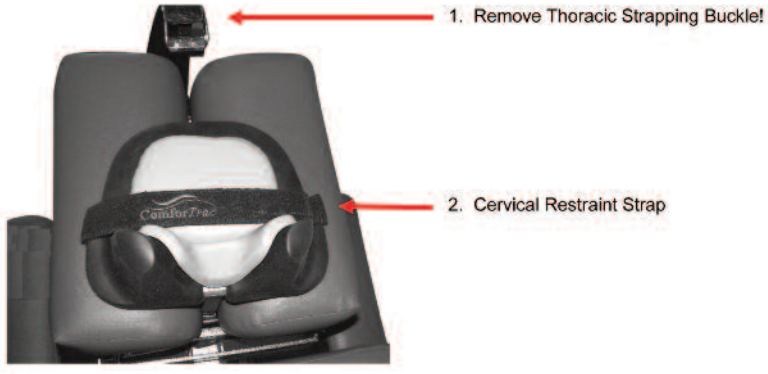
4.7 Ensure patient has access to the Patient Stop Switch and has been instructed on emergency stop procedures.

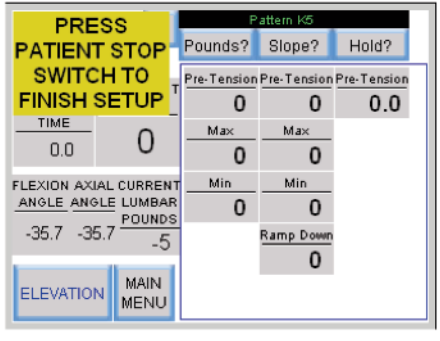
4.8 For safety, patient stop switch must be pressed before starting the treatment. See note on image above, after pressing the patient stop switch, the note will be removed.

4.9 Current Cervical pounds should be less than 4 pounds before starting the treatment, if not, adjust patient so pounds are below 4.

4.10 Set and verify treatment parameters. Double check pounds to be applied to patient are correct

4.11 Press the START CERVICAL button.





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC CERVICAL DECOMPRESSION[1]

4.11.1 After pressing the START CERVICAL button the cervical treatment running screen appears.

4.12 If the STOP button is pressed, the Cervical Treatment Stopped Early screen appears.

4.13 Release the patient from the Cervical Capture system by releasing the Velcro strap.

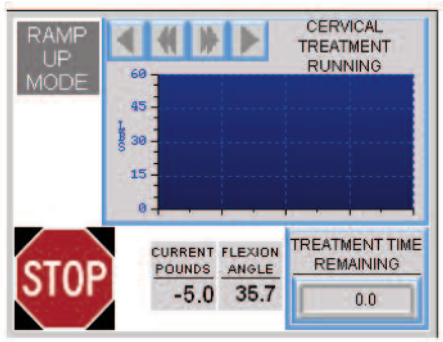
4.14 Return table to flat position, and lower to lowest position.

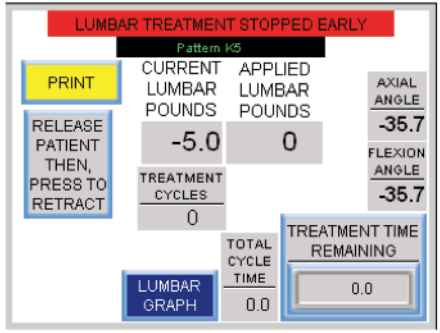
4.15 Help the patient sit up on center cushion. The patient should sit on the cushion for a minute or two to regain their bearings. Assist them to the standing position.

4.16 If you wish to have a print out for records and you have the optional printer, press the PRINT button. Wait for the printer to finish.

4.17 Press the RELEASE PATIENT THEN, PRESS TO RETRACT button.

4.18 The cervical will retract to home position.

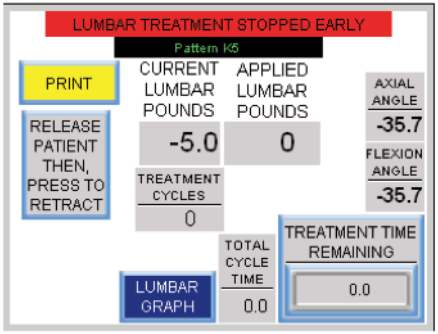




[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

4.19 To return to the Cervical Treatment screen, press the RETURN TO CERVICAL TREATMENT SCREEN button.



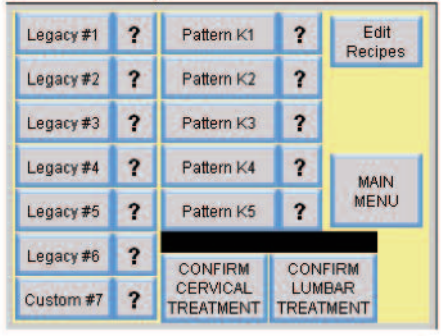
5.0 Automatic Lumbar Decompression[1]

5.1 From the Main DOC Screen select the Automatic Decompression[1] Menu button. The Pattern Screen will open.

5.2 Select your desired pattern by pressing the pattern # button.

5.2.1 For a graphical representation of each pattern, press the ? button next to each pattern.

5.2.2 Once you press the Pattern # button, the PLC loads your pattern into memory and displays the name in the text box. In the screen shot above, Pattern #1 has been loaded into the PLC.



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

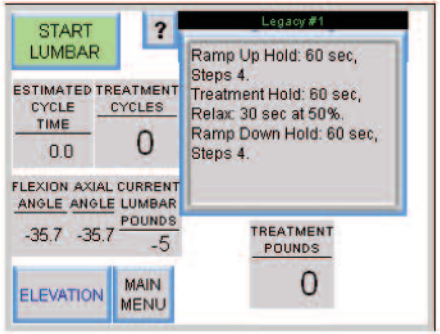
5.3 Press the Confirm Lumbar Treatment button. The Lumbar Decompression[1] Setup screen will open.

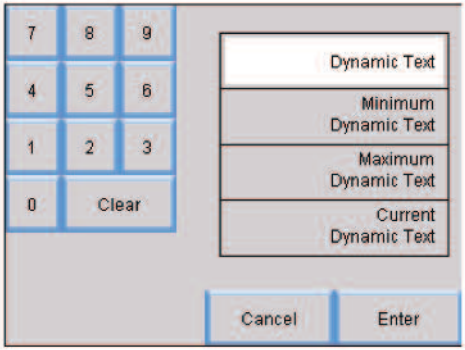
5.4 Press the Treatment Pounds button. The User Define Keypad will open.

5.4.1 Enter the desired treatment pounds by pressing the keypad numbers.

5.4.1.1 Take note of the minimum and maximum dynamic text display boxes. The current poundage entered will be displayed in the current Dynamic Text box.

5.4.2 Press Enter once you have typed in an allowable amount. You will be returned to the Lumbar Decompression[1] Setup screen.





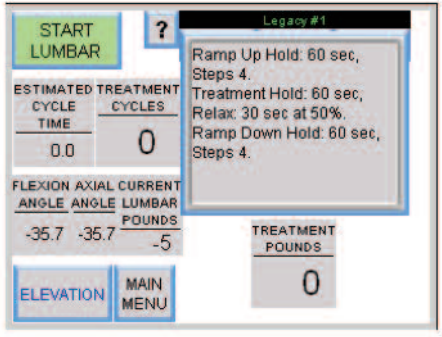
[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

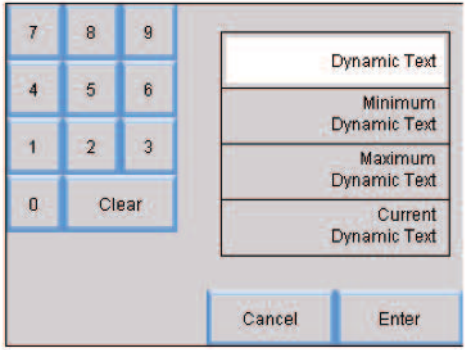
AUTOMATIC LUMBAR DECOMPRESSION[1]

5.5 Press the Treatment cycles button. The User Define Keypad will open.

5.5.1 Enter the Treatment cycles by pressing the keypad numbers. Take note of the minimum and maximum dynamic text display boxes. The current poundage entered will be displayed in the current Dynamic Text box.

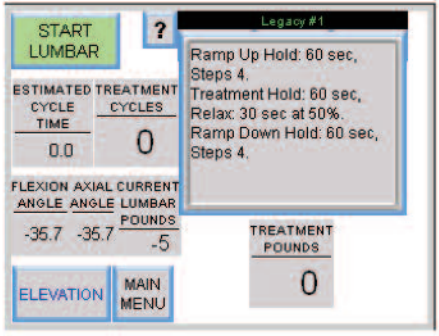
5.5.2 Press Enter once you have typed in an allowable amount. You will be returned to the Lumbar Decompression1 Setup screen.





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]



WARNING: BEFORE FLEXING THE LUMBAR SECTION OF THE TABLE DOWNWARD, ENSURE THE TABLE IS AT MAXIMUM HEIGHT.

5.6 Remove the cervical restraint before performing lumbar decompression[1].

5.7 Both prone and supine decompression1 can be performed on the DOC table.

5.8 Prone treatment differs from the supine treatment as follows.

5.8.1 Prone treatment may be a better option if the patient is uncomfortable in flexion or in the supine position, or if symptoms are reduced in extension or in the prone position.

5.8.2 When treating prone a pillow may be needed to cover the thoracic strap buckle, as it may be situated in the patients face while they are prone.

5.8.3 The lumbar belt should be situated above the lumbosacral junction.

5.8.4 The thoracic belt should be positioned around the ribcage based on patient comfort.

5.9 Prepare the DOC Strapping System.

5.9.1 Insert Lumbar and Thoracic belt post into receptacles at each end of the table and tighten lock handle to secure.

5.9.2 First, lay both restraint belts on the table so the soft padded side faces up and the rough canvas side is lying on the table.

5.9.3 Placement of Thoracic Belt: bottom of the thoracic belt should be placed approximately 1-2 inches from the bottom of the thoracic cushion.

5.9.4 Placement of Lumbar Belt: the lumbar belt should be placed overlapping the thoracic belt. Place middle of lumbar belt (stitch marks) at bottom of thoracic cushion.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

5.10 Help the patient onto the table supine. Patient's hip bone should be just below the top of the pelvic cushion.

5.10.1 The arm rests are adjustable for patient comfort, using the knobs to loosen and tighten, the arm rests can be adjusted both vertically and horizontally.

5.10.2 Position the belt so that the patients waist is in the middle of the lumbar decompression[1] belt. The bottom of the lumbar belt should be completely above the Iliac crest.

5.11 To change the Elevation or Targeting press the ELEVATION button. The Elevation and Targeting Popup will open.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

WARNING: BEFORE FLEXING THE LUMBAR SECTION OF THE TABLE DOWNWARD, ENSURE THE TABLE IS AT MAXIMUM HEIGHT.

5.12 To change the elevation of the table press either the Table Max Height, Lift Table or Lower Table buttons.

5.12.1 Pressing and holding the Lower Table button will decrease the height of the table.

5.12.2 Pressing and holding the Lift Table button will increase the height of the table.

5.12.3 Pressing the Max Height will raise the table to the maximum height. There is no need to hold the button down. To stop the table from raising press the STOP button located on the elevation and targeting screen or the patient stop switch.

WARNING: BEFORE LOWERING THE TABLE MAKE SURE THE TABLE IS IN THE FLAT POSITION.

5.13 To change the targeting/flexion of the lumbar section, press the Lumbar Flexion Up, Lumbar Flexion Down or one of the targeting buttons.

5.13.1 **WARNING** - Before flexing the lumbar section of the table downward ensure that the table is at the maximum height.

5.13.2 The Lumbar Flexion Angle displays the angle in degrees that the lumbar section is at. A positive number indicates that the lumbar section is flexed downward and a negative number indicates the table is flexed up.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

5.13.3 Pressing he Lumbar Flexion Up button will raise the lumbar section of the table. Use the Lumbar Flexion Angle display to achieve your desired angle.

5.13.4 Pressing the Lumbar Flexion Down button will lower the lumbar section of the table. Use the Lumbar Flexion Angle display to achieve your desired angle.

5.13.5 Pressing the L1-L2 button then the Begin Targeting Setup Button the flexion will automatically move upward to -12.5 degrees.

5.13.6 Pressing the L2-L3 button then the Begin Targeting Setup Button the flexion will automatically move upward to -10 degrees.

5.13.7 Pressing the L3-L4 button then the Begin Targeting Setup Button the flexion will automatically move upward to -7.5 degrees.

5.13.8 Pressing the L4-L5 button then the Begin Targeting Setup Button the flexion will automatically move upward to -5 degrees.

5.13.9 Pressing the L5-S1 button then the Begin Targeting Setup Button the flexion will automatically move upward to -2.5 degrees.

5.13.10 Press the close button on the Elevation and Targeting screen. The Lumbar Decompression1 Setup Screen will re-appear.

5.14 Secure the patient

5.14.1 Securing Lumbar Belt: Lumbar belt should be attached above the hip bone (waist area).

5.14.2 Wrap the first flap of the pelvic belt across the patient's waistline.

5.14.3 Keeping constant tension on the first flap, wrap the second flap around the patient, and secure snugly around the patients waist with the Velcro fastener.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

5.14.4 Place lumbar clip belt above iliac crest while overlapping lumbar Velcro belt.

5.14.5 Clip belts and cinch belt tight by pulling excess strap thru fastener.

5.14.6 Securing Thoracic Belt: when securing thoracic belt, the top of the belt should be placed under the patient's rib cage.

5.14.7 Firmly pull the left flap of the Torso Restraint belt over the patient's upper body in a downward diagonal position under the patient's rib cage.

5.14.8 Keeping constant tension on the left flap, pull the right flap firmly in a downward diagonal position across the left flap forming a tight "X" just under the patient's rib cage.

5.14.9 All edges of the belt should be touching the patient; not loose or gaps. Adjusting angle of strap to achieve this. *Note: To minimize slipping it is very important that the Torso Restraint belt is tight against the patient's body.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

5.14.10 Pull the remaining slack out from the Torso Restraint belt clamp at the cervical end of the table. Make sure this is pulled tight.

5.14.11 Pull the remaining slack out from the Lumbar Restraint belt clamp at the Lumbar end of the table. *For optimal capture and decompression[1] please make sure D.O.C. System is firmly wrapped and attached tightly to the patient and DOC table.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

5.14.12 Additional tips:

5.14.12.1 Excessive slippage can result if harnesses are not positioned properly, harness are not tight enough, or if slack is not taken out of the strap.

5.14.12.2 After pulling strap through the clip at the end of the table, lift on the clip handle to "dig" the teeth into the belt. This will prevent the belt from slipping through the clip.

5.14.12.3 For smaller patients that are slipping through the belts, it may help to place a towel between the patient and the belts.

5.14.12.4 For Larger patients, have them lay with their arms above their head if they can do so comfortably. Perform the strapping as described earlier, then have them bring their arms back down to a comfortable resting spot. This will stretch out their body while the straps are applied, then when done, it will help keep the straps from slipping. With larger patients you may need to use the extender belt. Make sure when using extender belts that the belts cross in the middle of the patient.

5.14.12.5 Clothing considerations: Silky or slippery clothing can cause belting to slip more. Cotton or other non-slippery material is better to minimize slippage.

5.14.12.6 Insist that the patient lie still during treatment. Movement can cause the straps to slip.

5.14.13 If straps slip on the patient and the target pounds are not being reached on the screen, press the stop button and allow table to reset (patient may have to get off of table). Reattach belts per above procedure, and restart treatment cycle.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

5.15 Ensure patient has access to the Patient Stop Switch and has been instructed on emergency stop procedures listed at the beginning of this manual.

5.16 For safety, patient stop switch must be pressed before starting the treatment.

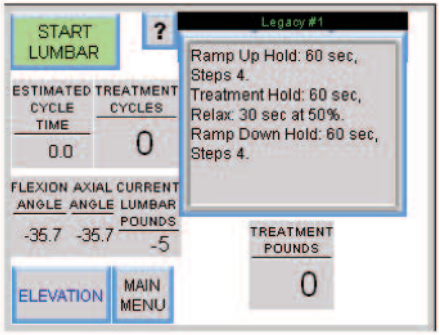
5.17 Current Lumbar pounds should be less than 4 pounds before starting the treatment, if not, adjust patient and straps so pounds are below 4.

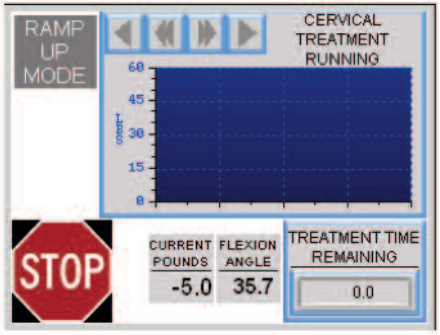
5.18 Set and verify treatment parameters. Double check pounds to be applied to patient are correct.

5.19 Press the Start Lumbar button

5.19.1 After pressing the Start Lumbar the lumbar treatment running screen appears.

5.20 If the patient presses the STOP button then the Lumbar Treatment Stopped Early screen appears





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

AUTOMATIC LUMBAR DECOMPRESSION[1]

5.21 Release patient from the DOC Strapping System.

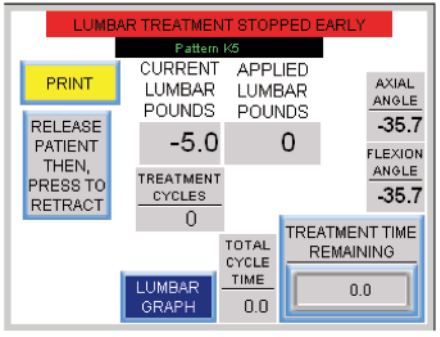
5.22 Return table to flat position, and lower to lowest position.

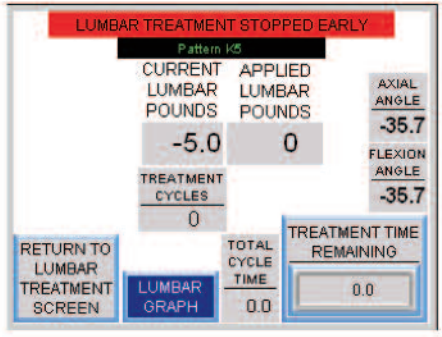
5.23 Help the patient sit up on the center cushion. The patient should sit on the cushion for a minute or two to regain their bearings. Assist them to the standing position.

5.24 If you wish to have a print out for your records and you have the optional printer, press the PRINT button. Wait for the printer to finish.

5.25 Press the RELEASE PATIENT THEN, PRESS TO RETRACT button. The lumbar section will retract to home position.

5.26 To return to the lumbar treatment screen, press the RETURN TO LUMBAR TREATMENT SCREEN.





[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

6.0 Service
Technical Specifications:

	115V version	230V Version
Rated Voltage	115 VAC	230VAC
Rated Frequency	60 Hz	50 Hz
Current	5 Amps	5 Amps
Fuse Type	5 Amp AGC	5 Amp AGC
Lifting Capacity	350 Lbs	350 Lbs
Load Limit of Pelvic cushion	150 Lbs	150 Lbs
Duty cycle	1 minute on 19 minutes off	1 minute on 19 minutes off
Electrical Classification	Class I	Class I
Electrical Type	Type B	Type B
IP Rating	IPx0	IPx0
Equipment is not suitable for use in the presence of flammable mixtures.		

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

SAFETY APPROVALS AND RECOGNITION

Medical Electrical Equipment, Part 1:
General Requirements for Safety, UL 60601-1, First Edition: 2003,
with revisions through and including July 26, 2006

IEC 60601-1, 2nd Edition

Medical Electrical Equipment, Part 1: General Requirements for Safety, CAN/CSA C22.2 No 601.1-M90,
including Update No. 2, November 2003, Reaffirmed 2005

Medical Electrical Equipment, Part 1-4: Collateral Standard: Programmable electrical medical systems, IEC 60601-1-4, First Edition: 1996 + Am.1: 1999 (Consolidated 1.1 Ed.) for use with IEC 60601-1 (1988), Amts 1 (1991) and 2 (1995)

IEC 60601-1-2:2007
Class A Radiated and Conducted Emissions
Immunity for Non Life-Supporting Equipment

IEC 61000-3-2:2006

IEC 61000-3-3:1995 +A1:2001 +A2:2006

IEC 601-1:1988 + A1:1991 + A2:1995

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[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

Guidance and manufacturer's declaration – electromagnetic emissions		
The DOC Table is intended for use in the electromagnetic environment specified below. The customer or the user of the DOC Table should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The DOC Table uses RF energy only for its internal function. therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The DOC Table is suitable for use in all establishments other than domestic, and may be used in domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

Guidance and manufacturer's declaration – electromagnetic immunity			
The DOC Table is intended for use in the electromagnetic environment specified below. The customer or the user of the DOC Table should assure that it is used in such an environment.			
IMMUNITY Test	IEC 60601 test level	Compliance Level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2 kV for power supply lines ± 1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 s	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 s	Mains power quality should be that of a typical commercial or hospital environment. If the user of the DOC Table requires continued operation during power mains interruptions, it is recommended that the DOC Table be powered from an uninterruptible power supply or a battery
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE UT IS THE A.C. MAINS VOLTAGE PRIOR TO APPLICATION OF THE TEST LEVEL.			

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

Guidance and manufacturer's declaration – electromagnetic immunity

The DOC Table is intended for use in the electromagnetic environment specified below. The customer or the user of the DOC Table should assure that it is used in such an environment.

IMMUNITY test	IEC 60601 TEST LEVEL	Compliance level	Electromagnetic environment – guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the DOC Table, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance**
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 V	d = 1.17 P
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	d =1.17 P 80 MHz to 800 MHz d = 2.33 P 800 MHz to 2,5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,a should be less than the compliance level in each frequency range.b Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people

[a] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the DOC Table is used exceeds the applicable RF compliance level above, the DOC Table should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the DOC Table.

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

Recommended separation distances between portable and mobile RF communications equipment and the DOC Table

The DOC Table is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the DOC Table can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the DOC Table as recommended below, according to the maximum output power of the communications equipment.

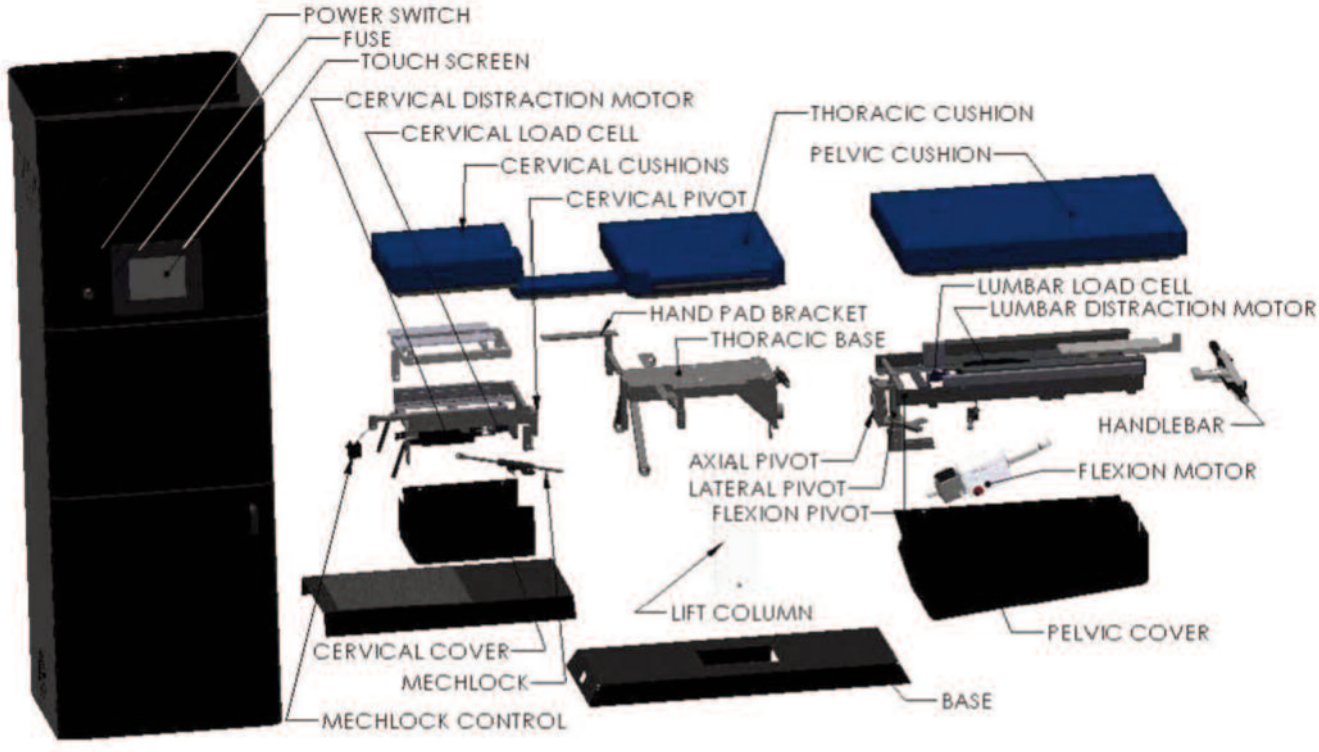
Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter**		
	150 kHz to 80 MHz $d = 1.17\sqrt{P}$	**80 MHz to 800 MHz** $d = 1.17\sqrt{P}$	**800 MHz to 2,5 GHz** $d = 2.33\sqrt{P}$
0,01			
0,1			
1			
10			
100			

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

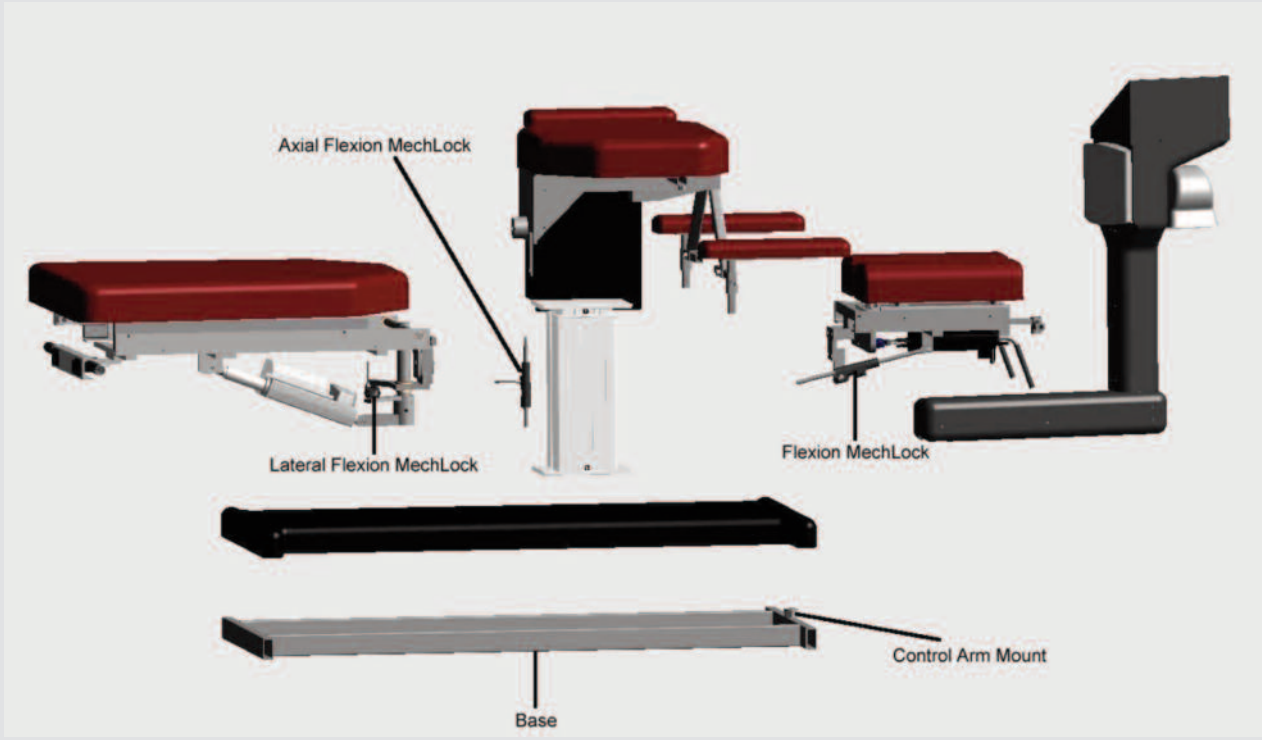
NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

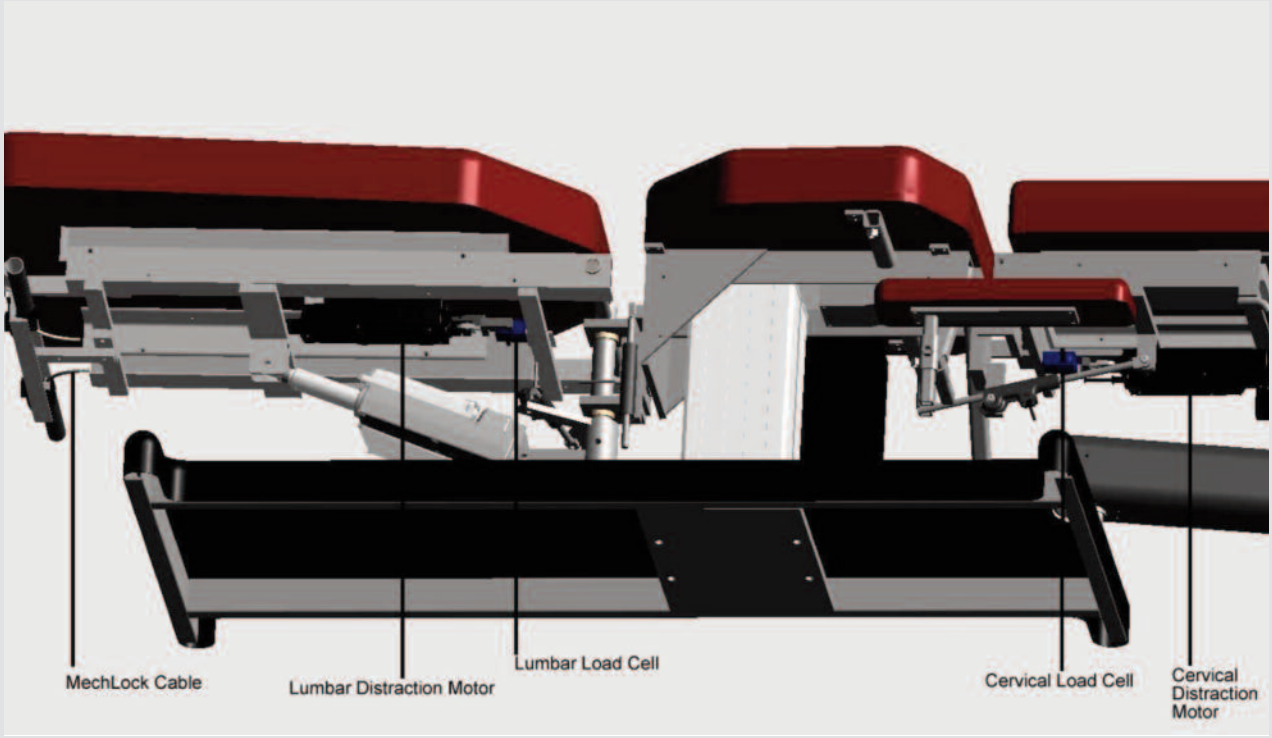
[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.



[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

REPLACEMENT PARTS LIST

E7003	Load Cell with Analog Output for DOC table
E7005	Inclinometer module Dual Analog out
E7006	Lift Column
E7007	Single Output Power Supply 5.9A for lift column
E7027	8CH ANALOG INPUT
E7028	COLOR TOUCH SCREEN MONITOR
E7031	RELAY 24VDC 2PDT 5A
E7032	RELAY SOCKET
E2007	Switch Keylock SPDT 3A 19MM Lead Free
E2008	Indicator Light, Neon, 1/2 OD, Raised A
E2026	Fuse Holder BP/HKP
E7110	BASE FRAME
E7120	LOAD CELL ROD END
E7121	TOUCH SCREEN TOP HALF
E7122	CONSOLETTE TOP SWIVEL
E7123	TOUCH SCREEN HORIZONTAL TUBE
E7130	CHEST BASE
E7140	LUMBAR FRAME
E7141	LUMBAR SLIDE ANGLE
E7143	LUMBAR HANDLE BAR
E7144	LATERAL PIVOT POINT
E7145	T-BAR POST
E7147	PIVOT BEARING CAP
E7148	LUMBAR PIVOT POINT
E7160	HEADPIECE MOUNT BRKT
E7161	LOWER HEAD PIECE FRAME
E7162	UPPER HEAD PIECE FRAME
E7163	HEAD PAD PLATE
E7164	HEAD PAD ADJUSTING ROD
E1995	Eurolift drive CB9 for Flexion
E2024	Lift Motor Eurolift LA31 for flexion
E2013	Rad Motor LA12
E7064	Mechlock Control 44"
E2005	Mechlock Control & Cable
E2004	Mechlock
E2124	DOC Decal White 6" x 14"
E7053	POWER SUPPLY 24VDC 1.2AMP
E2006	Cord 18AWG 3 Cond Hosp gry 10' SJT

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

REPLACEMENT PARTS LIST

E7057	DIN EXTENSION CABLE FOR PLC CONTROL
E7058	Call Cord, 7Ft. White, Single PATIENT STOP SWITCH
E7061	CD Player
E2070	Cervical from Comfort Trax
E7132	ARM PAD LINKAGE
E7133	ARM PAD SUPPORT PLATE
E7010	Head Piece Plastic Cover BLACK
E7011	Base Plastic Cover BLACK
E7012	Lumbar Plastic Cover BLACK
E7013	TOP PLASTIC PIECE BLACK
E7015	SWING ARM COVER BLACK
E7009	SIDE PANEL BLACK
E2126	84 x 40 x 40 Shipping Box
E2127	Shipping Pallet
E7054	MICRO PLC
E2130	DOC Decal White small
E2015	Serial # Sticker
E7008	EXCHANGEABLE MOTOR CABLE, JACK PLUG FOR CB8
E7149	Doc System Thoracic Belt Post
E7165	Comfort Trax mount post
E7064	Mechlock Control
E2074	Stereo Headphones
E2095	Metal Cam Buckle 2 ini clip
E7100	DOC strapping system
E7090	24v 3A power supply
E7091	SLOW DOC LUMBAR LINEAR MOTOR
E7092	24v speed controller for DOC table
E7119	LOAD CELL ROD END FOR MOTOR
E7151	REV.A LUMBAR 8IN. MOTOR-DOC MOUNT
E7044	1" FOAM GRIP 6PK
E7043	1/2" FOAM GRIP 2PK
E7038	BEARING WASHER FOR AXIAL PIVOT
E7037	NEEDLE ROLLER BEARING FOR AXIAL PIVOT
E7035	FLANGED SLEEVE BUSHING 3/4" I.D. 1" O.D. 5/8" LG
E7036	FLANGED SLEEVE BUSHING 3/4" I.D. 7/8" O.D. 1/2" LG
E7039	SHOULDER BOLT 3/4" X 3"
E7040	1-1/4" I.D. X 1-1/2" O.D. X 1" LG LATERAL PIVOT BUSHING
E7041	10mm CLAMP COLLAR FOR MECHLOK
E7042	3/4" CLAMP COLLAR
E7051	BRONZE BUSHING FOR AXIAL PIVOT 2.25 O.D. X 2.0 I.D. X 1 LG.
E7052	BELLEVILLE Washer
E7055	12" slide bearings
E7056	24" Slide bearings
E7063	Touch Screen Cable

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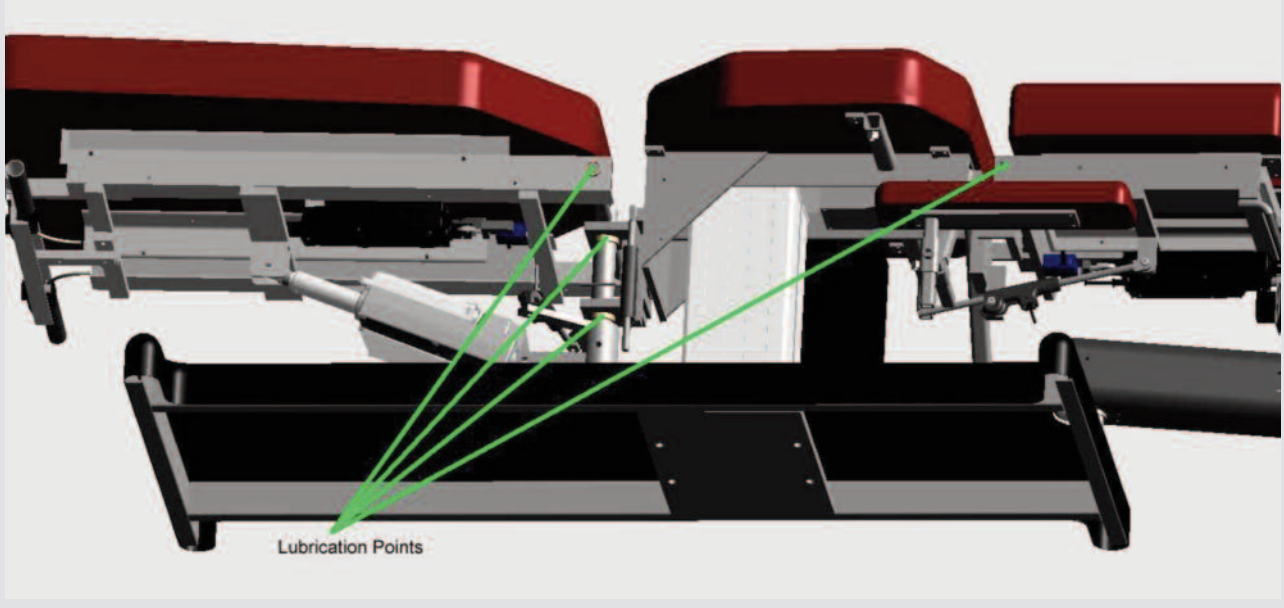

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

IMPORTANT CARE INFORMATION

LIKE ANY FINE PIECE OF MACHINERY, YOUR PIVOTAL HEALTH TABLE DOES NEED OCCASIONAL LUBRICATION AND UPHOLSTERY CLEANING.

UNPLUG ELECTRIC TABLES BEFORE LUBRICATING.

LUBRICATE MOVING JOINTS, SUCH AS FLEXION POINTS AND ROTATIONAL MOVING PARTS.

DO NOT LUBRICATE THE MOTORS THEMSELVES OR THE MECHLOCK COMPONENTS

LIGHT LUBRICATION IS ALL THAT IS NECESSARY.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

UPHOLSTERY NOTICE

Your new pivotal health table is upholstered under the most stringent conditions, using the finest upholstery material made by spradling international, inc.

Our upholstery only carries a 90 day warranty from date of purchase. Please see warranty information regarding upholstery in your manual.

Upholstery on decompression[1] tables often will not wear as long as non moving tables. The constant movement or motion of the tables and the patient on the table and upholstery causes increased wear and upholstery breakdown at a rate of nearly four to five times that of a normal non moving table. This is the reason upholstery wears faster and needs to be replaced sooner.

This is not a flaw in the upholstery, but just the normal increased wear caused by motion and normal use. Replacement cushion assemblies can be purchased in complete sets or individually (new cover, new foam, new board). Always follow cleaning instructions supplied with your new pivotal health table.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

- For light soiling, a solution of 10% household liquid dish soap with warm water, applied with soft damp cloth. Rinse with clean water and dry.

- For heavy soiling, dampen a soft white cloth in a one to one (1:1) solution of Fantastik® and water OR Formula 409® and water. Rub gently and rinse with a water dampened cloth.

- For more difficult stains, dampen a soft white cloth with a solution of household bleach (10% bleach / 90% water). Rub gently and rinse with a water dampened cloth to remove bleach concentration.

- DO NOT USE ALCOHOL BASED CLEANING AGENTS! IMPROPER CLEANING WILL CANCEL THE WARRANTY.

This information is not a guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and all cleaning agents. The use of certain agents can be harmful to the surface appearance and lifespan of vinyl. Pivotal Health Solutions assumes no responsibility resulting from the use of such agents to the vinyl.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

TROUBLESHOOTING

Problem		
Table does not turn on and the Power indicator is not lit.	Is the power cord undamaged and plugged in?	Plug the power cord into a working 120V 5amp (minimum) Circuit
	Is the key turned to the on position?	Turn the key switch to the on position.
	Check the fuse located on the electrical box.	
	Call Pivotal Health for Service..	
Table does not turn on and the power indicator is on.	The touch screen is equipped with a screensaver to prevent burn in.	Touch the screen is several places to exit the screen saver.
	Call Pivotal Health for Service	
Elevation with optional foot pedals.	Check for damage of cord.	
	Make sure cord is plugged completely in.	
Cervical treatment stopped early.	Was the stop pressed by the patient?	
	Was the stop pressed on the touch panel?	
	Did the decompression[1] cycle timeout?	Patient slipping in restraint. Re-Adjust the Cervical Restraint so it captures the occiput.
Lumbar treatment stopped early.	Was the stop pressed by the patient?	
	Was the stop pressed on the touch panel?	
	Did the decompression[1] cycle timeout?	Patient is slipping in the restraint. Review the DOC Restraint system found in the library.
Cervical reading poundage with no patient.	Is the Cervical section level?	If the Cervical section is tilted upward the weight of cervical section will be applied to the load cell.
Lumbar reading poundage with no patient.	Is the Lumbar Section Level?	If the Lumbar section is tilted upward the weight of the lumbar section will be applied to the load cell.
Overload	Has the Thoracic post been removed?	Remove Post
	Is the patient lying still during treatment?	
	Is there an obstruction at the head or foot of the table?	Make sure the foot and head of the table have enough room to move.

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

APPENDIX A

DOC Decompression Table

RAMP UP			RAMP UP		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
	Step 1 percent	RPUPRCP END SP VALUE 1		Step 5 slope	RPUPRCP RAMP SLOPE 5
	Step 1 slope	RPUPRCP RAMP SLOPE 1		Step 5 hold time	RPUPRCP SOAK DURATION 5
	Step 1 hold time	RPUPRCP SOAK DURATION 1		Step 6 percent	RPUPRCP END SP VALUE 6
	Step 2 percent	RPUPRCP END SP VALUE 2		Step 6 slope	RPUPRCP RAMP SLOPE 6
	Step 2 slope	RPUPRCP RAMP SLOPE 2		Step 6 hold time	RPUPRCP SOAK DURATION 6
	Step 2 hold time	RPUPRCP SOAK DURATION 2		Step 7 percent	RPUPRCP END SP VALUE 7
	Step 3 percent	RPUPRCP END SP VALUE 3		Step 7 slope	RPUPRCP RAMP SLOPE 7
	Step 3 slope	RPUPRCP RAMP SLOPE 3		Step 7 hold time	RPUPRCP SOAK DURATION 7
	Step 3 hold time	RPUPRCP SOAK DURATION 3		Step 8 percent	RPUPRCP END SP VALUE 8
	Step 4 percent	RPUPRCP END SP VALUE 4		Step 8 slope	RPUPRCP RAMP SLOPE 8
	Step 4 slope	RPUPRCP RAMP SLOPE 4		Step 8 hold time	RPUPRCP SOAK DURATION 8
	Step 4 hold time	RPUPRCP SOAK DURATION 4			

Step 5 percent RPUPRCP END SP VALUE 5

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

APPENDIX A

DOC Decompression Table

TREATMENT			TREATMENT		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
	Step 1 percent	TREATRCP END SP VALUE 1		Step 5 percent	TREATRCP END SP VALUE 5
	Step 1 slope T	REATRCP RAMP SLOPE 1		Step 5 slope	TREATRCP RAMP SLOPE 5
	Step 1 hold time	TREATRCP SOAK DURATION 1		Step 5 hold time	TREATRCP SOAK DURATION 5
	Step 2 percent	TREATRCP END SP VALUE 2		Step 6 percent	TREATRCP END SP VALUE 6
	Step 2 slope	TREATRCP RAMP SLOPE 2		Step 6 slope	TREATRCP RAMP SLOPE 6
	Step 2 hold time	TREATRCP SOAK DURATION 2		Step 6 hold time	TREATRCP SOAK DURATION 6
	Step 3 percent	TREATRCP END SP VALUE 3		Step 7 percent	TREATRCP END SP VALUE 7
	Step 3 slope	TREATRCP RAMP SLOPE 3		Step 7 slope	TREATRCP RAMP SLOPE 7
	Step 3 hold time	TREATRCP SOAK DURATION 3		Step 7 hold time	TREATRCP SOAK DURATION 7
	Step 4 percent	TREATRCP END SP VALUE 4		Step 8 percent	TREATRCP END SP VALUE 8
	Step 4 slope	TREATRCP RAMP SLOPE 4		Step 8 slope	TREATRCP RAMP SLOPE 8
	Step 4 hold time	TREATRCP SOAK DURATION 4		Step 8 hold time	TREATRCP SOAK DURATION 8

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

APPENDIX A

DOC Decompression Table

RAMP DOWN			RAMP DOWN		
SETPOINT	**COMMON NAME**	**INTERNAL NAME**	**SETPOINT**	**COMMON NAME**	**INTERNAL NAME**
	Step 1 percent	RPDNRCP END SP VALUE 1		Step 5 percent	RPDNRCP END SP VALUE 5
	Step 1 slope	RPDNRCP RAMP SLOPE 1		Step 5 slope	RPDNRCP RAMP SLOPE 5
	Step 1 hold time	RPDNRCP SOAK DURATION 1		Step 5 hold time	RPDNRCP SOAK DURATION 5
	Step 2 percent	RPDNRCP END SP VALUE 2		Step 6 percent	RPDNRCP END SP VALUE 6
	Step 2 slope	RPDNRCP RAMP SLOPE 2		Step 6 slope	RPDNRCP RAMP SLOPE 6
	Step 2 hold time	RPDNRCP SOAK DURATION 2		Step 6 hold time	RPDNRCP SOAK DURATION 6
	Step 3 percent	RPDNRCP END SP VALUE 3		Step 7 percent	RPDNRCP END SP VALUE 7
	Step 3 slope	RPDNRCP RAMP SLOPE 3		Step 7 slope	RPDNRCP RAMP SLOPE 7
	Step 3 hold time	RPDNRCP SOAK DURATION 3		Step 7 hold time	RPDNRCP SOAK DURATION 7
	Step 4 percent	RPDNRCP END SP VALUE 4		Step 8 percent	RPDNRCP END SP VALUE 8
	Step 4 slope	RPDNRCP RAMP SLOPE 4		Step 8 slope	RPDNRCP RAMP SLOPE 8
	Step 4 hold time	RPDNRCP SOAK DURATION 4		Step 8 hold time	RPDNRCP SOAK DURATION 8

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

APPENDIX A

DOC Decompression Table

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

DEFAULT RECIPE VALUES

	RPUPRCP END SP VALUE 1	RPUPRCP RAMP SLOPE 1	RPUPRCP SOAK DURATION 1	RPUPRCP END SP VALUE 2	RPUPRCP RAMP SLOPE 2	RPUPRCP SOAK DURATION 2
'Legacy #1	20	200	10	40	200	10
'Legacy #2	14	200	5	28	200	5
'Legacy #3	20	200	10	40	200	10
'Legacy #4	14	200	5	28	200	5
'Legacy #5	20	200	10	10	200	5
'Legacy #6	20	200	5	10	200	2
'Custom #7	20	100	0	10	100	0

	RPUPRCP END SP VALUE 3	RPUPRCP RAMP SLOPE 3	RPUPRCP SOAK DURATION 3	RPUPRCP END SP VALUE 4	RPUPRCP RAMP SLOPE 4	RPUPRCP SOAK DURATION 4
'Legacy #1	60	200	10	80	200	10
'Legacy #2	42	200	5	56	200	5
'Legacy #3	60	200	10	80	200	10
'Legacy #4	42	200	5	56	200	5
'Legacy #5	40	200	10	20	200	5
'Legacy #6	40	200	5	20	200	2
'Custom #7	40	100	0	20	100	0

	RPUPRCP END SP VALUE 5	RPUPRCP RAMP SLOPE 5	RPUPRCP SOAK DURATION 5	RPUPRCP END SP VALUE 6	RPUPRCP RAMP SLOPE 6	RPUPRCP SOAK DURATION 6
'Legacy #1	0	0	0	0	0	0
'Legacy #2	70	200	5	85	200	5
'Legacy #3	0	0	0	0	0	0
'Legacy #4	70	200	5	85	200	5
'Legacy #5	60	200	10	30	200	5
'Legacy #6	60	200	5	30	200	2
'Custom #7	60	100	0	30	100	0

	RPUPRCP END SP VALUE 7	RPUPRCP RAMP SLOPE 7	RPUPRCP SOAK DURATION 7	RPUPRCP END SP VALUE 8	RPUPRCP RAMP SLOPE 8	RPUPRCP SOAK DURATION 8
'Legacy #1	0	0	0	0	0	0
'Legacy #2	0	0	0	0	0	0
'Legacy #3	0	0	0	0	0	0
'Legacy #4	0	0	0	0	0	0
'Legacy #5	80	200	10	40	200	5
'Legacy #6	80	200	5	40	200	2
'Custom #7	80	100	0	40	100	0

	TREATRCP END SP VALUE 1	TREATRCP RAMP SLOPE 1	TREATRCP SOAK DURATION 1	TREATRCP END SP VALUE 2	TREATRCP RAMP SLOPE 2	TREATRCP SOAK DURATION 2
'Legacy #1	100	200	10	50	200	5
'Legacy #2	100	200	5	50	200	2
'Legacy #3	100	200	5	0	0	0
'Legacy #4	100	200	5	0	0	0
'Legacy #5	100	200	10	50	200	5
'Legacy #6	100	200	5	50	200	2
Custom #7	100	100	0	50	100	0

	TREATRCP END SP VALUE 3	TREATRCP RAMP SLOPE 3	TREATRCP SOAK DURATION 3	TREATRCP END SP VALUE 4	TREATRCP RAMP SLOPE 4	TREATRCP SOAK DURATION 4
'Legacy #1	0	0	0	0	0	0
'Legacy #2	0	0	0	0	0	0
'Legacy #3	0	0	0	0	0	0
'Legacy #4	0	0	0	0	0	0
'Legacy #5	0	0	0	0	0	0
'Legacy #6	0	0	0	0	0	0
'Custom #7	0	0	0	0	0	0

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

DEFAULT RECIPE VALUES DOC Decompression Table

	TREATRCP END SP VALUE 5	TREATRCP RAMP SLOPE 5	TREATRCP SOAK DURATION 5	TREATRCP END SP VALUE 6	TREATRCP RAMP SLOPE 6	TREATRCP SOAK DURATION 6
'Legacy #1	0	0	0	0	0	0
'Legacy #2	0	0	0	0	0	0
'Legacy #3	0	0	0	0	0	0
'Legacy #4	0	0	0	0	0	0
'Legacy #5	0	0	0	0	0	0
'Legacy #6	0	0	0	0	0	0
'Custom #7	0	0	0	0	0	0

	TREATRCP END SP VALUE 7	TREATRCP RAMP SLOPE 7	TREATRCP SOAK DURATION 7	TREATRCP END SP VALUE 8	TREATRCP RAMP SLOPE 8	TREATRCP SOAK DURATION 8
'Legacy #1	0	0	0	0	0	0
'Legacy #2	0	0	0	0	0	0
Legacy #3	0	0	0	0	0	0
'Legacy #4	0	0	0	0	0	0
'Legacy #5	0	0	0	0	0	0
'Legacy #6	0	0	0	0	0	0
'Custom #7	0	0	0	0	0	0

	RPDNRCP END SP VALUE 1	RPDNRCP RAMP SLOPE 1	RPDNRCP SOAK DURATION 1	RPDNRCP END SP VALUE 2	RPDNRCP RAMP SLOPE 2	RPDNRCP SOAK DURATION 2
'Legacy #1	100	200	10	80	200	10
'Legacy #2	100	200	5	85	200	5
'Legacy #3	80	200	10	60	200	10
'Legacy #4	85	200	5	70	200	5
Legacy #5	80	200	10	30	200	5
'Legacy #6	80	200	5	30	200	2
'Custom #7	80	100	0	30	100	0

	RPDNRCP END SP VALUE 3	RPDNRCP RAMP SLOPE 3	RPDNRCP SOAK DURATION 3	RPDNRCP END SP VALUE 4	RPDNRCP RAMP SLOPE 4	RPDNRCP SOAK DURATION 4
'Legacy #1	60	200	10	40	200	10
'Legacy #2	70	200	5	56	200	5
'Legacy #3	40	200	10	20	200	10
'Legacy #4	56	200	5	42	200	5
Legacy #5	60	200	10	20	200	5
'Legacy #6	60	200	5	20	200	2
'Custom #7	60	100	0	20	100	0

	RPDNRCP END SP VALUE 5	RPDNRCP RAMP SLOPE 5	RPDNRCP SOAK DURATION 5	RPDNRCP END SP VALUE 6	RPDNRCP RAMP SLOPE 6	RPDNRCP SOAK DURATION 6
'Legacy #1	20	200	10	0	0	0
'Legacy #2	42	200	5	28	200	5
'Legacy #3	0	0	0	0	0	0
'Legacy #4	28	200	5	14	200	5
'Legacy #5	40	200	10	10	200	5
'Legacy #6	40	200	5	10	200	2
'Custom #7	40	100	0	10	100	0

	RPDNRCP END SP VALUE 7	RPDNRCP RAMP SLOPE 7	RPDNRCP SOAK DURATION 7	RPDNRCP END SP VALUE 8	RPDNRCP RAMP SLOPE 8	RPDNRCP SOAK DURATION 8
'Legacy #1	0	0	0	0	0	0
'Legacy #2	14	200	5	0	0	0
'Legacy #3	0	0	0	0	0	0
'Legacy #4	0	0	0	0	0	0
'Legacy #5	20	200	10	10	200	10
'Legacy #6	20	200	5	10	200	2
'Custom #7	20	100	0	10	100	1

	CERVICAL PATTERN NUMBER	RCP TREATMENT NAME
'Legacy #1	1	'Legacy #1
'Legacy #2	2	'Legacy #2
'Legacy #3	3	'Legacy #3
'Legacy #4	4	'Legacy #4
'Legacy #5	5	'Legacy #5
'Legacy #6	6	'Legacy #6
'Custom #7	7	'Custom #7

[1] Decompression is unloading due to distraction and positioning and/or as non-surgical in nature.

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