

# TMI

**Texas Medical Industries**

## Traction System

(Also known as TMI's UNI-CODE System)

## **TEXAS MEDICAL INDUSTRIES, INC. (TMI)**

Texas Medical Industries develops and manufactures quality orthopaedic aids for modern techniques. The “UNI-CODE Traction System” is an informative traction brochure showing this equipment in use. This booklet serves as a training tool for those in the medical profession who wish to improve yet simplify their traction techniques. UNI-CODE, under the supervision of the attending physician, will be a great aid in achieving these goals.

All equipment shown in this brochure is available from **TMI**.

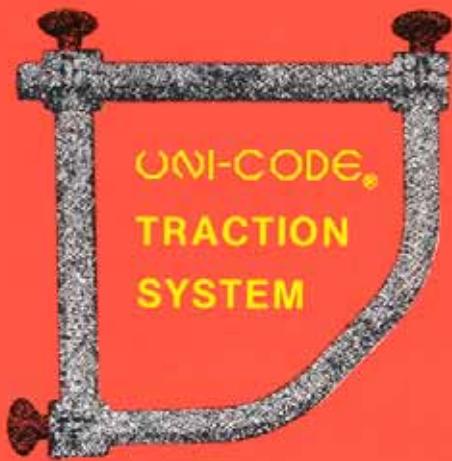
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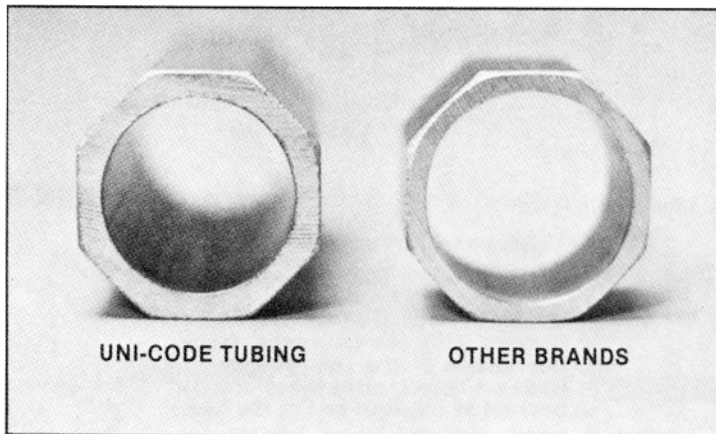


## UNI-CODE®

The UNI-CODE Traction System is the most progressive and comprehensive traction training tool available. UNI-CODE combines three basic elements into one compact system:

1. Color Code Identification.
2. Frame Assembly.
3. Traction Procedures.

All three elements, plus a variety of useful accessories, are described in detail in this booklet. Of considerable importance are Traction Procedures, which outline the indication, bed position, patient position and application. Helpful tips and suggestions are available throughout. Patient safety and comfort, along with simplicity of frame set-up are synonymous with UNI-CODE.

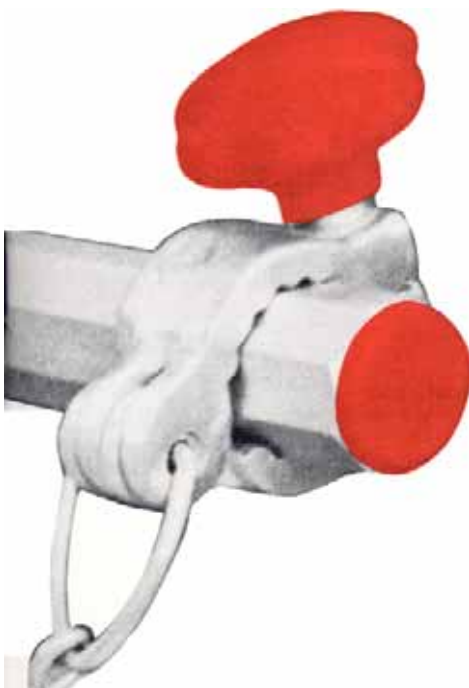


## STRENGTH

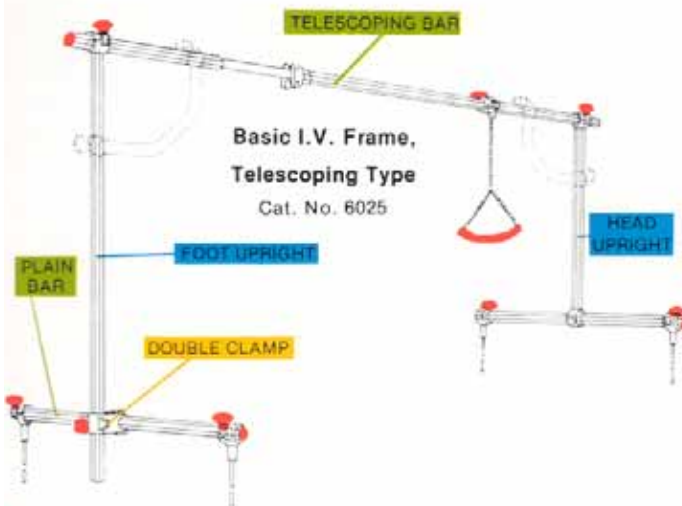
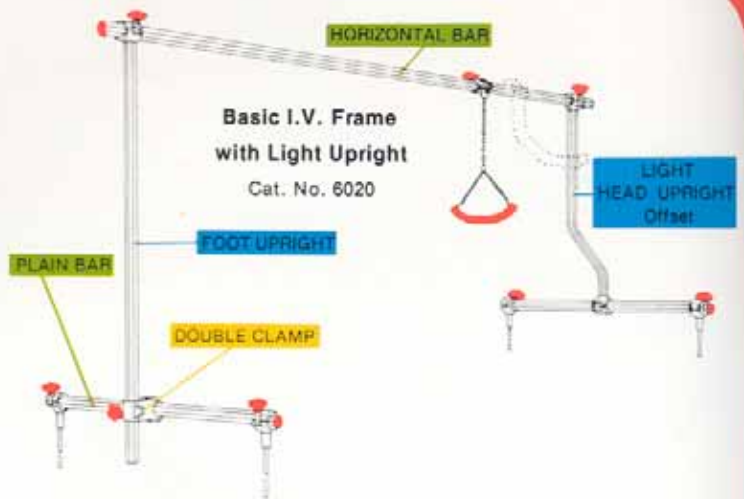
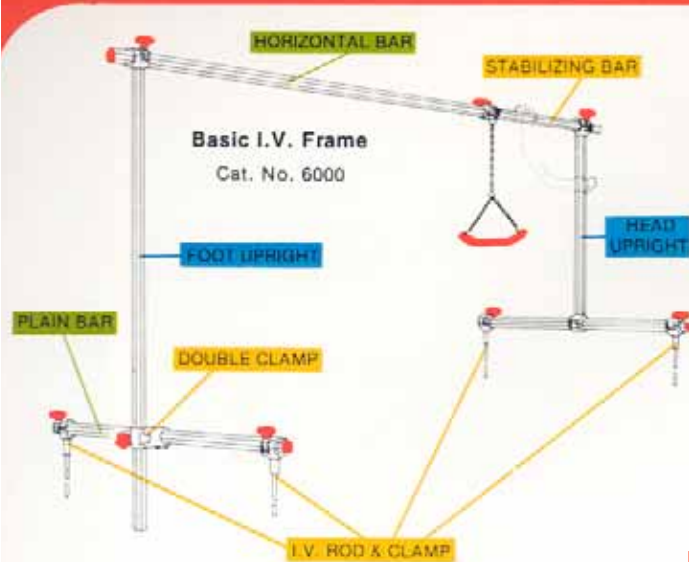
All UNI-CODE traction frames and frame components are constructed of **HEAVY DUTY** octagonal aluminum extrusion. The outside diameter is 1.25", which makes it completely interchangeable and compatible with all other octagonal systems. However, because our wall thickness is so much greater, we offer a stronger, firmer, more versatile frame. The Horizontal Bar will support over 400 pounds with no appreciable bend.

## SAFETY

UNI-CODE clamp knobs and end plugs are "safety-orange" in color. They provide a more cheerful environment for the patient while serving as a recognizable warning to those who might disturb the set-up. All clamp knobs are countersunk for double security, and each clamp has 16 facets to assure a strong grip and provide additional angles of pull.



## BASIC FRAMES & ASSEMBLY



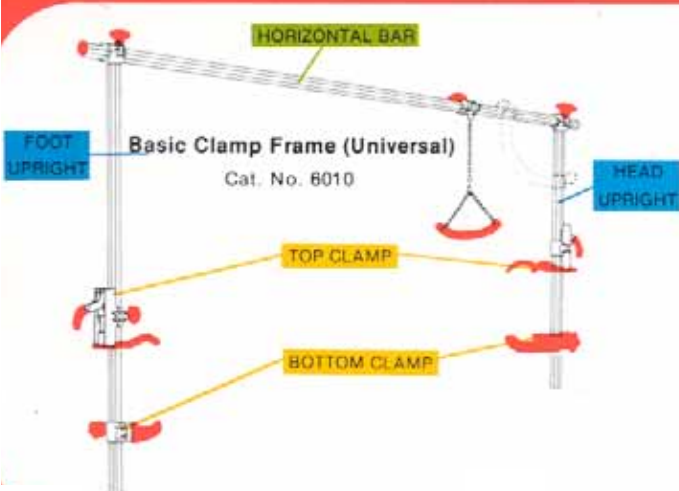
### ASSEMBLY INSTRUCTIONS

For Basic Frame Series 6000, 6020, and 6025

- Step 1. Insert I.V. Rods and Clamps into I.V. Sockets with orange knobs facing the outside of the bed. If two I.V. Rods are longer, place these into the Sockets at the head end of the bed.
- Step 2. Attach one Plain Bar between the IV Rod & Clamps at the head end and one at the foot end.
- Step 3. Attach Head Upright (swivel clamp end up) to the center of the Plain Bar at the head end of the bed.
- Step 4. Attach Double (Cross) Clamp to the center of the Plain bar at the foot end of the bed.
- Step 5. Attach Foot Upright (swivel clamp end up) to the Double Clamp at the Foot end of the bed.
- Step 6. Attach Horizontal Bar (or Telescoping Bar) to the Uprights. Note that the adjustable section of the Telescoping bar should be at the foot end of the bed.
- Step 7. Adjust height of Foot Upright with the Double Clamp until the Horizontal Bar is horizontal.
- Step 8. Attach Trapeze Assembly to the Horizontal Bar and position according to patient reach.
- Step 9. Hand-tighten all knobs.

### Basic Frame Components

- 4 – IV Rod & Clamp
- 2 – 36" Plain Bar
- 1 – Head Upright (Straight or Offset as requested)
- 1 – Double Clamp
- 1 – Foot Upright
- 1 – Trapeze Assembly
- 1 – Horizontal Bar  
or  
1 – Telescoping Bar
- 1 – Stabilizing Bar (2 with #6025 series)



### ASSEMBLY INSTRUCTIONS

- Step 1. Attach Bottom Clamps (concave side up) to the lower end (opposite from the swivel clamp) of the Uprights.
- Step 2. Attach Top Clamp (convex side up) in the center of the Uprights.
- Step 3. Adjust the Bottom Clamps and Top Clamps on each Upright while attaching to the headboard and the footboard. The tops of both Uprights should be the same height.
- Step 4. Attach the Horizontal Bar to the Uprights. The orange knobs on both swivel clamps should be on the same side of the Horizontal Bar.
- Step 5. Adjust Top Clamps and Bottom Clamps so that the Horizontal Bar is level.
- Step 6. Attach Trapeze Assembly to the Horizontal Bar and position according to patient reach.
- Step 7. Hand-tighten all knobs.

### Universal Frame Components

- 1 – Head Upright
- 1 – Foot Upright
- 2 – Top Clamp (Panel Clamp Upper)
- 2 – Bottom Clamp (Panel Clamp Lower)
- 1 – Horizontal Bar
- 1 – Trapeze Assembly
- 2 – Stabilizing Bar



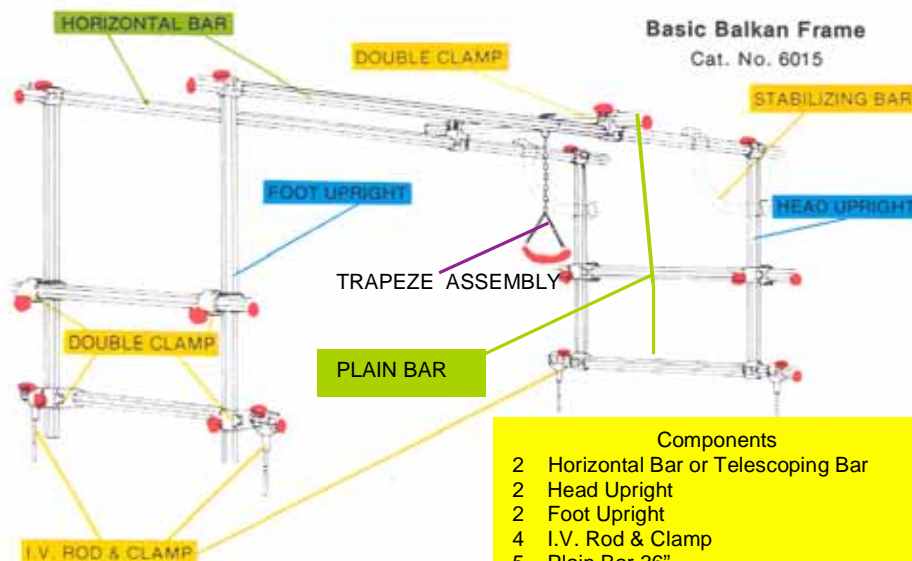
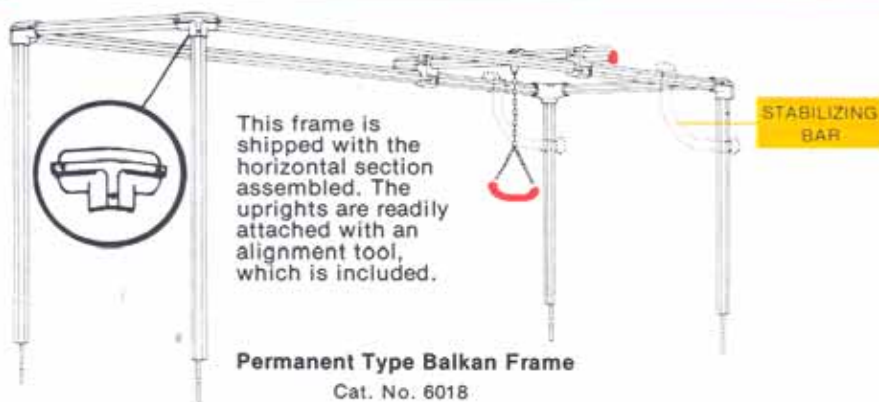
## GENERAL RULES

1. When all four I.V. ROD & CLAMPS are not the same length, the two longer rods should always be inserted into the I.V. sockets at the head end of the bed.
2. Whenever two clamps hold a PLAIN BAR or HORIZONTAL BAR, the orange knobs of both clamps should always be on the same side of that bar.
3. HEAD UPRIGHTS and FOOT UPRIGHTS should always be assembled with the swivel clamp end up.
4. The FOOT UPRIGHT is almost always longer than the HEAD UPRIGHT. On occasion they are the same length.
5. The HEAD UPRIGHT should be assembled before the FOOT UPRIGHT. The FOOT UPRIGHT can then be adjusted up or down, with the DOUBLE CLAMP, until both UPRIGHTS are the same height.

## THE STABILIZING BAR (Cat. No. 6100)

The Stabilizing Bar is the most under-rated member of the Traction component family. Its function is two-fold. First, it protects the Headboard, Footboard, and I.V. Sockets of the bed. Second, it provides much additional strength and stability to the Overhead Frame. We recommend the use of a Stabilizing Bar with all overhead frames (ours as well as others), even though we use the thickest-walled octagonal aluminum extrusion found in the marketplace today. Telescoping Frames (Cat. No. 6025) should use two Stabilizing Bars.

\*Exceptions to Rule #1 are listed later in this manual.



### Components

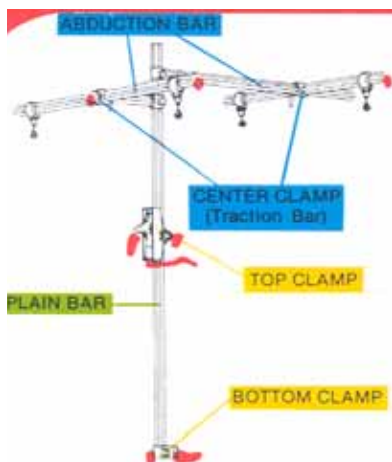
- 2 Horizontal Bar or Telescoping Bar
- 2 Head Upright
- 2 Foot Upright
- 4 I.V. Rod & Clamp
- 5 Plain Bar 36"
- 8 Double Clamp (Cross Clamp)
- 2 Stabilizing Bar (4 with Telescoping Frame)
- 1 Trapeze Assembly

## Basic Balkan Frames (Cat. No. 6015) and Permanent Type Balkan Frames (Cat. No. 6018).

These increasingly popular overhead frames are used primarily in Orthopaedic Wings, or wherever they can be left in an assembled position. They are the strongest and most versatile frames available, constructed throughout with HEAVY DUTY octagonal aluminum extrusion. The permanent type Balkan frame (Cat. No. 6018) offers our exclusive corner clamping device.

All traction procedures pictured on pages 12-19 of this booklet may be performed with these frames.

- Step 1. Insert I.V. Rods and Clamps into I.V. Sockets. Orange knobs should be facing the outside of the bed.
  - Step 2. Attach one 36" Plain Bar between the I.V. Rods & Clamps at the head of the bed and one at the foot of the bed. Make sure the Plain Bar is flat in the clamps.
  - Step 3. Attach two Head Uprights (swivel clamp end up) to the Plain Bar at the head end of the bed.
  - Step 4. Attach two Double Clamps to the Plain Bar at the foot end of the bed. (Clamps should face away from the bed.)
  - Step 5. Attach two foot Uprights (swivel clamp end up) to double clamps and adjust, so that the tops of all four Uprights are the same height.
  - Step 6. Attach one Horizontal Bar (or Telescoping Bar) between the Head Upright and the Foot Upright on each side of the bed. Make sure the bars set flat in the clamps and that the bars are level.
  - Step 7. Attach One Stabilizing Bar in each corner of the frame between the Upright and the Horizontal (or Telescoping) Bar.
  - Step 8. Attach one Double Clamp to each of the Horizontal (or Telescoping) Bars. Double clamps should be across from each other and located above the patient's mid/upper torso. Clamps should face up away from the bed. (For shorter Patient's the clamps may be turned under.)
  - Step 9. Attach one Plain Bar between the Double Clamps on the Horizontal (or Telescoping) Bar.
  - Step 10. Attach the Trapeze Assembly to the center of the overhead Plain Bar. Trapeze Clamp Knob should be above the Plain Bar.
  - Step 11. Tighten all knobs.
- ALL KNOBS ARE HAND -TIGHTEN ONLY. **DO NOT USE TOOLS TO TIGHTEN THE KNOBS.**
  - CHECK ALL KNOBS FREQUENTLY (EVERY TIME SOMEONE VISITS THE PATIENT'S ROOM)

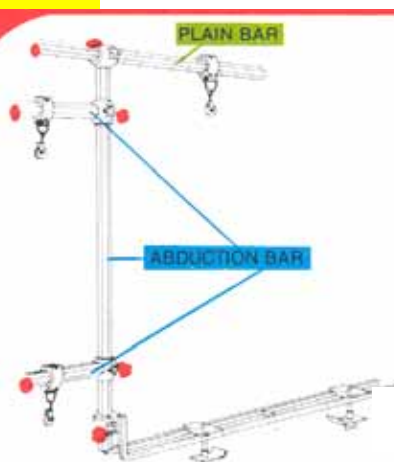


## Crib Frame Cat. No. 6030

### Components

- 1 66" Plain Bar
- 1 Bottom Clamp
- 1 Top Clamp
- 1 9" Abduction Bar
- 1 27" Abduction Bar
- 2 27" Center Clamp Traction Bar
- 4 Pulley and Clamp (Ball Bearing)

Assemble as illustrated.



## Side-Arm Unit Cat. No. 6035

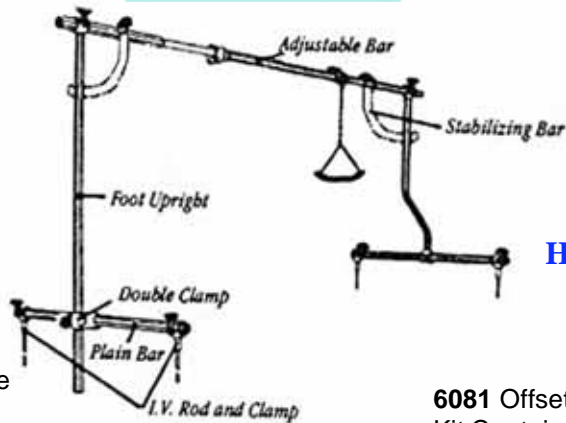
### Components

- 1 Side-Arm Under Mattress Clamp
- 1 36" Abduction Bar
- 1 27" Plain Bar
- 2 9" Abduction Bar
- 3 Pulley and Clamp (Ball Bearing)

Assemble as illustrated.

## TMI TELESCOPING OFFSET FRAME

### SINGLE FRAME



#### HR 840-8400 Series Beds

**6025-840F** Offset Adjustable Single Frame  
Kit Contains:

Qty	Description
1	#6070 Telescoping bar
1	#6095-31 Offset Head Upright
1	#6080-48 Foot Upright
2	#6065-36 Plain Bar 36"
1	#6040 Trapeze Assembly
1	#6105 Double Clamp
2	#6100 Stabilizing Bar
2*	#6045-13 I.V. Rod & Clamp 13"x3/4"
2	#6045-18 I.V. Rod & Clamp 18"x3/4" dia

**\* #6045-13 go at foot of bed.**

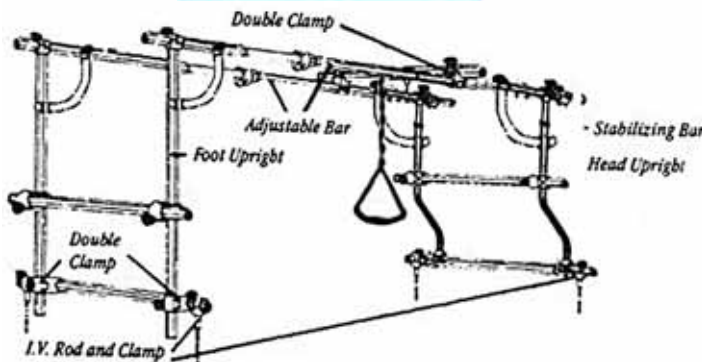
#### HR Advanced Series Beds 1000-2000-3000

**6081** Offset Adjustable Single Frame  
Kit Contains:

Qty	Description
1	#6070 Telescoping bar
1	#6095-31 Offset Head Upright
1	#6080-48 Foot Upright
2	#6065-36 Plain Bar 36"
1	#6105 Double Clamp
1	#6040 Trapeze Assembly
2	#6100 Stabilizing Bar
2*	#6050-18 IV Rod & Clamp Crv 18"x3/4"
2	#6045-13 IV Rod & Clamp 13"x3/4" dia

**\* #6050-18 IV Rods go at foot of bed curving outward.**

### BALKAN FRAME



**6025-B840F** Offset Adjustable Balkan Frame  
Kit Contains:

Qty	Description
2	#6070 Telescoping bar
2	#6095-31 Offset Head Upright
2	#6080-48 Foot Upright
5	#6065-36 Plain Bar 36"
8	#6105 Double Clamp
1	#6040 Trapeze Assembly
4	#6100 Stabilizing Bar
2*	#6045-13 I.V. Rod & Clamp 13"x3/4"
2	#6045-18 I.V. Rod & Clamp 18"x3/4"

**\* #6045-13 go at foot of bed.**

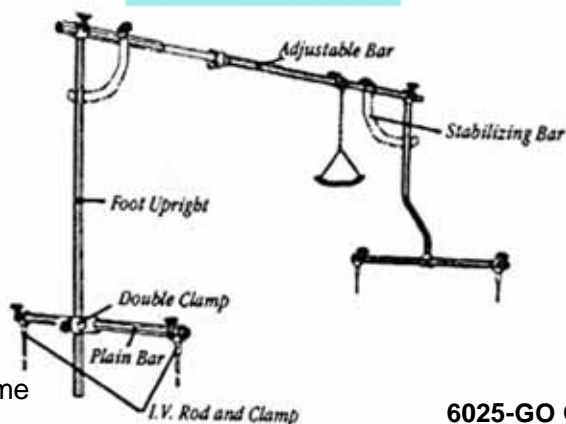
**6083** Offset Adjustable Balkan Frame  
Kit Contains:

Qty	Description
2	#6070 Telescoping bar
2	#6095-31 Offset Head Upright
2	#6080-48 Foot Upright
5	#6065-36 Plain Bar 36"
8	#6105 Double Clamp
1	#6040 Trapeze Assembly
4	#6100 Stabilizing Bar
2*	#6050-18 I.V. Rod & Clamp Crv 18"x3/4"
2	#6045-13 I.V. Rod & Clamp 13"x3/4"

**\* #6050-18 IV Rods go at foot of bed curving outward.**

# TMI TELESCOPING OFFSET FRAME

## SINGLE FRAME



**Stryker Med/Surg**  
Secure Series Beds

**6025-S2** Offset Adjustable Single Frame  
Kit Contains:

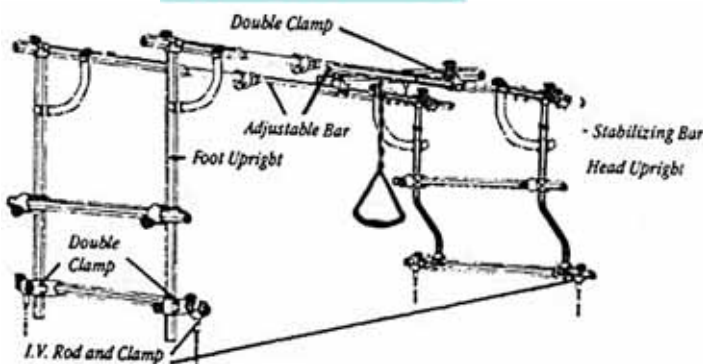
Qty	Description
1	#6070 Telescoping bar
1	#6095-31 Offset Head Upright
1	#6080-48 Foot Upright
2	#6065-36 Plain Bar 36"
1	#6040 Trapeze Assembly
1	#6105 Double Clamp
2	#6100 Stabilizing Bar
2	#6050-13 I.V. Rod & Clamp 13"x3/4"
2	#6045-18 I.V. Rod & Clamp 18"x3/4" dia

**Stryker Bertec**  
Go Bed

**6025-GO** Offset Adjustable Single Frame  
Kit Contains:

Qty	Description
1	#6070 Telescoping bar
1	#6095-31 Offset Head Upright
1	#6080-48 Head Upright Straight
2	#6065-36 Plain Bar 36"
1	#6040 Trapeze Assembly
2	#6100 Stabilizing Bar
4	#6045-19 IV Rod & Clamp 19"x3/4" dia
1	#6105 Double Clamp

## BALKAN FRAME



**6015-SB** Offset Adjustable Balkan Frame  
Kit Contains:

Qty	Description
2	#6070 Telescoping bar
2	#6095-31 Offset Head Upright
2	#6080-48 Foot Upright
5	#6065-36 Plain Bar 36"
8	#6105 Double Clamp
1	#6040 Trapeze Assembly
4	#6100 Stabilizing Bar
2	#6050-13 I.V. Rod & Clamp 13"x3/4"
2	#6045-18 I.V. Rod & Clamp 18"x3/4"

**6015-GO** Offset Adjustable Balkan Frame  
Kit Contains:

Qty	Description
2	#6070 Telescoping bar
2	#6095-31 Offset Head Upright
2	#6080-48 Foot Upright 48"
5	#6065-36 Plain Bar 36"
8	#6105 Double Clamp
1	#6040 Trapeze Assembly
4	#6100 Stabilizing Bar
4	#6045-19 I.V. Rod & Clamp 19"x3/4" dia.





**TMI #6089 OFFSET RETRACTABLE FRAME  
FOR THE  
HILL-ROM ADVANTA BED  
Component List**

<u>Item #</u>	<u>Description</u>	<u>Qty</u>
6050-23	IV Rod & Clamp 23"x 3/4" dia. Curved	2
6045-18x3/4	IV Rod & Clamp 18"x3/4" dia. Straight	2
6095-31	Head Upright Offset 31"	1
6090-31	Head Upright 31" (at foot of bed)	1
6065-36	Plain Bar 36"	2
6070	Telescoping Bar	1
6040	Trapeze Assembly	1
6100	Stabilizing Bar (no charge)	2

(Two Stabilizing Bars are recommended for all single telescoping frames. So strongly does TMI feel these are needed that we provide the one Stabilizing bar listed above **Free of Charge** when a complete kit is ordered.)

**Step 1.** Insert the IV Rods & Clamps into IV Sockets with orange knobs facing the outside of the bed. The 23" curved "Rods" go at the foot end of the bed with the curve facing out.

**Step 2.** Attach two 36" Plain Bars to the IV Rods & Clamps. Hand-tighten the orange knobs.

**Step 3.** Attach Offset Head Upright (swivel clamp end up) to center of Plain Bar at the head end of the bed. Hand-tighten the orange knob.

**Step 4.** Attach Straight Head Upright (swivel clamp end up) to the foot end of the bed. Hand-tighten the orange knob.

**Step 5.** Attach Telescoping Bar to the Uprights with the short end at the foot of the bed. The orange knobs should be on the same side of the Telescoping Bar. Hand-tighten the orange knobs.

**Step 6.** Attach one Stabilizing Bar to each upright (swivel clamp end up). Attach Swivel clamp end to the Telescoping Bar, making sure that the orange knobs are on the same side. Hand-tighten the orange knobs. If using only one stabilizing bar attach at the head end of the bed.

**Step 7.** Attach the Trapeze Assembly to the Telescoping Bar. Position and adjust Trapeze according to Patient's arm reach. Hand-tighten the orange knobs.

**Step 8.** Check all orange knobs for security and stability. This should be done on a regular basis. (Every time someone visits the patient's room!)



# TMI

## Total Care Traction Framing

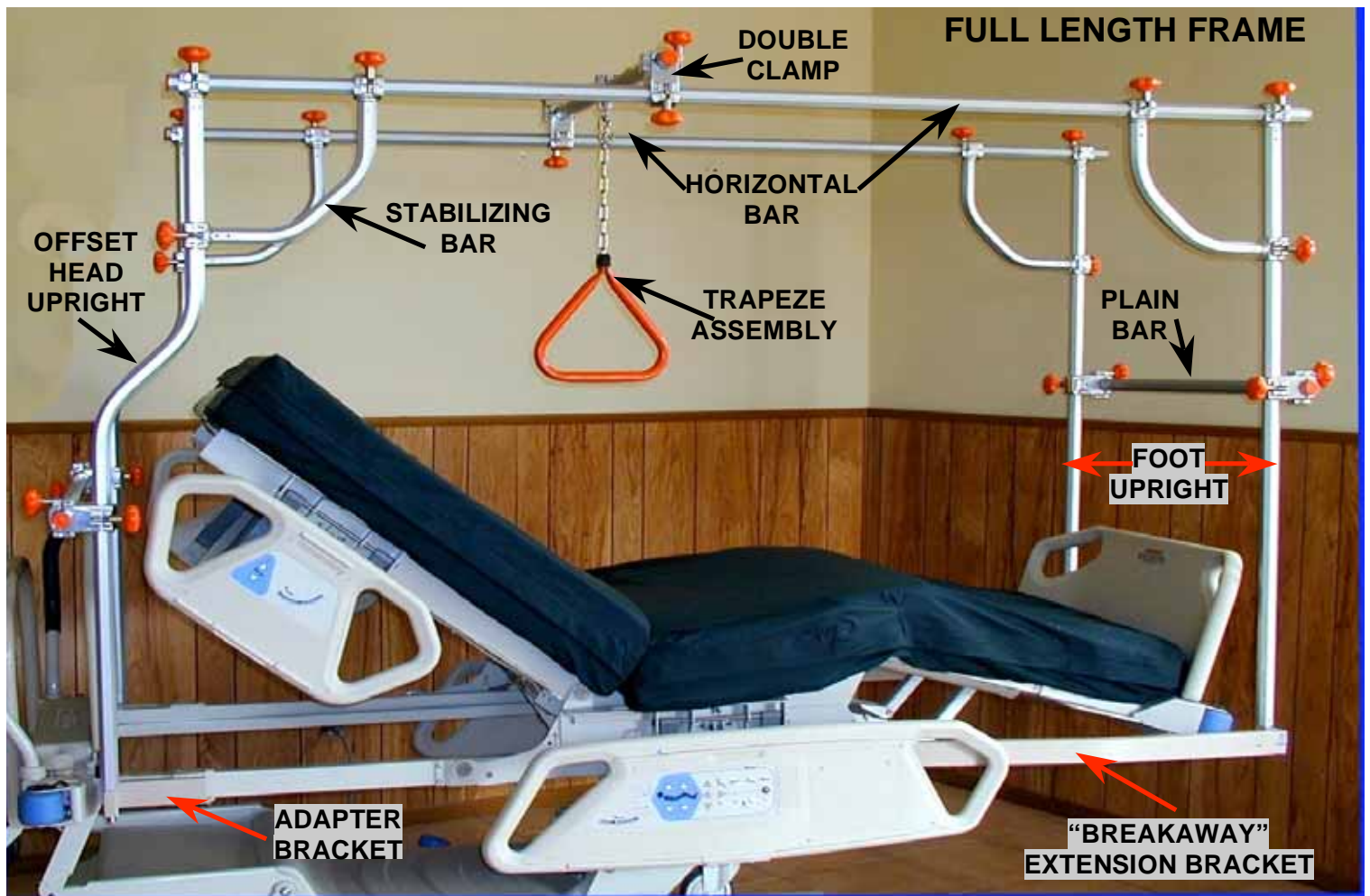
- ❖ **TMI** exclusive “**Breakaway**” Foot Extension Brackets. Our “Breakaway” Foot Bracket has a ring pin allowing for a quick release and removal of the extension thereby reducing the risk of injury and increasing safety when a traction frame is not needed.
- ❖ The **TMI** Full Length Frame Complete, when properly installed and maintained, will support 500 **lbs** patient weight. That is a full 200 lbs more than our competitors. Our tubing has the same outside diameter allowing you to attach your current equipment to our frame, but the wall of our tubing is thicker providing greater strength, safety and stability.
- ❖ The **TMI 4pc Adapter** set is designed to mount on the bed and be forgotten until needed. Once installed this Adapter set need not be removed. It is located on the frame beneath the mattress completely out of the way and does not interfere with any of the bed functions.
- ❖ The **TMI Full Length Frame** has Offset Head Uprights that curve around the lights located on the wall above the bed. This reduces the risk of damage to light fixtures and the risk of injury to patients from falling pieces of damaged light fixtures.
- ❖ The **TMI Full Length Frame** uses shorter Uprights allowing hospital staff to use the full range of the bed height without destroying the ceiling or removing the traction frame.
- ❖ **TMI safety orange** trapeze, knobs and end caps make locating equipment easier and helps reduce the risk of bumps and bruises.
- ❖ **TMI exclusive #6118-OF “2-n-1” Full Length Offset Frame Complete.** Our Full Length Frame comes complete with a 4pc Adapter set and 2 “Breakaway” Foot Extensions. Install the 4pc Adapter set and set up a short frame by placing the Straight Uprights into the Adapter sockets or connect the “Breakaway” Foot Extensions to the Adapters and you have a Long (Full Length) Frame. One purchase equals two options.

**#6118-OF** Kit consists of:

- 2 Horizontal Bars
- 2 Offset Head Uprights
- 2 Straight Foot Uprights
- 3 Plain Bars
- 6 Double Clamps
- 4 Stabilizing Bars
- 1 Trapeze Assembly
- 1 4pc Adapter Set
- 1 2pc “Breakaway” Foot Extension Set



- ❖ **Remember. One purchase equals two frame options, strength, stability and increased safety.**



**ASSEMBLY INSTRUCTION SHEET**  
**PRODUCT #6118-OF OFFSET FULL LENGTH FRAME**  
**FOR**  
**THE TOTAL CARE BED**

**Before you begin installation, remove & unwrap all parts from shipping carton. Verify that you have all the components before you discard the shipping carton. You should have the following components:**

**2 – Horizontal Bars, 2 – Offset Head Uprights, 2 – Straight Foot Uprights, 3 – Plain Bars,  
6 – Double (Cross) Clamps, 4 – Stabilizing Bars, 1 – Trapeze Assembly,  
1 – 4pc Adapter Set, and 1 - 2pc “Breakaway Foot Extension Set**

**Step 1.** Follow Traction Adapter instruction sheet (on page 12) to install the 4 pc Adapter Set.

**Step 2.** Slide one Foot Extension Bracket onto each TC adapter at the foot end of the Total Care Bed with the sockets facing in toward each other. Secure by inserting the ring pin through the bracket and the adapter. Insert lock pin into hole on lower portion of the ring pin.

**Step 3.** Insert one Upright into the socket provided on each adapter/extension. Open Clamps with the knobs to the outside of the bed. (Offset Uprights go at the head of the bed.) Insert lock pin into opening at the base of the Upright.

**Step 4.** Place one Horizontal Bar into the open Upright clamps on each side of the bed. Close the clamps, making sure the bar is resting on one of the flat sides, and hand-tighten the orange knobs.

**Step 5.** Attach one Double Clamp to each Upright. The Double Clamps should be turned out on the Head and Foot Uprights. (Turn clamps on Foot Uprights “in” if you have the smaller elevators.) Hand-tighten the knob closest to the Upright.

**Step 6.** Attach one 40” Plain Bar between the Double clamps at the head of the bed. Make sure the flat surface rests against the clamp. Close the clamps and hand-tighten the orange knobs.

**Step 7.** Attach the second 40” Plain Bar to the Double Clamps at the foot of the bed, again making sure a flat side rests against the clamp. Hand-tighten only the Double Clamp on the Upright to the right (as you are facing the footboard) side. In order to provide the proper foot extension clearance and frame stability, it is necessary to apply tension between the left foot upright and the Plain Bar.

**Step 8.** Pull outward on the left Upright while pushing the plain bar in the opposite direction. Secure in place by hand-tightening the orange knob.

**Step 9.** Attach the remaining two double clamps across from each other on the Horizontal Bars. Place the third 40” Plain Bar into the Double Clamps, making sure a flat side rests against the Double Clamps. Close the Clamps and hand-tighten the orange knobs.

**Step 10.** Attach the Trapeze Assembly to the Plain Bar between the Horizontal Bars. Position and adjust Trapeze according to Patient’s arm reach. Hand-tighten the orange knobs.

**Step 11.** Attach one Stabilizing Bar to each corner formed by the joining of the Upright to the Horizontal Bar, making sure that the orange knobs are outside of the frame and that the clamps all rest against a flat surface. Hand-tighten the orange knobs.

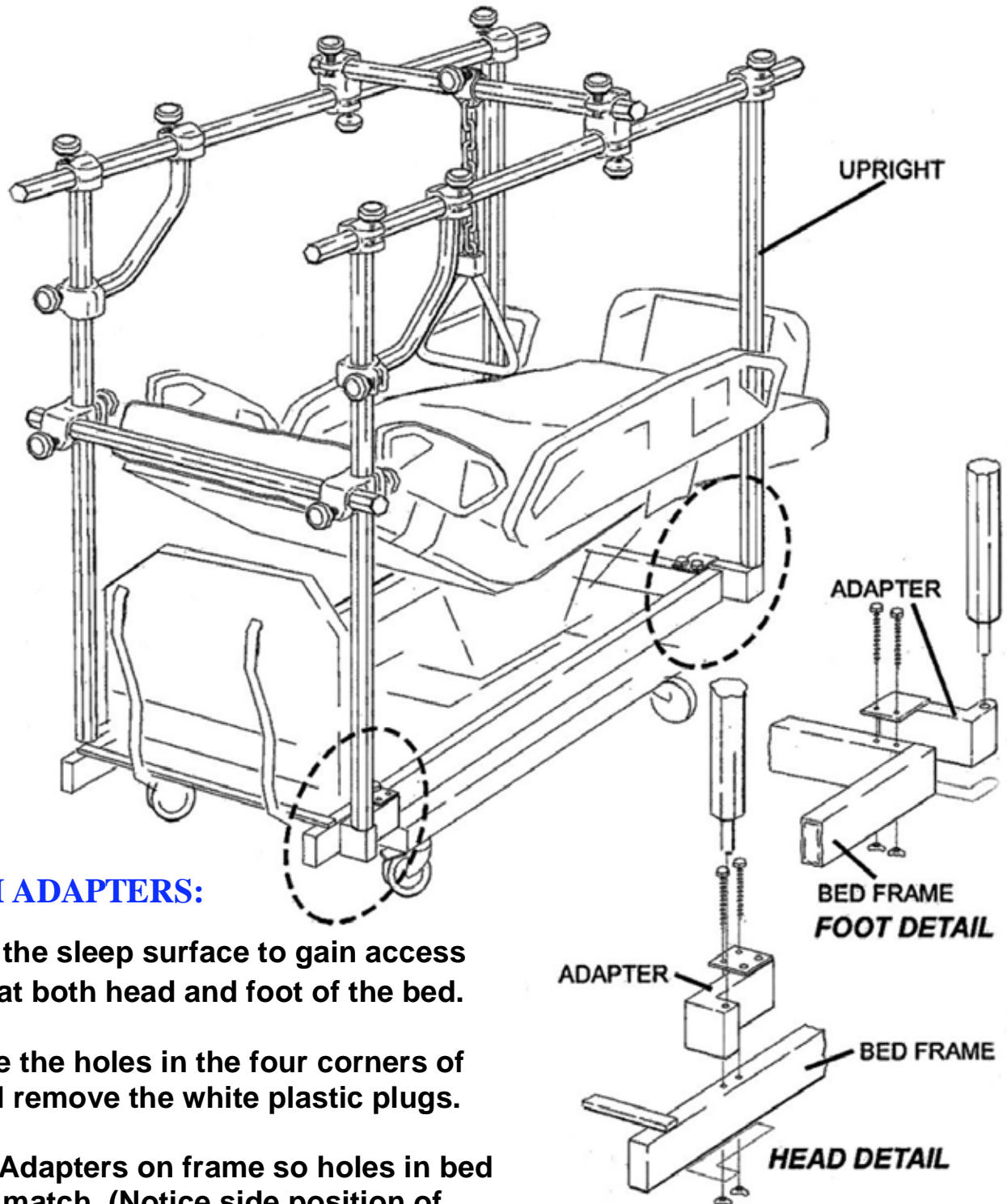
**Step 12.** Check all orange knobs for security and stability. This should be done on a regular basis.

**Note: ALL KNOBS ARE HAND-TIGHTEN ONLY. Do not use excessive force or devices to tighten the knobs.**



# Total Care **Bed Traction System**

**TMI** Product #6121 TC Traction Adapter 4pc Set



## **TO ATTACH ADAPTERS:**

**Step 1.** Raise the sleep surface to gain access to bed frame at both head and foot of the bed.

**Step 2.** Locate the holes in the four corners of the frame and remove the white plastic plugs.

**Step 3.** Align Adapters on frame so holes in bed and adapters match. (Notice side position of adapter at the head and end positioning at the foot.)

**Step 4.** Push bolts through adapter plate and frame. Secure with nuts and tighten with a 1/2 wrench.

# Total Care Patient Helper

## #6126



Order Number: 6126→

The over-head patient helper provides assistance to patients in lifting themselves while in bed. The Double Curve Bar swivels to aid the patient in getting out of bed. The steel Upright is height adjustable. By the means of the attached clamp, the Trapeze Assembly can be adjusted along the length of the Octagonal Bar and, with the attached “S” Hook the chain can be shortened to accommodate Patients with a longer reach. This unit is shipped complete with bed adapter bracket, Upright, “extension” bars and trapeze assembly.

This is the strongest, most versatile unit available. Supports 300 lbs patient weight when properly installed & maintained.



**The Patient Helper bed adapter bracket is constructed of steel and is available individually.**

← **Product Number: 6127**

(Knobs may be custom colored for an additional charge.)

\*To order or request additional information please contact **TMI®** Texas Medical Industries, Inc.

PH: **(800) 332-9556** or Fax: **(800) 636-1864**



# Installation Instructions

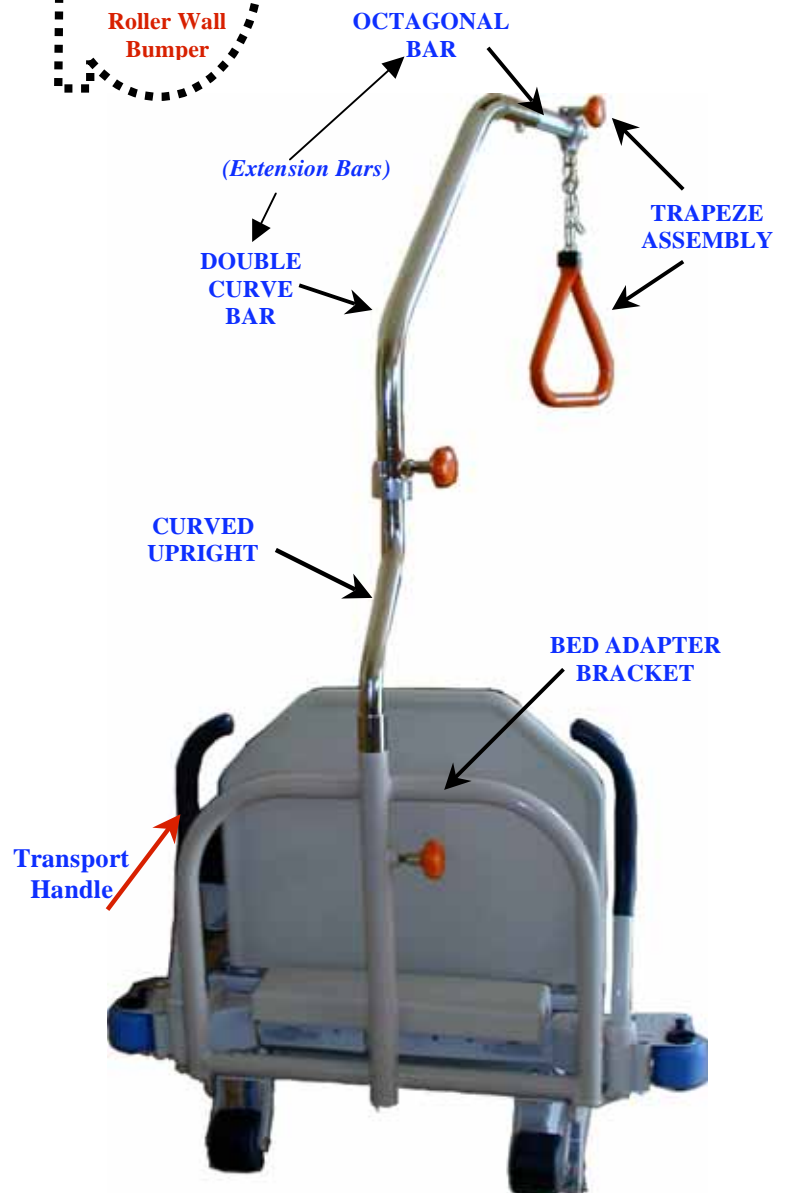
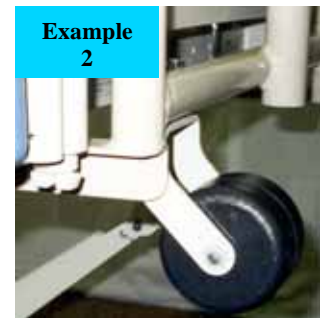
## #6126

### Total Care Patient Helper

#### Section A

##### INSTALLING THE BRACKET

- 1) Raise the bed frame to facilitate bracket installation.
- 2) Remove lower roller wall bumpers from bed frame. (See picture example #1.) Discard bolts.
- 3) Attach roller wall bumpers inside bottom corners of bracket. Secure with bolts provided by TMI. (Reference picture example #2 for proper positioning)
- 4) Slide Patient Helper Bracket between transport handles and align bolt holes in bracket arms to bolt holes in bed frame. Place spacer plates between underside of bed frame and lower bracket arms. Secure using bolts provided.



#### Section B

##### INSTALLING THE TRAPEZE

- 1) Lower the bed frame to facilitate Upright installation.
- 2) Insert Curved Upright into tubular opening in the bracket. Tighten by hand the knob on the bracket to secure the upright in place.
- 3) Connect Octagonal Bar to the Double Curved Bar forming the overhead extension.
- 4) Attach overhead extension to the Curved Upright. Tighten knob to secure.
- 5) Suspend the trapeze assembly from the Octagonal Bar and tighten the clamp by hand.



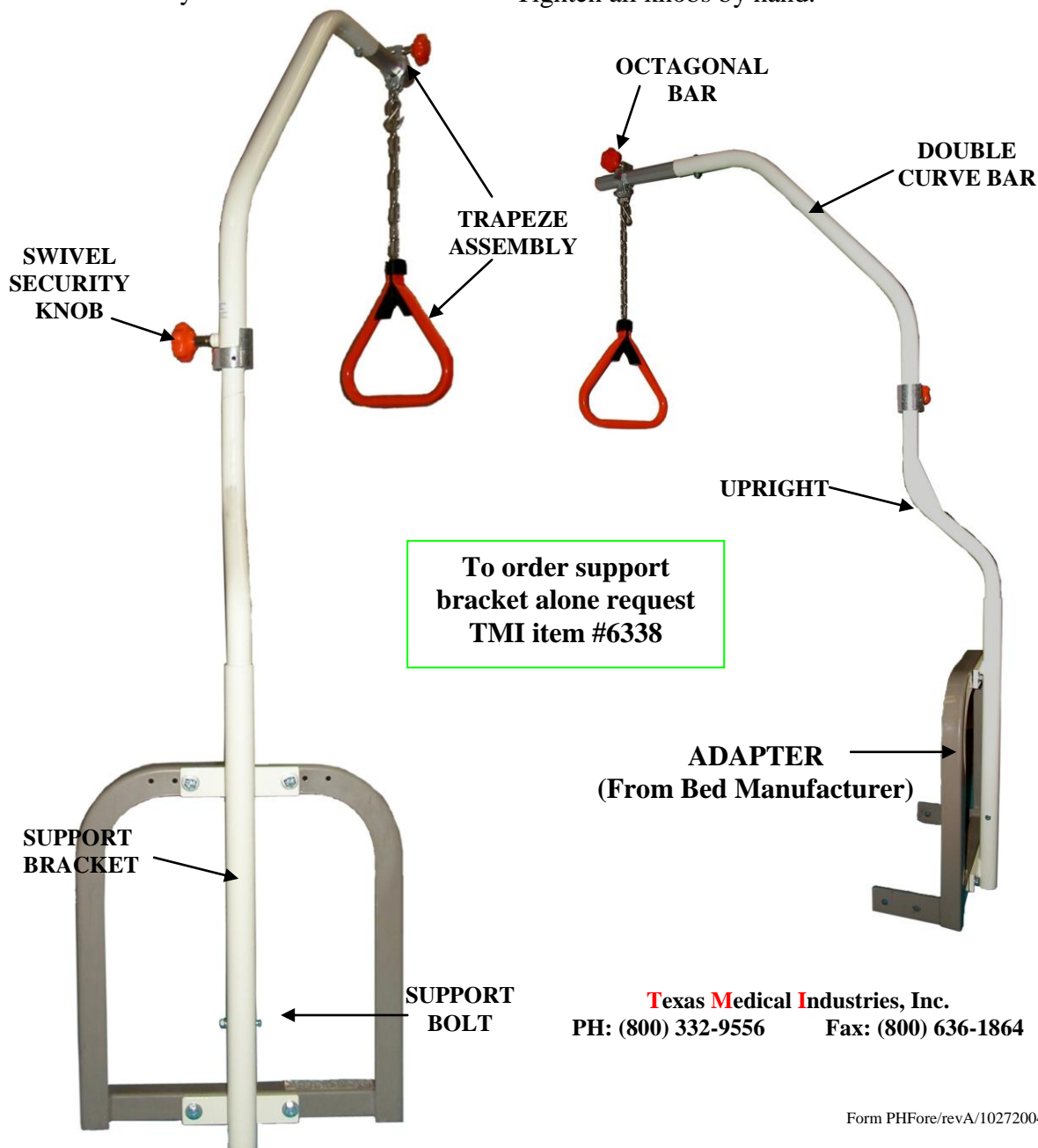
# **TMI** Single Upright Patient Helper Trapeze Unit

## **Item # 6337**

This unit consists of a single upright composed of three sections with the trapeze attaching to the third section made of octagonal tubing. The remaining two sections are of coated steel with adjustable swivel action in the double curve bar. The upright slides into a support bracket constructed of coated steel for added strength. The support bracket is attached to a bed adapter you obtain from the bed manufacturer. Rated at a maximum weight capacity of 290 lbs when properly installed. All knobs should be security checked several times a day.

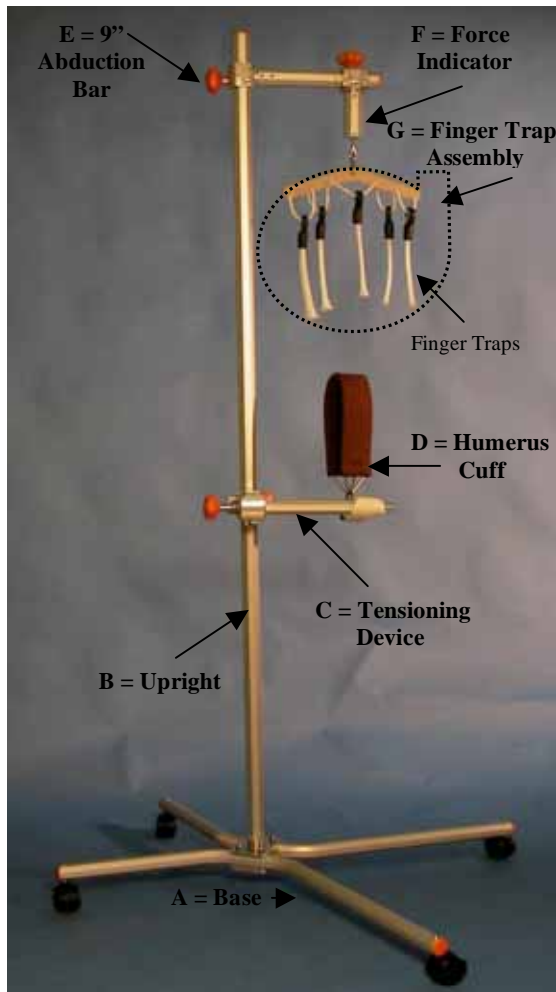
### **Application is as follows:**

- 1) Attach horseshoe shaped bed adapter to head of bed.  
*(Available from Bed Manufacturer)*
- 2) Attach support bracket (#6338) to bed adapter using bolts provided.
- 3) Place upright into the support bracket and secure with support bolt provided.
- 4) Slide octagonal bar into Double curve bar forming the overhead extension. Secure with bolt provided.
- 5) Insert curved bar section into upright. Tighten swivel security knob to secure.
- 6) Suspend Trapeze Assembly from the octagonal bar.
- 7) Adjust all knobs and the trapeze to position desired. Tighten all knobs by hand.



**Texas Medical Industries, Inc.**  
PH: (800) 332-9556 Fax: (800) 636-1864

## Forearm Reduction Unit Complete



**Item Number: 6853**

**Components:**

- A. 6854 – Base**
- B. 6855 – Upright**
- C. 6856 – Tensioning Device**
- D. 6857 – Humerus Cuff**
- E. 6075-09 Abduction Bar 9"**
- F. 6858 – Force Indicator**
- G. 6859 – Finger Trap Assembly**

The finger traps are also available as replacements:

<u>Item Number:</u>	<u>Size</u>
6861-00	Pedo
6861-01	SM
6861-02	MD
6861-03	LG
6861	MIXED SET
SET = 1-SM, 2-MD, & 2-LG.	

The forearm reduction device is a method of aiding the Physician-Technologist in the reduction of a forearm fracture and an aid in maintaining the reduction as a cast is applied. This device is also useful in obtaining an x-ray post reduction.

The patient's forearm is held in an upright position by the \*Finger Traps, (G), using all five fingers. The Humerus cuff, (D), is attached around the humerus to obtain a counter force. The traction force is achieved by use of the tensioning device, (C). The Force Indicator, (F), is used to determine the amount of force applied. The physician prescribes the amount of force.

### ASSEMBLY INSTRUCTIONS

Attach the 66" upright, (B), to the base, (A), using a wrench to secure.

Attach the tensioning device, (C), as pictured to the upright.

Attach the humerus cuff, (D), to the tensioning device as pictured.

Attach the 9" abduction bar, (E), to the upright as pictured.

Attach the force indicator, (F), to the 9" abduction bar at the top of the upright.

Attach the finger trap assembly, (G), to the force indicator.

**\*Finger traps are made of nylon and are auto-clavable.**

## Hollywood Traction Frame Unilateral

Floor model for quick set up of Bucks traction when a traction frame is unavailable.

### Item Number

6816



## Improved Cervical Extension Hook

Strong octagonal aluminum tubing may be used for quick set up of cervical traction. May also be converted for use in bi-lateral bucks traction.

### Item Number

6820



## Bi-Lateral Bar Hollywood Traction

This bar converts the Hollywood traction unit from unilateral to bi-lateral traction.

### Item Number

6817



## Bucks Angled Pulley Set Complete.

For quick economical traction, this bracket slips over the footboard for single leg bucks traction or reverse it to the headboard cervical traction.

### Item Number

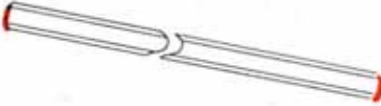
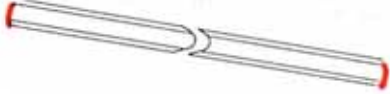



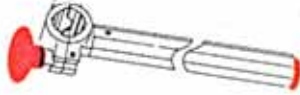




6822

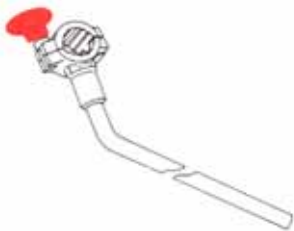

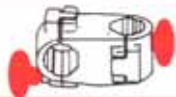

















# UNI-CODE<sup>®</sup>

## TRACTION COMPONENTS

DESCRIPTION	COMPONENT	UNI-CODE <sup>®</sup>	CAT. NO.
<b>PLAIN BAR</b> 27" (69CM) 36" (90CM) 38" (95CM) 40" (100CM) 48" (122CM) 66" (168CM)		<b>PLAIN BAR</b>	6065-27" 6065-36 6065-38 6065-40 6065-48 6065-66
<b>HORIZONTAL BAR</b> 85" (216CM) 96" (244CM) 102" (259CM) 108" (274CM)		<b>HORIZONTAL BAR</b>	6065-85 6065-96 6065-102 6065-108
<b>TELESCOPING ADJUSTABLE BAR</b>		<b>ADJUSTABLE BAR</b>	6070
<b>OVER &amp; UNDER TELESCOPING BAR</b>		<b>OVER &amp; UNDER BAR</b>	6071
<b>ABDUCTION BAR (SINGLE CLAMP BAR)</b> 5" (13CM) 9" (23CM) 18" (46CM) 27" (69CM) 36" (90CM)		<b>ABDUCTION BAR (SINGLE CLAMP BAR)</b>	6075-5 6075-9 6075-18 6075-27 6075-36
<b>UPRIGHT WITH SWIVEL CLAMP (SWIVEL CLAMP BAR)</b> 48" (122CM) 66" (168CM)		<b>FOOT UPRIGHT</b>	6080-48 6080-66
<b>HEAD UPRIGHT (DOUBLE CLAMP BAR)</b> 27" (69CM) 31" (79CM) 35" (89CM)		<b>HEAD UPRIGHT</b>	6090-27 6090-31 6090-35
<b>HEAD UPRIGHT OFFSET (OFFSET DOUBLE CLAMP BAR)</b> 27" (69CM) 32" (79CM) 35" (89CM)		<b>OFFSET HEAD UPRIGHT</b>	6095-27 6095-32 6095-35
<b>CENTER CLAMP BAR</b> 27" (69CM) 36" (90CM)		<b>CENTER CLAMP BAR (TRACTION BAR)</b>	6085-27 6085-36
<b>STRAIGHT IV ROD &amp; CLAMP</b> 4" (10CM) 1/2" DIA 7" (18CM) 3/4" DIA 12" (30CM) 1/2" DIA 13" (33CM) 3/4" DIA 16" (41CM) 3/4" DIA 18" (45CM) 3/4" DIA 19" (49CM) 3/4" DIA		<b>I.V. ROD &amp; CLAMP STRAIGHT</b>	6045-4x 6045-7 6045-12x 6045-13 6045-16 6045-18 6045-19 6045-20x 6045-21 6045-24x

DESCRIPTION	COMPONENT	UNI-CODE®	CAT. NO.
<b>CURVED IV ROD &amp; CLAMP</b>  4" (10cm) ½" dia. 12" (30cm) ½" dia. 13" (33cm) ¾" dia. 16" (41cm) ½" dia. 18" (45cm) ¾" dia. 20" (51cm) ½" dia. 21" (54cm) ¾" dia. 23" (58cm) ¾" dia. 24" (60cm) ½" dia.		<div>CURVED I.V. ROD AND CLAMP</div>	6050-04X 6050-12X 6050-13 6050-16X 6050-18 6050-20X 6050-21 6050-23 6050-24X
<b>STABILIZING BAR</b> (Curved Double Clamp Bar)		<div>STABILIZING BAR</div>	6100
<b>DOUBLE CLAMP</b> (Cross Clamp)		<div>DOUBLE CLAMP (CROSS CLAMP)</div>	6105
<b>TOP CLAMP</b> (Panel Clamp Upper)		<div>TOP CLAMP (PANEL CLAMP UPPER)</div>	6110
<b>BOTTOM CLAMP</b> (Panel Clamp Lower)		<div>BOTTOM CLAMP (PANEL CLAMP LOWER)</div>	6115
<b>TRAPEZE ASSEMBLY</b>		not coded	6040
<b>BALL BEARING PULLEY &amp; CLAMP</b>		not coded	6055
<b>NYLON PULLEY &amp; CLAMP</b>		not coded	6060
<b>SIDE-ARM UNDER MATTRESS CLAMP</b>		not coded	6120
<b>SIDE-ARM REST</b>		not coded	6125
<b>ROLLER TYPE WALL PROTECTOR</b>		not coded	6130
<b>I.V. BAR</b>		not coded	6135
<b>SWIVEL CLAMP BAR WITH PULLEY</b> 9" (23cm)		not coded	6076-09
<b>DIRECTIONAL PULLEY BAR</b> 9" (23cm)		not coded	6077-09
<b>DOUBLE PULLEY BAR</b> 18" (46cm)		not coded	6078-18
<b>BUCK'S ANGLED PULLEY BAR</b> 40" (102cm)		not coded	6079-40



## Head Halter - Flexion

A uniquely tailored and designed head halter that transfers the pull to the occiput area. Foam lined with pellow interface. May be used with or without a spreader bar.

<u>Item Number</u>	<u>Size</u>
700-01	SM
700-02	MD
700-03	LG



## Over-Door Traction Unit

Kit includes instruction booklet, mounting bracket, bar with two pulleys, traction cord, 12" spreader bar, head halter and 20lb water weight bag.

<u>Item Number</u>
2500



## Head Halter Disposable

Chin and occiput pads covered with flannel, padded with ply-foam pads. 12pk

<u>Item Number</u>	<u>Size</u>
710	Univ.



## Hand Grip Assembly & Exerciser

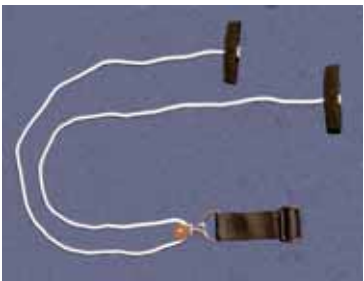
<u>Item Number</u>
2095



## Head Halter Foam Padded - Sized

Standard design foam padded with velfoam interface.

<u>Item Number</u>	<u>Size</u>
730-01	SM
730-02	MD
730-03	LG



## Shoulder Exerciser Economy

Kit includes instruction booklet, catch strap with pulley, cord and two handles.

<u>Item Number</u>
2503



## Head Halter Universal

Universal size foam padding with velfoam interface contoured chin piece. Most effectively used in horizontal position. May be used with or without a spreader bar.

<u>Item Number</u>	<u>Size</u>
740	Univ.



## Shoulder Exerciser Deluxe

Kit includes mounting bracket, bar, pulley, cord and two handles.

<u>Item Number</u>
2504





## Humerus Traction Device Dunlop

Eliminates most problems encountered with Dunlop Traction. Easily applied. Contains all the essentials for basic skin traction in one unit. Convoluted foam.

<u>Item Number</u>	<u>Size</u>
129-01	SM
129-02	MD
129-03	LG



## Arm Elevator

Designed to elevate the extremity before and after surgery. Pressure sensitive closure. Washable.

<u>Item Number</u>	<u>Size</u>
2413	Univ.



## Pelvic Traction Belt Single Pull – Baylor

A pelvic traction belt designed for correct fit and proper traction pull. Concentrates the pull to the lumbar region. Easily applied. Unique design assures exact fit of both male and female from size 28 to 52.

<u>Item Number</u>	<u>Size</u>
100-01	28"-34"
100-02	34"-40"
100-03	40"-46"
100-04	46"-52"



## Pelvic Traction Belt Single Pull – Elastic

Special elastic panels distribute support evenly for patient comfort and effective economical traction. Contoured design. Universal single pull belt.

<u>Item Number</u>	<u>Size</u>
121	20" – 40"
122	40" – 60"



## Pelvic Traction Belt Double Pull – Baylor

This belt has been thoroughly researched for correct fit and proper traction pull. Unique design with double contour 6" adjustment.

<u>Item Number</u>	<u>Size</u>
200-01	28" – 34"
200-02	34" – 40"
200-03	40" – 46"
200-04	46" – 52"

Design Coordinators for the Baylor Pelvic  
Traction Belt

- ❖ Mrs. June Brumbaugh, RN
- ❖ Mrs. Linnea Carlson, RN CRS
- ❖ Mrs. Luella Moore, PGP

Baylor University Medical Center  
Dallas, Texas



## Pelvic Traction Belt Double Pull – Universal

Constructed of 3/8" velfoam with elastic tension panel. Straps may be positioned for correct pull. Available in two widths, universal in size.

<u>Item Number</u>	<u>Size</u>
202	12"
203	10"



## Pelvic Belt Cotrel – (Fabric)

Simplified design for Cotrel traction, constructed of heavy elastic and felt back. Double pull. Applied easily.

<u>Item Number</u>	<u>Size</u>
251-00	24" – 28"
251-01	28" – 32"
251-02	32" – 36"
251-03	36" – 40"
251-04	40" – 44"



## Pelvic Sling Complete

Canvas sling lined with Trevira®, 2 triangles for sling, spring with "S" hook, and adjustable spreader bar 22".

<u>Item Number</u>
4030



## Canvas Sling

Constructed of heavy canvas duck with Trevira® lining.

<u>Item Number</u>	<u>Size</u>
4031	12x42
4032	15-42



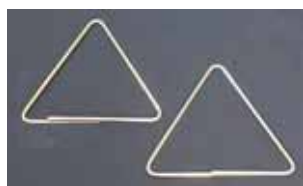
## Spring With "S" Hook

<u>Item Number</u>
4033



## Spreader Bar 22" Adjustable

<u>Item Number</u>
4036



## Triangles For Pelvic Sling

<u>Item Number</u>
4037



## Knee Sling\* Trevira®

Constructed of soft Trevira® this knee sling has a flexible stay underneath the knee to prevent rolling. Washable.

<u>Item Number</u>	<u>Size</u>
2285-01	8.5"x 17"
2285-02	10" x 18"
2285-03	10" x 24"

\*Spreader bar sold separately.



## Leg Exercise Kit

Kit includes one large knee sling, one 12" spreader bar, one handgrip assembly and ten feet of traction cord.

<u>Item Number</u>
2507



## Heel Protector Universal

Construction is of soft Trevira® with Hook & Loop closures. Fits right or left heel.

<u>Item Number</u>	<u>Size</u>
800	Univ.



## Bucks Boot No Stays

Constructed of convoluted beige foam without stays. Metal plate at base of foot to provide traction pull. May be cut to fit.

<u>Item Number</u>	<u>Size</u>
2411	Univ.



## Bucks Boot - Economy

Made of blue convoluted foam with "D" rings instead of a metal plate. No stays.

<u>Item Number</u>	<u>Size</u>
2411-E	Univ.



## Bucks Boot Deluxe with Stays

Eliminates most problems associated with Bucks Traction. May be used in any instance where leg traction is applied, such as Balanced Traction, Bryant's Traction, and traction using a Thomas Splint.

<u>Item Number</u>	<u>Size</u>
2412-0P*	Pedo
2412-00	XS
2412-01	SM
2412-02	MD
2412-03	LG
2412-04	XL

\* Pedo splint uses a "D" ring instead of the plate.



## Footboard Universal With Cover

This footboard utilizes an accordion fold to adjust to the patients' length and has a bed hook for ease of application.

<u>Item Number</u>
6809



## Footboard Cover - Foam

Cover secured to footboard with adhesive back Hook.

<u>Item Number</u>	<u>Size</u>
5004	24"x 14"



## Footboard Cover Trevira®

This product has a strap on the back to secure it to the footboard.

<u>Item Number</u>	<u>Size</u>
5005	24" x 16"



## Folding Cover Support

<u>Item Number</u>	<u>Size</u>
4034-01	12"x 18"
4034-02	17"x 24"
4034-03	24"x 36"



## Thomas Half Ring Splint

Constructed of radiolucent aluminum channel with a plasti-coated half ring to support the thigh. Splint includes one each: ischium pad, ring pad and thigh strap. Dimensions for the splints are as follows.

<u>Item Number</u>	<u>Size</u>	<u>Size</u>	<u>Length</u>	<u>Ring Dia.</u>
2005-00	Pedo	Pedo	19"	6"
2005-01	SM	SM	33 3/8"	7 3/8"
2005-02	MD	MD	39 3/4"	8 3/4"
2005-03	LG	LG	45"	11"
2005-04	XL	XL	45"	13 3/4"

The pediatric or "Pedo" splint may also be referred to as extra small.

**Ring Width: All rings are 3" wide.**



## Thomas Half Ring Splint Complete

This kit contains the Thomas Half Ring Splint plus all of the accessories. One each of the thigh strap, ring pad, ischium pad, leg support and a Pearson attachment.

<u>Item Number</u>	<u>Size</u>
2035-00	Pedo
2035-01	SM
2035-02	MD
2035-03	LG
2035-04	XL



## Pearson Attachment

Radiolucent Aluminum Channel used as a leg support accessory to the Thomas Half Ring Splint.

<u>Item Number</u>	<u>Size</u>
2020-00	Pedo
2020-01	SM
2020-02	MD
2020-03	LG & XL



## Ring Pad Trevira®

<u>Item Number</u>	<u>Size</u>
2007-00	Pedo
2007-01	SM
2007-02	MD
2007-03	LG
2007-04	XL



## Ischium Pad - Foam

The ischium pad is applied to the half ring beneath the ring pad. This provides an additional cushion to aid in patient comfort and helps prevent the ring pad from sliding.

<u>Item Number</u>	<u>Size</u>
2033-00	Pedo
2033-01	SM
2033-02	MD
2033-03	LG
2033-04	XL



## Thigh Strap

Constructed of 1" wide webbing.

<u>Item Number</u>	<u>Size</u>
2034-00	Pedo
2034-01	SM
2034-02	MD
2034-03	LG
2034-04	XL



## Leg Support Trevira®

One piece unit that may be attached to the Thomas splint or the Pearson attachment.

<u>Item Number</u>	<u>Size</u>
2030-00	Pedo
2030-01	SM
2030-02	MD
2030-03	LG
2030-04	XL



## Pad Set – Four Piece For Thomas Splint

This kit contains all four pads for the Thomas Half Ring Splint. One each of the thigh strap, ischium pad, ring pad and the leg support.

<u>Item Number</u>	<u>Size</u>
2048-00	Pedo
2048-01	SM
2048-02	MD
2048-03	LG
2048-04	XL



## Foot Support

Includes one support pad.

<u>Item Number</u>	<u>Size</u>
2015-00	Pedo
2015-01	SM
2015-02	MD
2015-03	LG & XL



## Support Pad – Velfoam For Foot Support

<u>Item Number</u>	<u>Size</u>
2016-00	Pedo
2016-01	SM
2016-02	MD
2016-03	LG



## Heel Rest

<u>Item Number</u>	<u>Size</u>
2025-01	SM
2025-02	MD
2025-03	LG&XL



## Balanced Suspension Adjustable Splint / Complete

This radiolucent aluminum splint has an adjustable bar across the thigh. This kit comes complete with a Pearson attachment and one leg support.

Please specify right or left leg support pad when ordering.

<u>Item Number</u>	<u>Size</u>	<u>Expandable Thigh Width</u>
2042-00	Pedo	Medium = 10" – 15.5"
2042-02	MD	Large = 11.5" – 17.5"
2042-03	LG	Pedo splint is 7" non-adjustable.

Splint length is the same as the Thomas Half Ring Splint.



## Balanced Suspension Adjustable Splint Only

This splint is constructed of radiolucent aluminum and may be used for the either the right or left leg.

<u>Item Number</u>	<u>Size</u>	<u>Expandable Thigh Width</u>
2036-00	Pedo	Medium = 10" – 15.5"
2036-02	MD	Large = 11.5" – 17.5"
2036-03	LG	Pedo splint is 7" non-adjustable.

Splint length is the same as the Thomas Half Ring Splint.



## Pearson Attachment

This is a radiolucent aluminum leg support attachment to the balanced suspension splint.

<u>Item Number</u>	<u>Size</u>
2037-00	Pedo
2037-02	MD
2037-03	LG



## Leg Support – Trevira® With Hook & Loop Attachments.

For right leg order:

For left leg order:

<u>Item Number</u>	<u>Size</u>	<u>Item Number</u>	<u>Size</u>
2039-00	Pedo	2040-00	Pedo
2039-02	MD	2040-02	MD
2039-03	LG	2040-03	LG



## Support Pad – Velfoam For Heel Rest

<u>Item Number</u>	<u>Size</u>
2026-01	SM
2026-02	MD
2026-03	LG&XL



## Foot Support

Kit comes with one support pad.

<u>Item Number</u>	<u>Size</u>
2038-00	Pedo
2038-02	MD
2038-03	LG





## Emergency Leg Traction Kit Complete

This kit utilizes the Thomas Half Ring Splint and a Redi-Ratchet to make an emergency leg traction splint.

<u>Item Number</u>	<u>Size</u>
2008	Univ.
2008-SP	Univ. X-long



## Spreader Bars - Straight

<u>Item Number</u>	<u>Size</u>
2740-06	6"
2740-09	9"
2740-12	12"



## Traction Cord

3/16" Polpropylene cord available in three lengths.

<u>Item Number</u>	<u>Size</u>
1700-01	100'
1700-05	500'
1700-15	1500'



## Spreader Bar – Adjustable

Steel Bar adjusts from 4" to 12".

<u>Item Number</u>
4038



## Spreader Bar For Pelvic Belt Traction

<u>Item Number</u>	<u>Size</u>
2730-22	22"



## Bohler Bows

Steinmann pin holder constructed of stainless steel with thumbscrews to secure the pin to the holder.

<u>Item Number</u>	<u>Size</u>	<u>Length</u>	<u>Width</u>
4100-01	SM	5 1/2"	3 1/4"
4100-02	MD	8 1/4"	4 3/8"
4100-03	LG	10 1/2"	5 1/2"

Replacement Screws sold in pairs:

<u>Item Number</u>
4099



## Spreader Block

<u>Item Number</u>	<u>Size</u>
2750-03	3"
2750-04	4"



## Finger Traction Bow

Pin holder for fingers. Includes allen wrench.

<u>Item Number</u>	<u>Size</u>
4104-02	2"
4104-03	3"
4104-04	4"



## Positioning Sand Bags

Blue Vinyl covered, sand filled bags sold by dimensions.

<u>Item Number</u>	<u>Size</u>
2700-04	4"x 4"
2700-10	10"x5"
2700-18	18"x 5"
2700-24	24"x 5"
2700-36	36"x 5"



## Spreader Bars - Angled

<u>Item Number</u>	<u>Size</u>
2085-06	6"
2085-09	9"
2085-12	12"



## Sand Traction Weight Bags

Blue vinyl filled with the weight silk screened in bold red numbers.

<u>Item Number</u>	<u>Size</u>
2710-01	1#
2710-02	2#
2710-05	5#
2710-10	10#



## Cast Iron Traction Weights

Weight shown in raised lettering.

<u>Item Number</u>	<u>Size</u>
2760-01	1#
2760-02	2#
2760-05	5#



## Wall Bumper Horn

Used to protect the walls and the traction frame from damage by contact.

Item Number

6131



## Water Weight Bag

Has a 20 lb capacity.

Item Number

2711



## Bar End Covers – Vinyl Orange

Sold individually.

Item Number

6137



## Traction Weight Bag Holders

Canvas

Item Number

2709



## End Protectors – Foam

Blue. Sold six to a package.

Item Number

6138



## Weight Bag Hanger

Nickel plated steel hanger for use with sand traction weight bags.

Item Number

2720



## Stockinet

Cotton - Natural

<u>Item Number</u>	<u>Size</u>
1100-01	1"x 25yds
1100-02	2"x 25 yds
1100-03	3"x 25yds
1100-04	4"x 25yds
1100-06	6"x 25yds

Also available in Black  
Item Number      Size

1101-01	1"x 25 yds
1101-02	2"x 25 yds



## Weight Carrier

For use with cast iron weights.

<u>Item Number</u>	<u>Size</u>
2770-05	5"
2770-08	8"
2770-13	13"



## Stockinet

Synthetic - White

<u>Item Number</u>	<u>Size</u>
1100-01S	1"x 25yds
1100-02S	2"x 25yds
1100-03S	3"x 25yds
1100-04S	4"x 25yds



## Bandages

Elastic 12pk

<u>Item Number</u>	<u>Size</u>
1900-02	2"
1900-03	3"
1900-04	4"
1900-06	6"



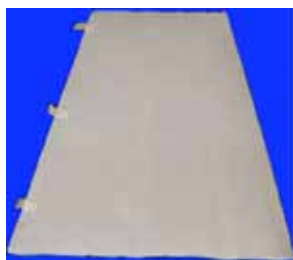
## Orthopaedic Felt

Wool

<u>Item Number</u>	<u>Size</u>
1220-1/2	36"x21"x1/2
1220-1/4	36"x21"x1/4
1220-1/8	36"x21"x1/8

A synthetic felt is also available.

<u>Item Number</u>	<u>Size</u>
1220-S	36"x21"x1/4



## Cast Liner Wrap

Velfoam sheet with three Hook closures.

<u>Item Number</u>	<u>Size</u>
1638	Univ.



## Cast Stand Adjustable - Short

<u>Item Number</u>
4000

The **Abduction Pillow** is a simple method for efficient post-operative management of hip surgery patients. Maintains constant abduction enabling the patient to change positions without endangering affected hip. May be applied immediately post-operative.



## Abduction Pillow Short

This foam pillow has four leg straps and is contoured to accommodate the shape of the leg. This "economy version" is slightly shorter than the #259 and #257 pillows.

<u>Item number</u>	<u>Size</u>
256-01	SM
256-02	MD
256-03	LG



## Abduction Pillow Heel Protective

This foam pillow has four leg straps and one strap to prevent drop foot. The "wings" give added heel protection. Stockinette surrounds the curve in the pillow to protect the skin from irritation by the foam.

<u>Item Number</u>	<u>Size</u>
257-01	SM
257-02	MD
257-03	LG



## Abduction Pillow Standard Curve

This foam pillow has four leg straps. Stockinette surrounds the curve in the pillow to protect the skin from irritation by the foam.

<u>Item Number</u>	<u>Size</u>
259-00	XS
259-01	SM
259-02	MD
259-03	LG



## Lumbar Roll

5" wide by 11" long foam pillow. Durable cover is removable.

### Item Number

2598-11



## Cervical Roll

3 1/2" wide by 17" long foam pillow. Light blue cover is removable.

### Item Number

2598-17



## Flexion Pillow

This is a comfortable pillow that assures cervical flexion in any position. May be used as a positioning pillow. Zippered cover may be purchased separately.

### Pillow: Item Number

2600

### Cover: Item Number

2601



## Drape Stand

The TMI drape stand is constructed of the same sturdy, octagonal aluminum extrusion as our traction framing, offering strength and durability for years of lasting use. The base on each upright has four locking casters to prevent slipping. The drape stand can be adjusted by length and height to accommodate each situation. One of the uprights has a swing clamp that makes storage easy.

### Item Number

6826



**Maximum Dimensions: Width = 10'3"**  
**Height = 8'6"**

## Mobile Traction Cart

This durable mobile traction cart has an attractive wood grain finish and four “slide-out” drawers for storage. Three 6” (15cm) casters provide excellent mobility. Note: The 1.5” (4cm) space between the double walled pegboard is ideal for holding the longer bars. Comes complete with metal hooks to organize accessories. The small cart will hold one frame with traction accessories. The large cart will hold two frames plus all the necessary traction accessories.

<u>Item Number</u>	<u>Size</u>
<b>6849</b>	<b>SM</b>
<b>6850</b>	<b>LG</b>

All Dimensions are approximate

<b>6849</b>	<b>6850</b>
Width = 27”(69cm)	27” (69cm)
Height = 40.5” (103cm)	40.5” (103cm)
Length = 45” (114cm)	72” (183cm)



**6849**



**6850**



**6848**

## Mobil Traction Caddy

Lightweight caddy for easily transporting traction accessories from storage to the patient’s room.

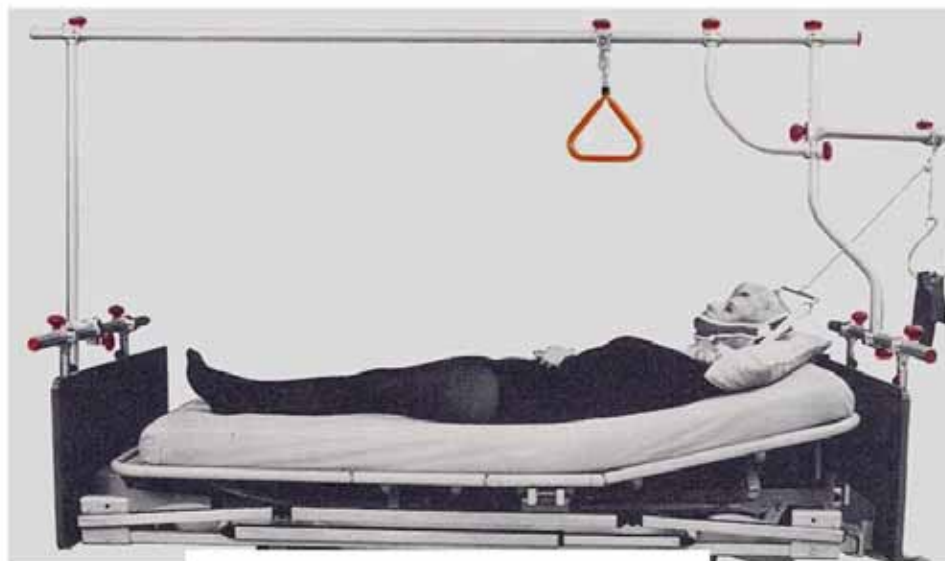
Item Number

**6848**

# UNI-CODE<sup>®</sup>

## TRACTION PROCEDURES

### CERVICAL TRACTION



**Cervical Traction with weights beyond head of bed**

#### Equipment Required

- 1 Basic frame set-up
- 1 9" (23cm) Abduction Bar (Cat. No. 6075-09).
- 1 Pulley and clamp (Ball bearing. Cat. No. 6055).
- 1 Weight bag hanger (Cat. No. 2720).
- 1set Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- 1 Traction cord (Cat. No. 1700).
- 1 Head halter (Cat. No. 700 series).
- 1 12" (30cm) spreader bar (Cat. No. 2740).

#### Recommended Accessories

- 1 Flexion pillow (Cat. No. 2600).



**Cervical Traction with weights at side of bed**

#### Equipment Required

- Same as above, but with the following additions:
- 1 18" (46cm) Abduction Bar (Cat. No. 6075-18).
  - 1 Pulley and clamp (Ball bearing. Cat. No. 6055).

#### INDICATION

1. To relieve pain of cervical arthritis.
2. To counteract muscle spasm associated with cervical disc syndrome.
3. To relieve severe torticollis (Wryneck).
4. To relieve static postural neck strain.

#### BED POSITION

Level, or with head end slightly elevated.

#### PATIENT POSITION

Flat on back.

#### APPLICATION

1. Explain procedure to the patient.
2. Place patient in comfortable, relaxed supine position, with shoulders flat.
3. Select proper sized head halter.
4. Gently apply head halter, making sure that the pull will be transmitted from the occipital area.
5. Be sure that all knots are securely tied and that the pulleys are running freely.
6. Important: Test set-up--by applying gentle manual force--before applying weights.
7. Avoid jolting by applying weights slowly and gently.
8. Maintain a minimum of a 45° angle of pull, for flexion.
9. The use of a flexion pillow is recommended.
10. Observe patient periodically to insure maintenance of proper traction.



# PELVIC TRACTION

## Equipment Required

- 1 Basic frame set-up.
- 1 9" (23cm) Abduction Bar (Cat. No. 6075-09).
- 1 Pulley and clamp (Ball bearing. Cat. No. 6055).
- 1 Weight bag hanger (Cat. No. 2720).
- 1set Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- 1 Traction cord (Cat. No. 1700).
- 1 Pelvic traction belt-single pull (Cat. No. 100 series).

## Recommended Accessories

- 1pr Heel protectors (Cat. No. 800).
- 1 Decubitus pad (Cat. No. 1300 series).

## Equipment required for Double Pull Pelvic Traction (1 set of weights).

- 1 Basic frame set-up.
- 1 9" (23cm) Abduction Bar (Cat. No. 6075-09).
- 1 Pulley and clamp (Ball bearing. Cat. No. 6055).
- 1 Weight bag hanger (Cat. No. 2720).
- 1set Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- 1 Traction cord (Cat. No. 1700).
- 1 22" (56cm) spreader bar-(Cat. No. 2730).
- 1 Pelvic traction belt-double pull (Cat. No. 200 series).

## Recommended Accessories

Same as above.

## Equipment requirement for Double Pull Pelvic Traction (2 sets of weights).

- 1 Basic frame set-up.
- 1 Double Clamp (Cat. No. 6105).
- 1 27" (69cm) Plain Bar (Cat. No. 6065-27).
- 2 Pulley and clamp (Ball bearing. Cat. No. 6055).
- 2 Weight bag hanger (Cat. No. 2720).
- 2sets Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- 1 Traction cord (Cat. No. 1700).
- 1 Pelvic traction belt-double pull (Cat. No. 200).

## Recommended Accessories

Same as above.



**Single Pull Pelvic Traction Belt**



**Double Pull Pelvic Traction Belt (1 set of weights)**



**Double Pull Pelvic Traction Belt (2 sets of weights)**

## INDICATION

1. Low back syndrome.
2. Relieve muscle spasm.
3. Diminish pressure on nerve roots.

## BED POSITION

Bed should be in Semi-Fowler position, as shown above. Foot of bed should be parallel to floor.

## PATIENT POSITION

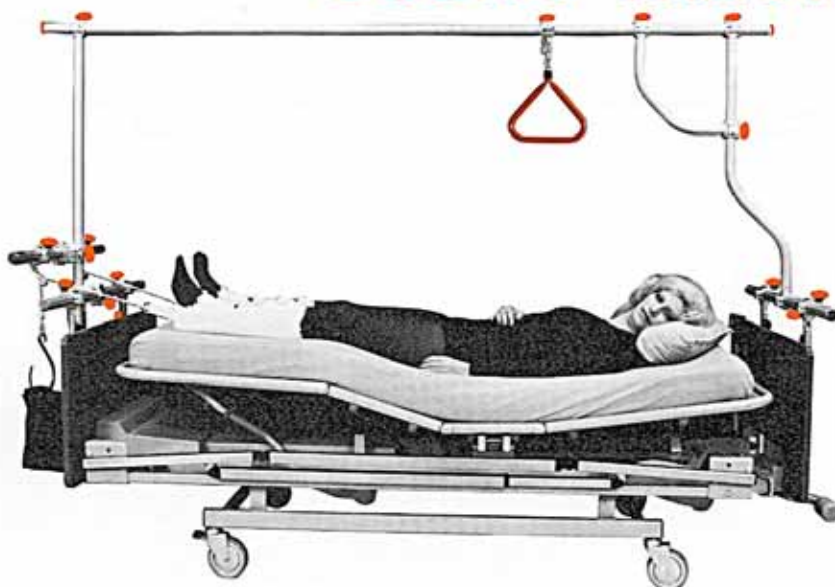
Flat on back.

## APPLICATION

1. Explain procedure to the patient.
2. Select the proper size pelvic belt by measuring girth at the crest of the ilium.
3. If patient is ambulatory, have him/her stand while applying pelvic belt.
4. Apply pelvic belt so that the top of the belt rides approximately 1" above the iliac crest.
5. Patient should be positioned comfortably and carefully onto the bed.
6. Position bed as illustrated above (Semi-Fowler).
7. Check and adjust strap(s) so that they are free and pull at the proper angle (Approximately 45°)
8. Position pulley(s) so that the angle of pull is approximately 45°.
9. Be sure that all knots are secure and the pulleys are running freely.
10. Gently place the prescribed amount of weight on the weight bag hanger, making sure that the weights hang freely.
11. It is recommended that heel protectors and a decubitus pad be used for this traction procedure.
12. Observe patient periodically to insure maintenance of proper traction.



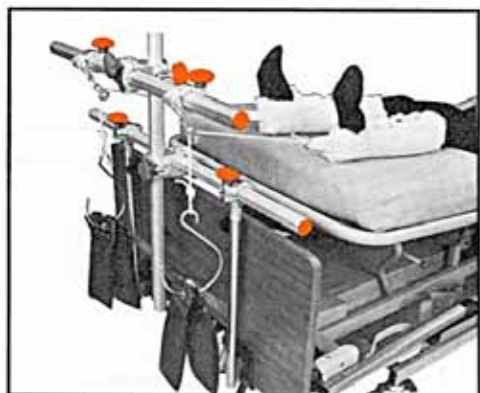
# BUCK'S TRACTION



## Equipment Required

- 1 Basic frame set-up
- 1 Double clamp (Cat. No. 6105).
- 1 27" (69cm) Plain Bar (Cat. No. 6065-27).
- 2 Pulley and clamp (Ball bearing, Cat. No. 6055).
- 2 Weight Bag Hanger (Cat. No. 2720).
- 2sets Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- Traction cord (Cat. No. 1700).
- 2 Improved Buck's Traction Device (Cat. No. 2411 series).

## Bi-Lateral Leg Traction



Bi-Lateral Leg Traction

Equipment Required  
Same as Above

Equipment Required

- 1 Basic frame set-up.
- 1 9" (23cm) Abduction Bar (Cat. No. 6075-09).
- 1 Pulley and clamp (Ball bearing, Cat. No. 6055).
- 1 Weight bag hanger (Cat. No. 2720).
- 1set\* Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
- Traction cord (Cat. No. 1700).
- 1 Improved Buck's Traction Device (Cat. No. 2411 series).

Recommended Accessories

- 1 Heel protector (Cat. No. 800).



Uni-Lateral Leg Traction

## INDICATION

1. Trial treatment of nerve root disorders.
2. Muscle spasms.
3. "Sciatica".
4. Temporary stabilization of fractured hip or femoral shaft.

## BED POSITION

Elevate foot of bed, as shown above. Flex hips 10°-20°. Maintain foot of bed parallel to floor. Elevate angle of pull, so that patient's heels are slightly raised and kept free of bed. This will help prevent friction rub.

## PATIENT POSITION

Flat on back.

## APPLICATION

1. Explain procedure to the patient.
2. Position bed as per Bed Position instructions.
3. Apply Improved Buck's Traction Device to both legs, making sure they are flat against the skin.
4. Attach traction cord to "D" rings on Buck's Device and thread through pulleys.
5. Attach weight bag hangers and traction weight bags, as prescribed by physician.
6. Observe patient periodically to insure maintenance of proper traction.

## INDICATION

1. "Myositis".
2. "Sciatica".
3. Pathology of knee or hip.

## BED POSITION

Elevate foot of bed as shown.

## PATIENT POSITION

Flat on back.

## APPLICATION

1. Same basic procedure as Bi-Lateral, except use the Uni-Lateral equipment requirement shown above.
2. Angle Abduction Bar as illustrated.
3. It is recommended that one heel protector be used for this procedure (on the foot without the Improved Buck's Device).

Equipment Required	
1	Basic frame set-up.
2	9" (23cm) Abduction Bar (Cat. No. 6075-09).
4	Pulley and clamp (Ball bearing. Cat. No. 6055).
2	Weight bag hanger (Cat. No. 2720).
2sets	Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
	Traction cord (Cat. No. 1700).
1	Pelvic sling complete with canvas and spring (Cat. No. 4030).
Recommended Accessories	
1pr	Heel protectors (Cat. No. 800 ).
1	Footboard with Trevira Cover. (Cat. No. 6815).

#### INDICATION

1. Fractures of pelvis.
2. Immobilization or stabilization of low back.

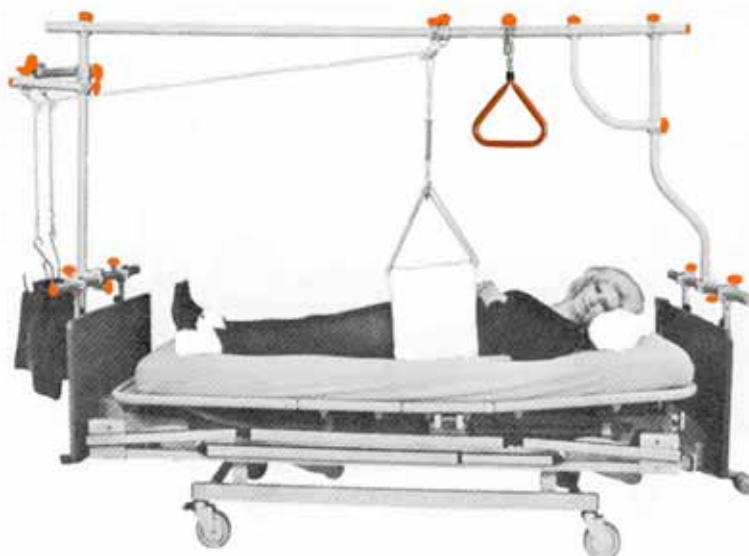
#### BED POSITION

Level, or with slight elevation of head end.

#### PATIENT POSITION

Flat on back.

## PELVIC SLING



#### APPLICATION

1. Position canvas sling under pelvis of patient and attach triangular sling holders.
2. Attach two pulleys to Horizontal Bar, above pelvis.
3. Attach two 9" Abduction Bars with pulleys to Foot Upright.
4. Thread two lengths of traction cord through the two sets of pulleys and "loop-tie" together. Attach spring to loop.
5. Attach two weight bag hangers and equal amounts of traction weight bags (as prescribed by

physician) to traction cord, beyond the foot end of the bed.

6. Pull downward on spring and attach to sling frame.
7. The triangular sling holders are adjustable, for compression.
8. Observe patient periodically to maintain proper traction.

NOTE: The use of heel protectors and a footboard are recommended.

Equipment Required	
1	Basic frame set-up.
2	9" (23cm) Abduction Bar (Cat. No. 6075-09).
2	Pulley and clamp (Ball bearing. Cat. No. 6055).
	Traction cord (Cat. No. 1700).
1	12" (30cm) spreader bar (Cat. no. 2740).
1	Trevira knee sling (Cat. No. 2285 series.)
1	Hand grip (Cat. No. 2095).
Recommended Accessories	
1pr	Heel protectors (Cat. No. 800 ).

#### INDICATION

1. When passive exercise of the lower limb is required.

#### BED POSITION

Level, or with slight elevation of head end.

#### PATIENT POSITION

Flat on Back.

## LEG EXERCISER



#### APPLICATION

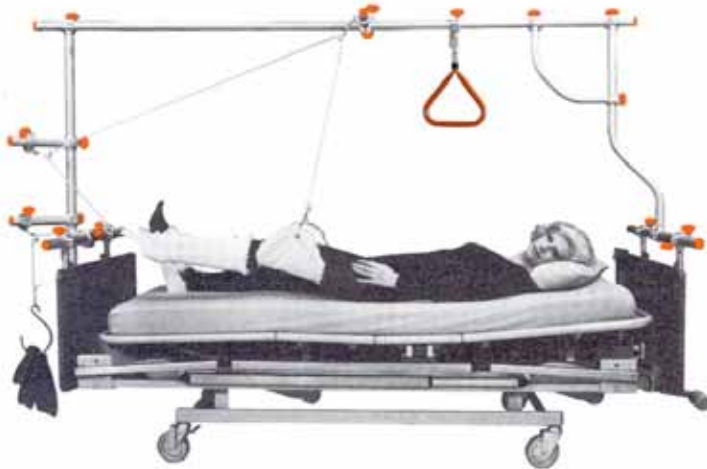
1. Attach two 9" Abduction Bars with pulleys to Horizontal Bar, directly above the limb to be exercised.
2. Position Trevira knee sling as designated by physician.
3. Attach traction cord to hand grip and thread

through pulleys. Tie traction cord to 12" spreader bar.

4. Attach spreader bar to Trevira knee sling.
5. Instruct patient as to degree and amount of exercise, as prescribed by physician.



# RUSSELL'S TRACTION



## Equipment Required

1	Basic frame set-up.	1	Traction cord (Cat. No. 1700).
3	9" (23cm) Abduction Bar (Cat. No. 6075-09).	1	Trevira Knee Sling (Cat. No. 2285 series).
3	Pulley and clamp (Ball bearing, Cat. No. 6055).	1	12" (30cm) spreader bar (Cat. No. 2740).
1	Weight bag hanger (Cat. No. 2720).	1	Improved Bucks Traction Device (Cat. No. 2411 series).
1	set Traction weight bags, as prescribed by physician (Cat. No. 2710 series).	1	Pulley with "S" hook
<b>Recommended Accessories</b>			
1		1	Heel protector (Cat. No. 800).

## INDICATION

1. Knee injuries.
2. Fractures of the hip.
3. Fractures of the femur.

## BED POSITION

As prescribed by physician.

## PATIENT POSITION

Flat on back.

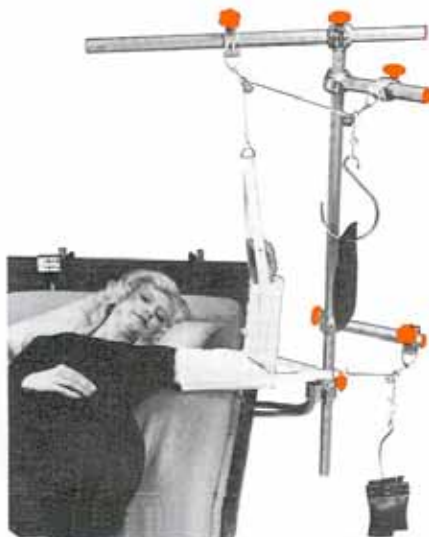
## APPLICATION

1. Explain procedure to the patient.
2. Attach 9" Abduction Bar to Horizontal Bar, as illustrated above. Attach pulley to 9" Abduction Bar, in line with injured leg.
3. Attach two 9" Abduction Bars with pulleys, to Foot Upright.
4. Attach "S" hook on moveable pulley, to "D" ring on Improved Buck's Traction Device.
5. Apply Improved Buck's Traction Device to patient.
6. Place knee sling the under leg, as prescribed by a physician, then attach the 12" spreader bar to the knee sling.

7. Tie traction cord to spreader bar and thread through pulleys.
8. Tie weight bag hanger to traction cord and gently add traction weight bags, as prescribed by physician. Be sure that the traction cord is running freely through the pulleys.
9. Observe patient periodically to insure maintenance of proper traction.

**NOTE:** In this specific traction procedure, the amount of pull exerted on the foot is double the amount of weight used. (Because of the moveable pulley attached to the "D" ring, on the Improved Buck's Traction Device.)

# TRACTION ON HUMERUS (DUNLOP'S)



## Equipment Required

1	Side-arm unit, complete (Cat. No. 6035).
2	Weight Bag Hanger (Cat. No. 2720).
2	sets Traction weight bags, as prescribed by physician (Cat. No. 2710 series).
1	Traction cord (Cat. No. 1700).
1	Humerus Traction Device (Cat. No. 129).

## INDICATION

1. Stabilization or immobilization of dislocations, fractures and other pathology of the upper arm and shoulder.

## BED POSITION

Slightly elevate head of bed, as prescribed by physician.

## PATIENT POSITION

Flat on back.

## APPLICATION

1. Attach Side-Arm Under Mattress Clamp to spring or pan of bed. Then, attach side arm unit as illustrated.
2. Explain procedure to the patient.
3. Apply Humerus Traction Device to patient.
4. Attach two lengths of traction cord to the "D" rings on the Humerus Traction Device. Thread

cord through pulleys.

5. Attach weight bag hangers and the physician's prescribed amount of traction weight bags, to traction cord.
6. Observe patient periodically to insure maintenance of proper traction.