

# ***TherAdapt® Products Inc.***

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## **Supine Stander**

### **Please read all of the following information before using this product.**

*TherAdapt® Products Inc. has designed and manufactured this product with the well being of the user and caregiver(s) in mind. It is our endeavor to provide products which are attractive, comfortable, useful, highly adjustable, long lasting and safe. As when using any product, precautions must be taken.*



**WARNING:** This product must only be used under the recommendation of a physician and / or licensed therapist and with adult supervision. Never leave user unattended. It is your responsibility to properly use and maintain your Supine Stander. Failure to follow USE and CARE instructions or ASSEMBLE the stander properly as outlined may result in bodily injury.

THE MANUFACTURER IS NOT RESPONSIBLE FOR INJURIES RESULTING FROM ANY CUSTOMIZATION OR MODIFICATION OF THE EQUIPMENT THAT WAS NOT COMPLETED BY THE MANUFACTURER.

**USE:** The Supine Stander is designed for a single purpose: as a freestanding stander. It is to be used on the floor only. No other use is permitted.

**CARE:** Take care to inspect the ongoing condition of all parts of your Supine Stander. Verify that all knobs, bolts, and washers are properly positioned and secure. Contact the manufacturer for replacement or repair of necessary items. All components may be cleaned with mild soap and water, or a gentle sanitizing spray. Do not use abrasive cleaners. Wipe wood components dry after cleaning. Excess amounts of liquid on the wood may damage the finish. Always store indoors.

**WARRANTY:** The manufacturer provides a full one (1) year warranty, beginning the date shipped by the manufacturer. The warranty provides full replacement of all parts against breakage when used in compliance with the manufacturer's USE and CARE instructions. Use or modification beyond the normal capacity or range of adaptability designed into the products will void the warranty. The foregoing is TherAdapt's sole liability for consequential damages.

### **PLEASE COMPLETE AND RETAIN FOR YOUR RECORDS**

Supine Stander SS- \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase date: \_\_\_\_\_

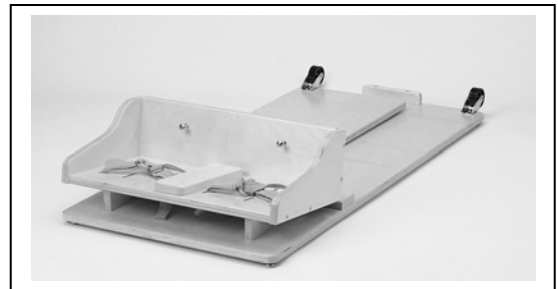
## ***TherAdapt*<sup>®</sup> Supine Stander (SS-100/200) Instructions**

### **Packing List:**

- (1) Back Board with slotted support plate
- (1) Base with (2) offset wheels, (1) foot box, and support plate with (2) ¼ - 20 T-nuts
- (1) Tray with (2) spring loaded attachment pieces and (2) black rubber stoppers
- (2) Tray Brackets with ¼ - 20 hanger bolts, (2) 1 ¾" ¼ - 20 hex bolts, (2) thru-knobs with ¼ - 20 inserts, and (2) large black "flower" knobs with ¼ - 20 inserts
- (1) Back Pad with (2) ¼ - 20 threaded T-nuts
- (1) Pair tapered, offset thoracic supports with (2) D-rings and (1) strap with hook & loop
- (1) Pelvic strap with hook fastener and (1) pelvic strap with loop fastener
- (2) Knee pads with (4) ¼ - 20 threaded T-nuts each and straps with hook & loop fastener each
- (4) Foot straps with (1) curved, side release buckle and (1) double slotted ring each
- (2) Large knobs with 1 ¼" ¼ - 20 stem bolts
- (6) Knobs with 1 ¼" ¼ - 20 stem bolts
- (6) 1 ¾" ¼ - 20 carriage bolts
- (4) Thru-knobs with ¼ - 20 inserts
- (2) ¼ - 20 locking nuts
- (2) Metal washers
- (14) Nylon washers

### **Tools needed:**

- (1) 7/16" open end wrench



**The Supine Stander comes partially assembled. To assemble the following steps should be followed:**



1. **Attach the stander to the base (SS-200 only)** Bolt the back to the **inside** of the footplate box using the (2) 1 ¾" carriage bolts, the (2) ¼ - 20 locking hex nuts, and the (2) metal washers provided following these steps:
  - A. Place the bottom of the backboard in the space provided on the inside of the footplate box.
  - B. Line up the two holes in the backboard with the two holes in the footplate box.
  - C. Insert the carriage bolts through the holes from the front. You will need to "seat" them into the wood, as the "neck" of the carriage bolt is square.
  - D. Place the metal washer on the bolt in the rear and attach the locking hex nuts.

**Tighten securely with a 7/16" wrench.** (Not provided)

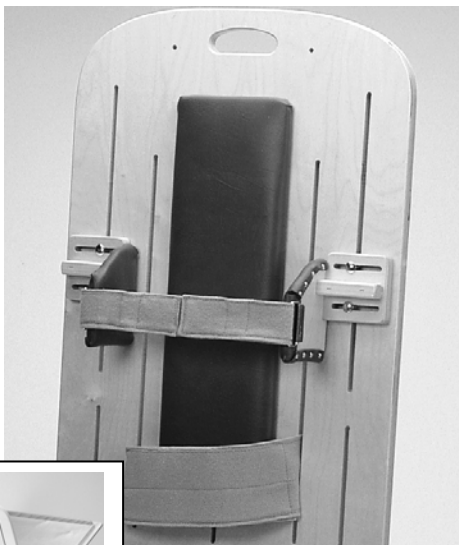


- 2. Assemble the sliding support bar.** Place the upper support (that is attached to the back) over the lower support (that is attached to the base). Place nylon washers over the stem bolts and insert the (2) large black knobs with 1 ¼” stem bolts through the slots of the upper supports and into the T-nuts on the lower support. **Tighten securely.** The adjustable support permits the stander to be set between 5° and 45° back from vertical (175° - 135°). **The hinged support bars are not meant to be positioned more than 90° from the back and the base, respectively.** Be sure both knobs are tightened down securely to stabilize the position of the back support.



- 3. Attach the Tray support brackets** to the outer most slots in the backboard of the stander with the large black flower knobs. **Note:** There is a **right** and a **left** tray support bracket. Attach them so that the small black knobs on the bracket are toward the outer edges of the stander. Be sure that these two pieces are adjusted to the same height.

***Once the stander is assembled it should be adjusted to the individual user to provide a customized fit. To adjust the stander the following procedure should be followed:***



- 1. Adjust the Back Pad.** The back pad can be raised or lowered to provide a padded surface for the head, neck and trunk. **Note:** The T-nuts on the back of the pad are at two different distances from the end of the pad. This allows the pad to be reversed and raised or lowered to the desired location.
- 2. Adjust the Thoracic Pads.** The thoracic pads adjust both vertically and horizontally for a customized fit. They may be attached to either slot on the stander. Loosen the knobs, position the pads in the desired location, and re-tighten the knobs securely. Thread the ends of the strap through the D-rings on the outside of the pads and secure the hook and loop. **Note:** The pads are designed with an angled side that can be placed up to allow the pads to fit up under the arm, or placed down to allow the tray to be placed higher.



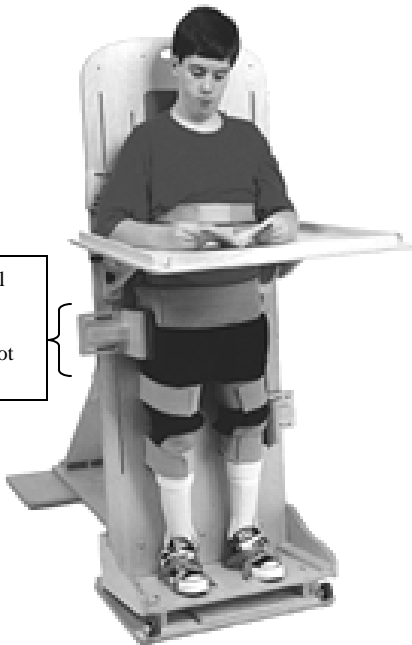


3. **Adjust the Pelvic Strap.** The pelvic strap moves along the length of the slot. It should be positioned around the hips and secured with the hook and loop fastener. **Note:** For the smaller child using a larger stander the pelvic strap can be removed by pulling it out through the back of the stander and repositioning it in the slots where the knee pads are attached.

4. **Adjust the Knee Pads.** The kneepads adjust both vertically and horizontally. To adjust vertically loosen the two small knobs on each pad, position the pad at the desired height, and re-tighten the knobs securely. The two pairs of T-nuts allow the pads to be attached offset towards the center of the stander, in line with the slots, or offset towards the outside of the stander. To re-position the pads remove the two knobs with bolts on each pad and re-insert them in the pair of offset T-nuts. **Tighten the knobs securely once positioned.**

5. **Adjust the Tray.** To attach the tray, hold the tray in front of you, reach under each side, pull out the quick release pins, and slide the tray over the brackets. Adjust the tray depth by placing the quick release pins in one of the three pairs of holes provided. Adjust the tray height by loosening the large knobs on the back of the stander. Raise or lower to the desired height and re-tighten the knobs securely. To adjust the tray angle, unscrew the small black knobs on the outside of the tray bracket supports, remove the corresponding bolts, and re-insert them through the appropriate holes. **Re-attach the knobs and tighten securely.**

**Note:** The Lateral Pads (SS-100LP and SS-200LP), shown here, do not come standard.

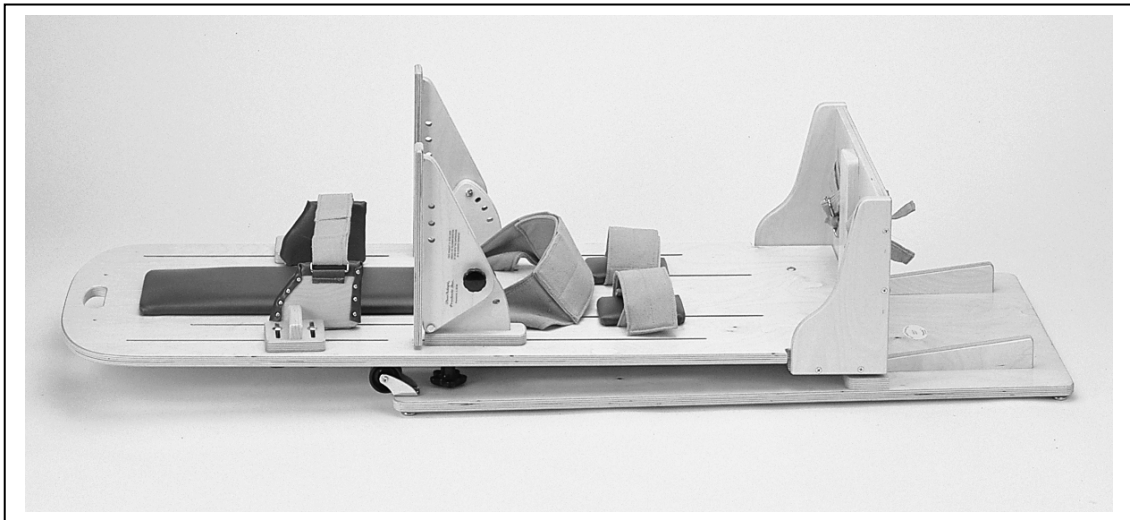


6. **Adjust the Foot Straps.** Two straps are provided for each foot. They may be positioned to cross the foot, strap the ankles and toes, strap the ankles only (remove the second strap), or removed altogether. Tighten the straps to the desired length with the extra strap length fed through the double slotted ring for security.

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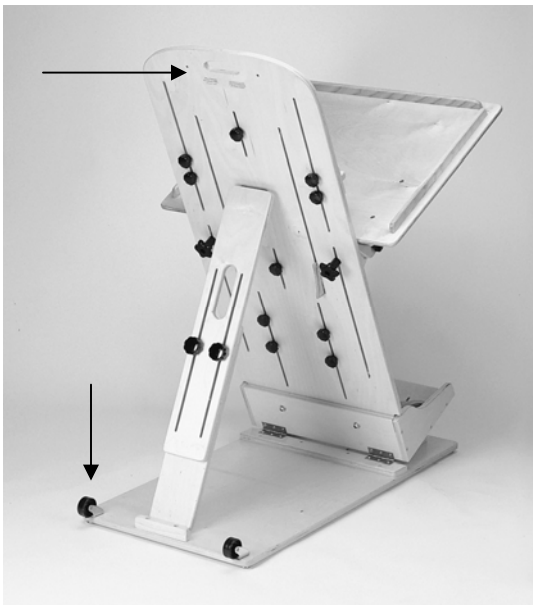
## To Position the Child

The hinged back can be lowered to a 45° angle by loosening the large knobs on the sliding support bar. This angle is usually adequate to position the child on the stander. If the child is unable to assist with this process remove the knobs and position the lower bar down against the base and the upper bar down against the back to lay the stander down. **The hinged support bars are not meant to be positioned more than 90° from the back and the base, respectively.**

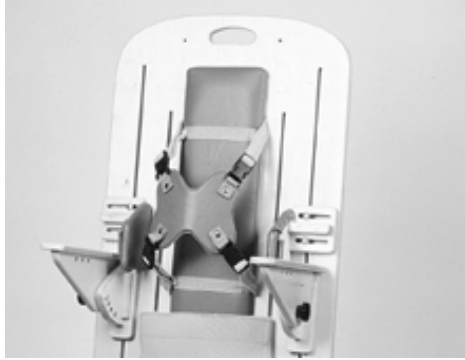


- Stabilize the pelvis and knees with the positioning straps first.
- Secure the feet on the footplate with the straps.
- Stabilize the trunk with the thoracic strap provided or with the butterfly kit accessory.
- Attach the tray last.

The **Supine Stander** transports easily by grasping the built-in handle and tilting the stander back onto the rear wheels. **Warning:** The stander must never be moved with the child aboard.



## *TherAdapt*<sup>®</sup> Supine Stander Accessory Instructions



### 1. The Butterfly Kit (SS-100BK, SS-200BK)

#### Packing List:

- (1) “Butterfly”
- (2) Straps, each attached to (1) additional strap with hook and loop fastener
- (4) Paired side release buckles



To install, remove the back pad from the stander by unscrewing the two knobs in the center slot. Secure the pair of straps, with hook and loop fastener, around the back pad in the appropriate positions. Re-attach the back pad in the appropriate position with the knobs. **Note: Top horizontal strap should be positioned on the back pad so that the top of the butterfly straps are even with the shoulders.** The bottom horizontal strap should be at the users waist. Adjust the length of the top straps to position the chest piece at the desired location on the chest (see below).

**The buckles should be placed below the level of the collarbone. Provide a “snug” fit by pulling on the lower set of straps only.**

***Care should be taken not to position the harness higher than the notch felt at the top of the sternum (breast bone) as strangulation could occur.***

### 2. The Height Extender (SS-100H, SS-200H)

#### Packing List:

- (1) Padded extension
- (2) 1 3/4” 1/4 - 20 carriage bolts
- (2) Thru-knobs with 1/4 - 20 inserts
- (2) Nylon washers

Attach the height extender to the front side of the stander with the (2) carriage bolts provided. Place the nylon washers on the bolts in back and secure with the two (2) knobs. **Note:** The back pad may need to be moved down first. To do this, loosen the two knobs in the center slot on the back of the stander, move the pad down, and re-tighten the knobs.

### 3. Humeral Flexion Pads (SS-100HF, SS-200HF)

#### Packing List:

(2) Pads with loop and sticky back hook

**Note:** There is a right and a left pad.

Attach the self-adhering loop (soft) fastener to the top and front side of the thoracic support.

Trim so as not to cover the slot on the support.

Position the right and left pads and attach the hook and loop fastener. The pads rest on the wooden brace stabilizing the thoracic pad.



### 4. Lateral Head Kit (SS-100LHK, SS-200LHK)

#### Packing List:

(2) “L” shaped mounting blocks with hook

(2) Rectangle pads with loop fastener

(2) Wedge pads with loop fastener

(4) 1 3/4” 1/4 - 20 carriage bolts

(4) Thru-knobs with 1/4 - 20 inserts

(4) Nylon washers

Attach through the slots on the back of the stander for lateral head control. Place (2) 1 3/4” carriage bolts through the horizontal slots on each pad support, then through the slot on the stander. Place nylon washers over the bolts in the rear; attach (2) knobs and **tighten securely before use.**

**Note:** Any combination of pads can be used as needed.

### 5. Lateral Pads (SS-100LP, SS-200LP)

#### Packing List:

(2) “L” shaped mounting blocks with hook

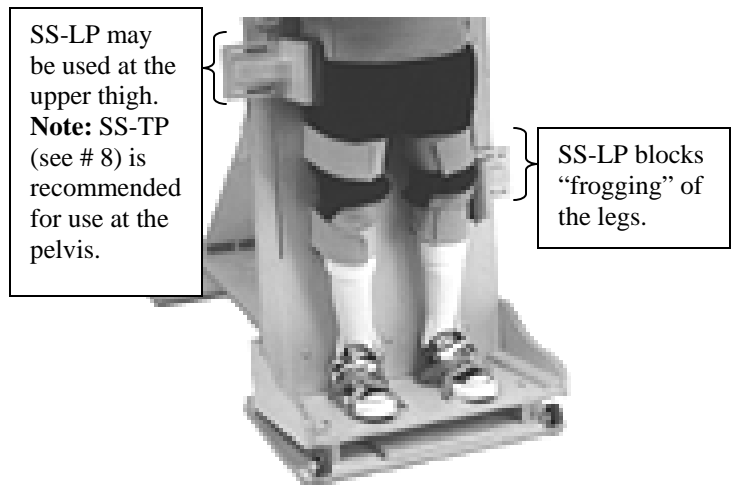
(2) Rectangle pads with loop fastener

(4) 1 3/4” 1/4 - 20 carriage bolts

(4) Thru-knobs with 1/4 - 20 inserts

(4) Nylon washers

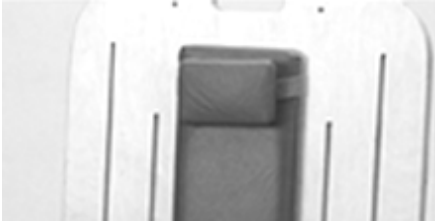
Attach through the outermost slots on the back of the stander for lateral knee or thigh control. Place (2) 1 3/4” carriage bolts through the horizontal slots on each lateral pad support, then through the outer slot on the stander. Place nylon washers over the bolts in the rear and attach the (2) knobs. **Tighten securely.**



## 6. Posterior Head Pad (SS-100PH, SS-200PH)

### Packing List:

(1) Rectangle shaped pad with (1) strap, complete with hook and loop, attached



To install, remove the back pad from the stander by unscrewing the two knobs in the center slot. Fasten the pair of strap in the appropriate position around the back pad and secure with hook and loop closure. Re-attach the back pad in the appropriate position.

## 7. Rounded Knee Pads (SS-100R, SS-200R)

### Packing List:

(2) Knee pads with 1" hump with (4) ¼ - 20 T-nuts and straps with hook and loop fastener

To install, remove the flat kneepads on the stander, by removing the corresponding knobs with bolts. Attach the rounded kneepads with the same bolt-knobs through the stander and into one of the pairs of T-nuts on the back of the kneepad. The two pairs of T-nuts allow the pads to be attached offset towards the center of the stander, in line with the slots, or offset towards the outside of the stander. **Tighten the knobs securely** once positioned.

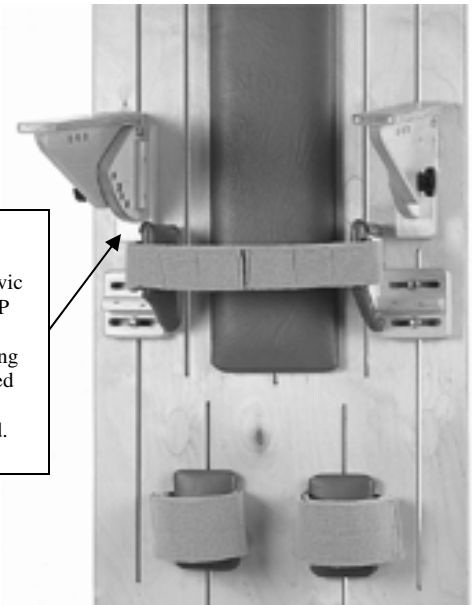
## 8. Thoracic/Pelvic Pads (SS-100TP, SS-200TP)

### Packing List:

- (1) Pair padded tapered, offset supports
- (2) D-rings and (1) strap with hook & loop
- (4) 1 ¾" ¼ - 20 carriage bolts
- (4) Thru-knobs with ¼ - 20 inserts
- (4) Nylon washers

Attach through either set of slots on the back of the stander, with the flat end "up" for pelvic control. Place (2) 1 ¾" carriage bolts through the horizontal slots on each thoracic/pelvic pad support, then through the slot on the stander. Place nylon washers over the bolts in the rear, attach (2) knobs. **Tighten securely.**

**Note:** The flat end of the Thoracic / Pelvic Pad (SS-100TP or SS-200TP) should be facing "up" when used as a pelvic stabilizing pad.



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