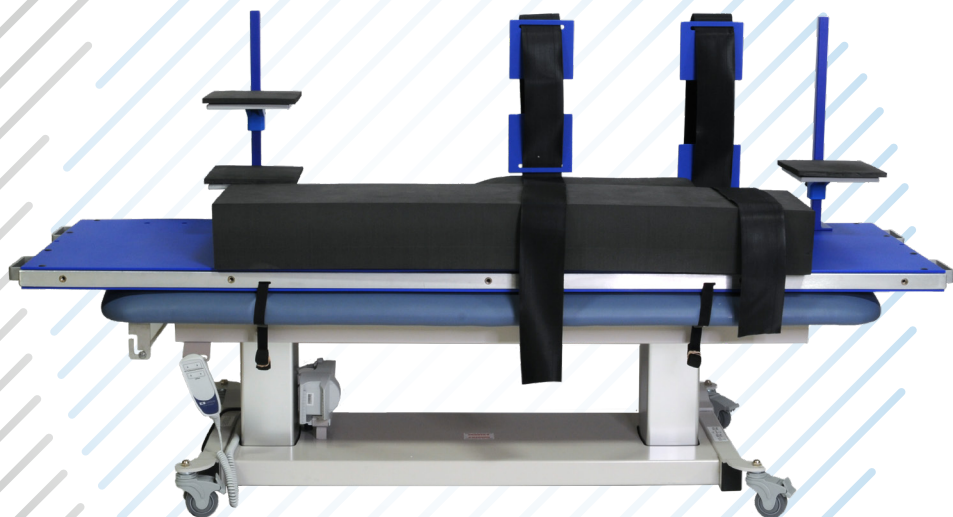


RADIATION
PRODUCTS
DESIGN INC.



TBI TREATMENT PLATFORM
INFORMATIONAL BOOKLET



SALES@RPDINC.COM



PHONE (763) 497-2071



FAX (763) 497-2295



WWW.RPDINC.COM



**5218 BARTHEL INDUSTRIAL DRIVE
ALBERTVILLE, MN 55313**



PRODUCT INFORMATION

Item # Base Item

495-075 Total Body Irradiation Treatment Platform

Item # Beam Spoiler Options

495-080 Polycarbonate Beam Spoiler - 0.5in Thick 50cm Tall

495-082 Polycarbonate Beam Spoiler - 0.375in Thick 50cm Tall

Item # Optional Items

495-090 Patient Supports for Item # 495-075

871-2179 Styrofoam Platform Height Extension - 1in (2.5cm)

182-330 Electric Lift Table

495-630 Laser Tray for Varian Type III (with MLC) Tray Slot

Item # Replacement Items

495-076 0.5in Lung Block Adjustable Line Supports (Set of 4)

495-077 Durable Hanging Cord, 16ft (4.88m) - Refill

DISCLAIMERS

SHIPPED NON-STERILE

These products are not shipped sterile but should be cleaned and sterilized by authorized personnel.

RX ONLY

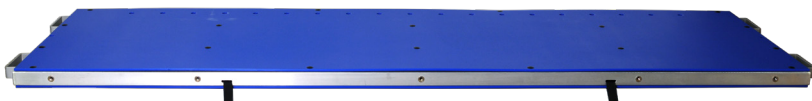
Federal law (USA) restricts the sale of these devices for use only by (or at the order of) a physician.

LIABILITY

RADIATION PRODUCTS DESIGN INC assumes no liability for consequential damages of any kind for this material when used interchangeably with products of other manufacturers/suppliers or for any direct or indirect results and consequences of its use or misuse by the customer.

INDICATIONS OF USE

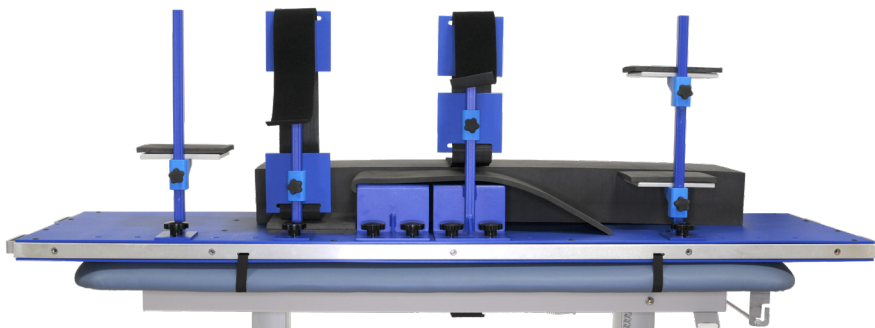
The TBI Treatment Platform was designed to aid physicians in the treatment of patients in prone, supine and decubitus positions when being treated with Total Body Irradiation combined with the use of lung blocks to protect the patient from Pneumonitis.



INSTRUCTIONS FOR USE

INSTRUCTIONS FOR TBI PLATFORM

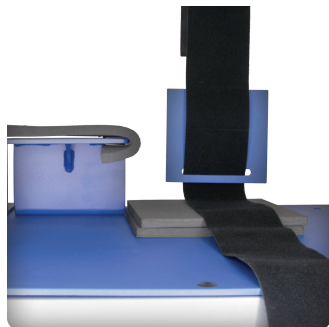
1. (Optional) If needed, place Styrofoam Platform Height Extension (Item # 871-2179) on the stretcher for added height.
2. Place TBI Table on top of stretcher or Styrofoam Platform Height Extension.
3. Tie down both belts around stretcher and tighten. Apply force to the TBI Table to make sure it is secure and not shifting positions.



INSTRUCTIONS FOR PATIENT SUPPORTS

1. Find the center of patient and center to the TBI Board, mount the hip stand with Velcro belt and body support plate to board.
2. Mount the body support plates (use as many as needed wide or narrow) to the board. These should come up to just below armpit.

3. Mount the shoulder support plate with Velcro belt.
4. Hook the 1/2" thick x 9" wide x 48" long foam piece to the body support plate located below arm pit.
5. Place the 12" wide x 6" thick x 48" long foam piece next to the body supports on TBI Table.



6. Load patient onto TBI Table in face down position. Position the patient next to the hip and shoulder supports. Adjust body the supports if needed.
7. Mount head support plate and adjust the plate to head height.
8. Mount the leg supports to the table and adjust the top plate to the center of the legs.

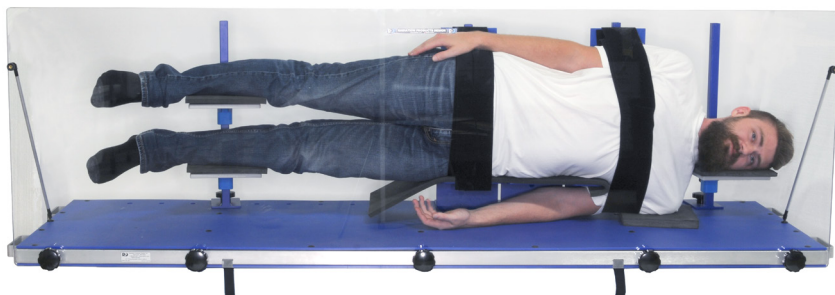


9. Roll patient onto their side against the hip and shoulder posts and then adjust hip/shoulder support to fit hip. Fasten the Velcro belt under hip and around patient front to other end of the Velcro belt and secure.

10. Adjust shoulder support to fit against back of shoulder. Fasten Velcro belt under shoulder and around patient front to other end of Velcro belt and secure.
11. Place foam supports underneath the patients shoulder to prevent discomfort.
12. Adjust the head support under head to the proper height.
13. Adjust the bottom plate to the other leg for proper height.
14. Mount the leg supports to the table and adjust the top plate to the leg then adjust the bottom plate to the other leg for proper height.

INSTRUCTIONS FOR VACUUM BAG

1. If the patient is to lean against the short polycarbonate side. Install that polycarbonate side plate first.
2. Adjust the patient into the vacuum bag.



GENERAL INSTRUCTIONS FOR INSTALLING BEAM SPOILERS

1. With two people, lift the beam spoiler with stickers facing outward and install it to the platform by using one knob at each end.
2. Install the three center knobs to secure the beam spoiler
3. Install aluminum struts at both ends (head & foot) for added support of the large entrance polycarbonate side plate. Loosen side plate at ends to install struts.



GENERAL INSTRUCTIONS FOR LUNG BLOCKS

1. Install Lung Block Adjustable Line Supports (4) on the top edge of the large entrance polycarbonate. Two for each lung block mounted along top edge of the entrance polycarbonate side plate.
2. Cast low melting alloy blocks for lung blocks.
3. Drill 1/8" diameter hole through (non divergent to beam) block at each end to support lung block. Attach the line threw hole in lung block and tie in loop with knot.
4. Adjust lung block height by loosening the thumb screw and pulling or loosening line.
5. To adjust lung blocks in head or foot direction , slide Line Supports in direction needed. The line RPD is using is 180 lb. Test.

INSPECTION

Inspect equipment carefully before each use. Do not use the quipment if it is damaged in a way that may risk the safety of the patient.

CLEANING

The presence of organic matter can protect bacteria from the action of the disinfectant or sterilant, or react with the agent and make it ineffective.

Cleaning can be done with 1) water alone, 2) with soap or detergent and water or 3) water and soap or detergent and disinfectant.

Cleaning with a disinfectant reduces the risk of contamination to the cleaning staff, but does not eliminate them completely.

DISINFECT

Platform and accessories can be wiped down with most disinfectants.

ALCOHOL WITH WATER (1:1 DILUTION RATIO)

Mix alcohol and water in equal parts. With a gloved hand and a cloth saturated with the solution, wipe all surfaces with and or spray the solution onto the table directly. Leave surface wet for 15 minutes, then wipe off any remaining water.



BLEACH WITH WATER (1:32 DILUTION RATIO)

While using proper safety equipment, mix 4 oz. Bleach with 1 gallon of water. Alternatively, you may use the ratio recommended by your facility. Apply to solution to the platform and leave surface wet for 15 minutes. Then rinse with water and dry the treatment platform.

STERILIZATION

AUTOClave

Separate all parts prior to sterilization. Autoclave wrapped parts for 5 minutes at 270°F (132.3°C)

STERRAD®

Separate all parts prior to sterilization. Sterrad® uses Hydrogen Peroxide solution. This type of sterilization will cause discoloration of some materials.

Sterrad®	Approved Cycles
100S	Cleared for Short and Long cycles
NX™	Cleared for Standard and Advanced cycles
100NX	Cleared for Standard cycle

STERIS®

(Not recommended)

SYSTEM 1®

Separate all parts prior to sterilization.

Do not assemble when wet or damp. This sterilization process uses Peracetic Acid solution and will cause oxidation of some metals including aluminum, brass, nickel or silver.

(Not recommended)

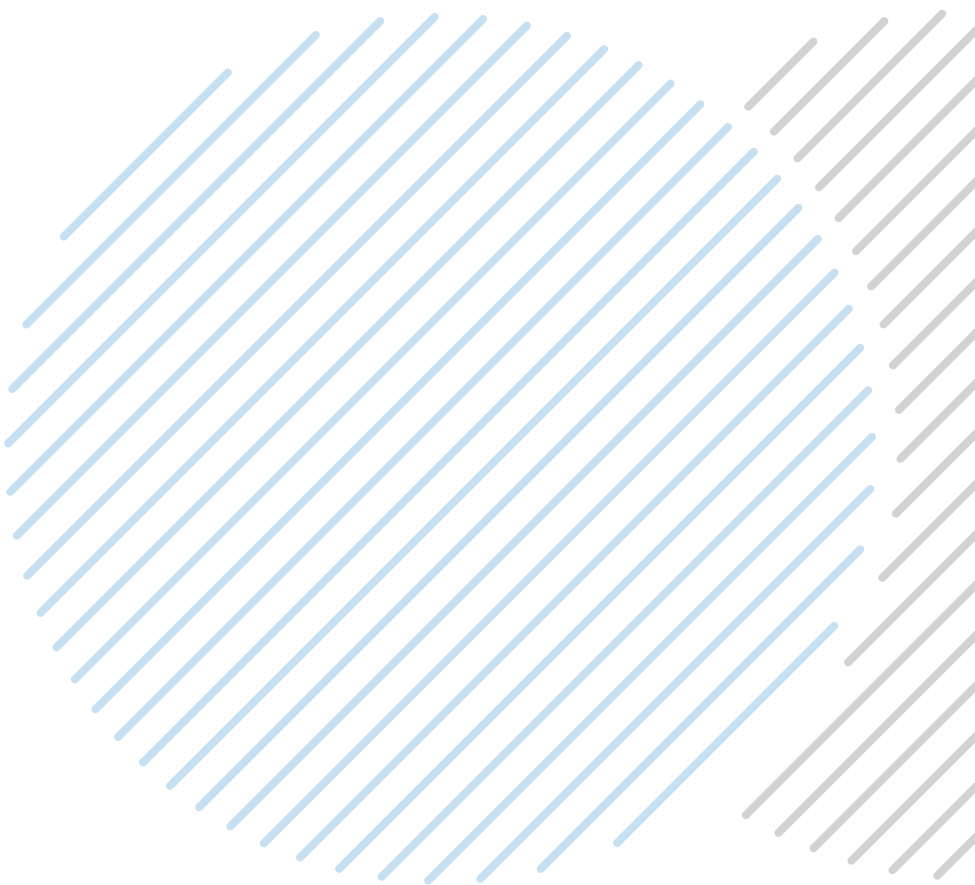
ACCESSORIES

ACCESSORIES

Item #	Description
466-401	Cidex OPA, 1 gal
466-403	Cidex OPA Solution Test Strips, 60 strips/ bottle

WARRANTY

One year from date of purchase.



The information in this document is subject to change at any time.
Visit our website or contact us directly for the most up-to-date version of this document.

The RPD Logo is a trademark of Radiation Products Design Inc. All product names, company names, logos, and other trademarks are property of their respective owners and are displayed for identification purposes only.