



Expect Service

Radiation Products Design Inc

INSTRUCTIONS

RPD INFORMATION

Address	5218 Barthel Industrial Drive Albertville, MN 55301
Website	www.rpdinc.com
Email	sales@rpdinc.com
Phone	763-497-2071 or 800-497-2071
Fax	763-497-2295

RPD PRODUCT INFORMATION

Item Number	Description
946-000	Slessinger Board for HDR Brachytherapy, 24" Wide
946-002	MR Slessinger Board for HDR Brachytherapy, 21" Wide

SAFETY

The Slessinger Board (SB) is designed for easy transfers on and off of stretchers and imaging couches (CT/MR) through the use of handles and a smooth plastic bottom surface. At least one staff person should be on either side of the board for safe patient transfer.

It is very important that the board not be used to carry a patient. It is not designed or intended for that purpose.

Although patients as heavy as 350 pounds (160 kg) have been successfully supported, special care and attention must be paid when working with larger patients.

To reduce the possibility of developing a bed sore at the lower back, appropriate monitoring is recommended. In addition, the patient should be allowed to either lie on their side overnight on the board or to rest in bed overnight. Imaging to correct any applicator displacement is encouraged prior to "next day" HDR treatments.

PURPOSE

The Slessinger Board (SB) was originally designed to facilitate patient position stability, comfort and access to the perineum, specifically for image guided treatment planning of HDR brachytherapy to the prostate. Gynecologic HDR applications are also well suited. The elevation of the patient's legs and bottom are facilitated by adjusting and tightening the three elevation panels. This is intended to promote stable brachytherapy applicator depth and position by allowing transfers on and off imaging couches while avoiding patient movement. Elevation also facilitates access and visualization of the applicators in the treatment area for adjustments and correct connections for treatment.

DISPOSABLE VELCRO STRAP

Material is provided that may be used to lightly secure the patient's legs to the leg elevation panels. Simply cut off a suitable length and wrap lightly around the thigh and ankle (if necessary) to prevent medial or lateral leg sliding.

OPERATION

With the Slessinger Board (SB) on a stretcher, the patient may be transferred from the surgical couch onto the SB. It is advisable to pre-position the perineum elevation support prior to patient transport since that section is more difficult to raise when bearing the full weight of the patient. Alignment of the stretcher and SB to the supine patient should be approximated prior to transfer. Once the patient is centered on SB with the perineum at the opening of the elevation section, the leg elevation can be employed. The legs can be elevated one at a time by simultaneously pushing the foot end of the leg elevation panel toward the head while lifting under the knee joint of the elevation panel. Tighten the elevation panel knobs to maintain the desired leg elevation.

After HDR treatment, the legs can be reset to the relaxed position by loosening the knobs just enough to allow elevation panels to flatten. Too much loosening can result in the knob separating from its sliding hardware.

It is strongly advised to confirm that black tightening knobs are engaged with the hidden sliding hardware after patient legs are lowered, and when preparing for a new patient. Too much counterclockwise turning will cause disengagement and that would be unfortunate to discover just after transferring patient from the surgery couch. The hidden underlying hardware consists of a metal washer and a sliding metal rectangle with threaded screw channel. To re-engage, alignment of washer and threaded channel must be done. This likely will require freeing the elevation panel and sliding the hardware close to the knob screw locations. Visualize the opening of washer and threaded channel, looking through the knob hole; align with a thin tool until visually in line. Then re-engage the knob screw. This process is not possible with a patient in position on the SB, so verification prior is **VERY IMPORTANT**.

PROTECTION AND CLEANING

It is recommended to cover the blue cushion pad surfaces with bed sheet and pillow cases. Suitable tape can maintain continuity of coverage by attaching linen to linen and securing when necessary the linen to the white plastic surface. Taping directly to the blue pad will hasten deterioration. A full sheet

folded can be tucked under the head-chest-pelvis section and pillowcases similarly used under the legs and feet. An absorbable chuck and or towel are advised to be secured adjacent to the perineum to protect and facilitate cleaning of the white plastic surface.

Non caustic germicidal cleaner is recommended between uses. The PDI SaniCloth Plus Germicidal Disposable Cloths (Professional Disposables International, Inc) have proven to be suitable, for example. In addition, Simple Green or 409 are effective. A solution of 25% bleach, 25% vinegar diluted in 50% water also works fine. Avoid using harsh abrasive scouring powder and any solvents such as acetone or any ketones.

STORAGE

Is possible using the handles to suspend the Slessinger Board horizontally from wall mounted hooks, for example. Some external wrapping (ie. stretchy mesh netting) will maintain the connection of the pad to the underlying board and prevent separation of the underlying Velcro.

SUPPLEMENTAL LEG SUPPORT

Is sometimes necessary for heavier legs if the tightening knobs cannot maintain leg elevation. One solution is to simply take styrofoam that might be used for cerrobend blocking and trim diagonally on the upper side to accommodate the leg elevation hinge angle and let the elevation panels rest on the Styrofoam. A wooden support design has also been reported. Snipping off the peak of the styrofoam/wood supports will also allow passage of the Velcro strap that prevents medial-lateral leg slippage.

TECHNICAL / OPERATIONAL ISSUES

Contact Eric Slessinger at 317-293-2171 or by email at or edsless@aol.com.

End of Document