

Im.PAc.T

**SBT30-00**



## **SBRT BOARD**

**Panacea Medical Technologies Pvt Ltd**

**Doc no: PMT-PA1-01-30-08-19-R00**

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# 1 INTENDED USE AND INDICATIONS FOR USE

## 1.1 INTENDED USE

The SBRT board is intended to immobilize patients during Stereotactic Body Radiotherapy (SBRT) procedures. It ensures precise and reproducible positioning for high-accuracy radiation delivery.

## 1.2 INDICATION FOR USE

The SBRT board is indicated for use in the treatment of patients undergoing Stereotactic Body Radiotherapy, where high-dose radiation is delivered to small, well-defined tumors. It is designed to minimize patient movement during treatment of thoracic, abdominal, or pelvic regions. The board supports the use of various immobilization accessories such as vacuum cushions, compression Paddle, and arms-up positioning aids.

# 2. PRODUCT OVERVIEW

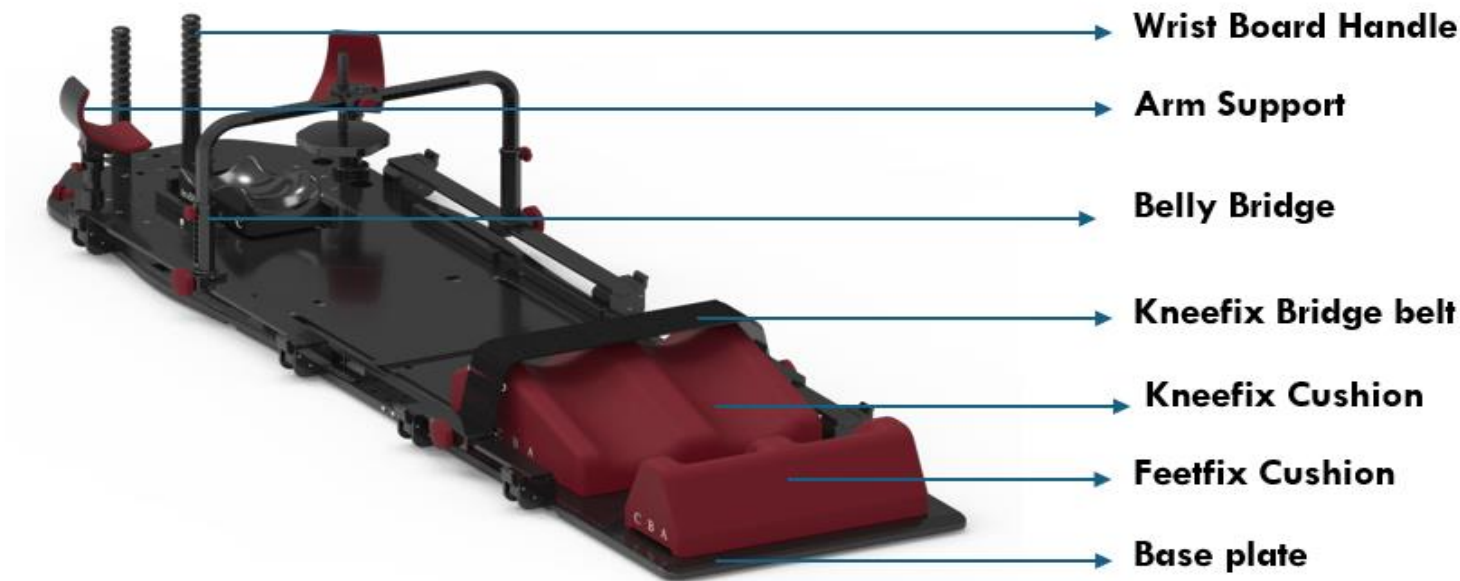



Figure 1 SBRT Board



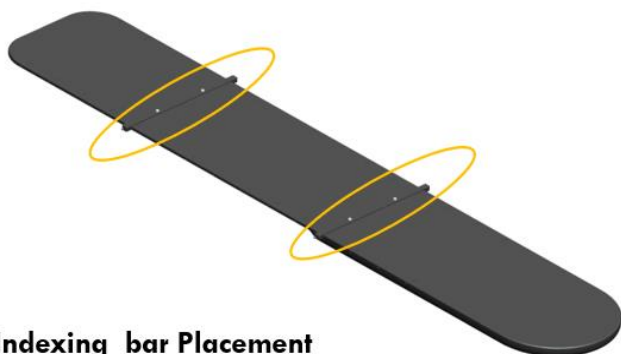
**Warning**

- Inspect the device thoroughly before use. Do not use the device if damaged.
- Prevent the surface from damage and scratching.
- Secure the device properly before positioning the patient.

### 3. ASSEMBLING INSTRUCTIONS

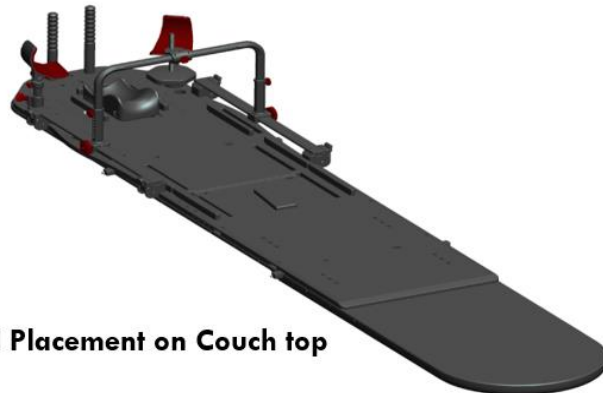
#### 3.1 Placement of Indexing bar

1



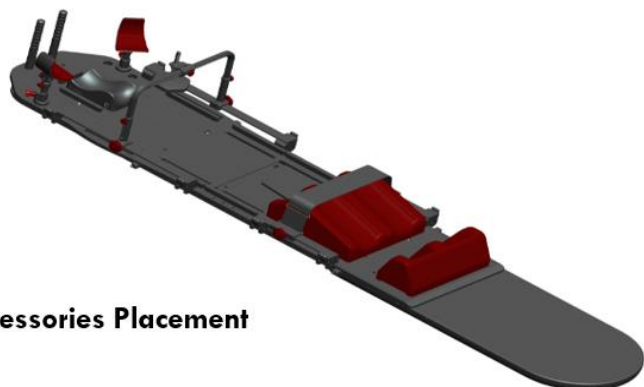
Indexing bar Placement

2



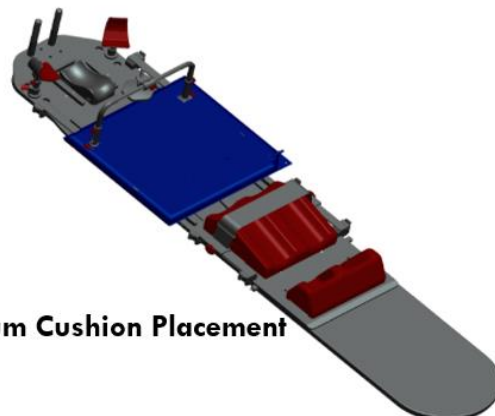
SBRT Board Placement on Couch top

3



Accessories Placement

4



Vacuum Cushion Placement

**Step 1:** Place 2-indexing bars on the Couch Top and make sure that it has been fixed properly in the slots.

**Step 2:** Position the SBRT above the indexing bars and movement should not be there in baseplate

**Step 3:** Place the suitable headrest and other accessories required, fix the knee fix and Feet fix Cushion using the knee fix indexing bar according to the patient's height and place the knee fix & Feet fix onto slots A, B, or C with K1, K2, F1 & F2 positions and if further height adjustment is needed, utilize the knee fix elevation block

**Step 4:** Based on the treatment setup, the belly bridge can be assembled as needed. It is integrated with the respiratory cushion, and the pressure belt can be used accordingly. The vacuum cushion can also be utilized depending on the clinical requirements of the treatment setup.

### 3.2 Compatible headrests & Accessories



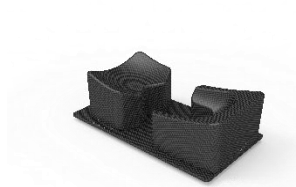
Carbon fiber headrests



Foam headrests

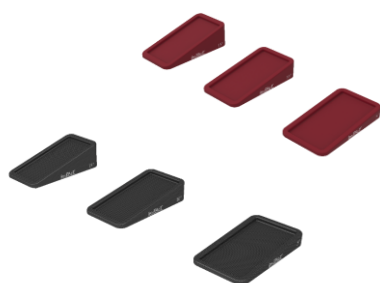


Posease headrests



Prone headrests

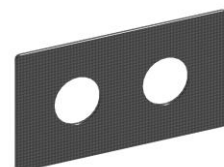
- Assemble the other necessary devices (If required)
- Wedges for head angulation at 5°, 10°, and 15° to ensure accurate patient positioning during procedures. For patient comfort and height adjustment, elevation blocks are available in 20 mm and 40 mm sizes.
- Utilize the pediatric headrest with adapter for pediatric patient.
- Position the patient and fix the Clamp type thermoplastic mask with mask locking cushions to immobilize.



Wedges



Head Elevation blocks



Pediatric headrest with adapter

### 3.3 Compatible mask

| S.no | Mask type                         |
|------|-----------------------------------|
| 1    | Head mask – 3 Points              |
| 2    | Neck and shoulder mask – 4 Points |
| 3    | Head and shoulder mask - 5 Points |
| 4    | Chest and pelvic mask – 4 Points  |
| 5    | Pelvic mask – 6 Points            |
| 6    | Breast mask                       |

## 4 TECHNICAL SPECIFICATIONS

|   |                         |                               |
|---|-------------------------|-------------------------------|
| 1 | Material                | Carbon fiber                  |
| 2 | Weight                  | 20.918 (With all accessories) |
| 3 | Weight bearing capacity | 120kg                         |

## 5 CLEANING, STORAGE AND DISPOSAL

- Avoid storing under the sun and in warm and wet environment.
- Wipe thoroughly with cleaning agent like Diluted Isopropyl Alcohol of 15-20%. Allow to dry before next use.
- Store each thermoplastic mask & the vacuum cushion with respective to patient ID and masks & cushions can be reused for the next cycle of treatment for the same patient.
- The product can be disposed of with dry waste.
- Inspect the product regularly, to check for any parts are worn or need repair or replacement.



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