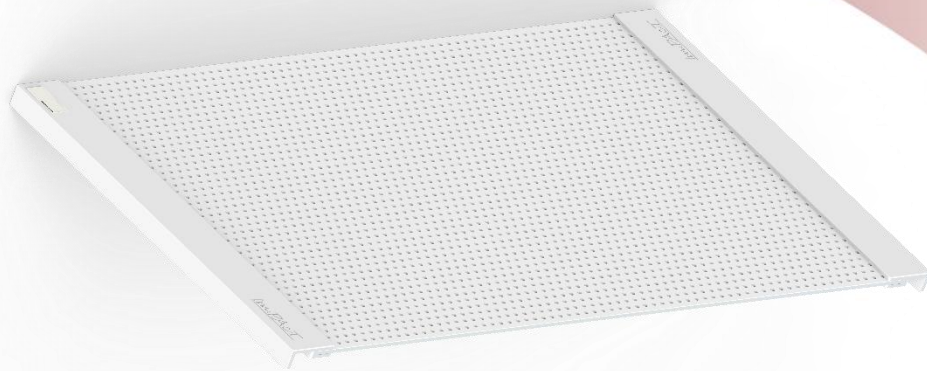


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BREAST MASK

Panacea Medical Technologies Pvt Ltd

Doc no: PMT-PA1-01-10-08-19-R01

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1 INTENDED USE AND INDICATIONS FOR USE

1.1 INTENDED USE

Breast masks are custom-made immobilization devices used for treatments across breast region. These masks are typically molded to conform to the patient's specific anatomy and are secured in place during treatment sessions.

1.2 INDICATION FOR USE

Breast masks are used for immobilization and positioning of the breast and chest wall during radiotherapy treatments for breast cancer. They help ensure reproducibility of patient positioning and accurate delivery of radiation to the target breast tissue while minimizing exposure to surrounding healthy organs and tissues, such as the lungs and heart.

2 PRODUCT OVERVIEW

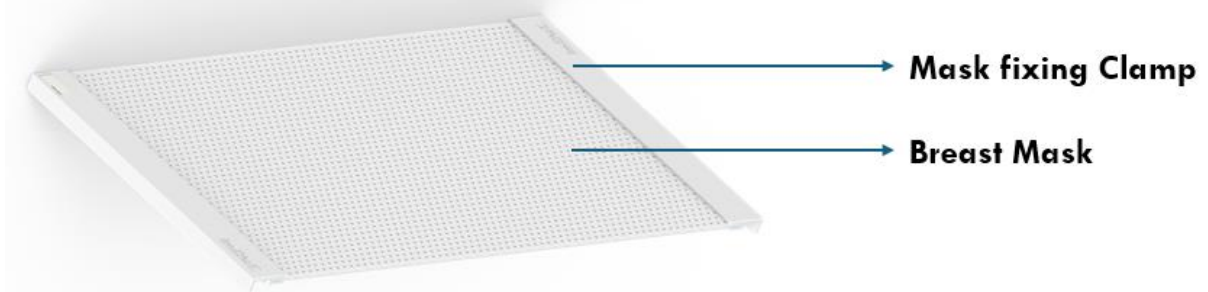


Figure 1 Breast mask



Warning

- Inspect the mask thoroughly before use. Do not use the mask if damaged.
- Store each thermoplastic mask in the order of patient ID labelled

3 MOULDING INSTRUCTIONS

- Thermoplastic masks require heating time in the water bath or in convection oven. The appropriate times and temperatures are presented in the table below.

| DESCRIPTION | In WATERBATH | In CONVECTION OVEN |
|---|--------------|--------------------|
| 2.4 mm thickness Time of immersion/heating | ~8 - 10min | ~4 -5 mins |
| 3.2 mm thickness Time of immersion/heating | ~10-12 Mins | ~10-15 mins |
| Temperature | Max 70°C | Max 70°C |

Note: The above-mentioned timings are specific to the PMT make water bath and convection oven and may vary depending on the different make

- Ensure that the material has turned completely from solid state to translucent before removing it from the water bath or convection oven.
- After heating, dry the mask with a towel to remove excess moisture.
- Before applying the mask to the patient's skin, need to ensure that the temperature of the mask is not too hot to avoid burning or discomfort to the patient's skin
- Position the mask above the patient breast
- Position the mask clamp over the locking gap
- Once the mask clamp is positioned over the locking gap, fix it by using a mask locking cushions

4 TECHNICAL DETAILS

| | | |
|---|----------------|---------------|
| 1 | Material used | Thermoplastic |
| 2 | Mask thickness | 2.4mm & 3.2mm |

5 CLEANING, STORAGE AND DISPOSAL

- Avoid storing under the sun and in warm and wet environment
- Store each thermoplastic mask in the order of patient ID labelled and masks can be reused for the next fraction of treatment for the same patient.
- The decision to reuse the mask should be based on the treatment plan and cycle
- The product can be disposed of with dry waste



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