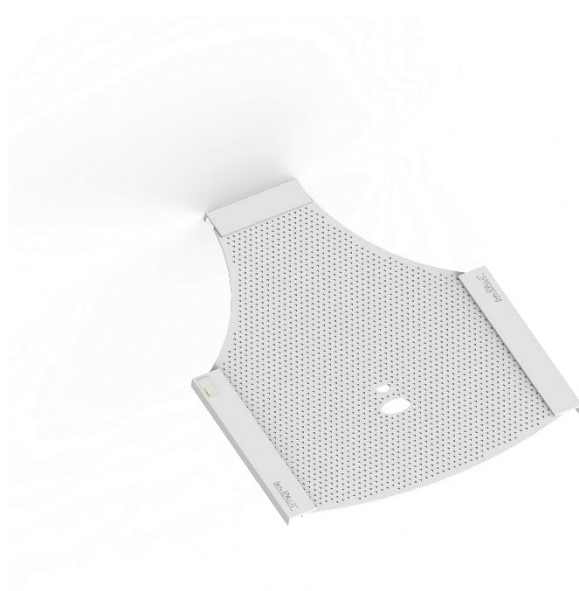


Im.PAc.T

3HM07-00



## **3 POINT HEAD MASK**

**Panacea Medical Technologies Pvt Ltd**

**Doc no: PMT-PA1-01-07-08-19-R01**

## Table of Contents

<b>1</b>	<b>INTENDED USE AND INDICATIONS FOR USE .....</b>	<b>3</b>
1.1	INTENDED USE.....	3
1.2	INDICATION FOR USE.....	3
<b>2</b>	<b>PRODUCT OVERVIEW.....</b>	<b>3</b>
<b>3</b>	<b>MOULDING INSTRUCTIONS .....</b>	<b>3</b>
<b>4</b>	<b>TECHNICAL DETAILS.....</b>	<b>4</b>
<b>5</b>	<b>CLEANING, STORAGE AND DISPOSAL .....</b>	<b>5</b>

## 1 INTENDED USE AND INDICATIONS FOR USE

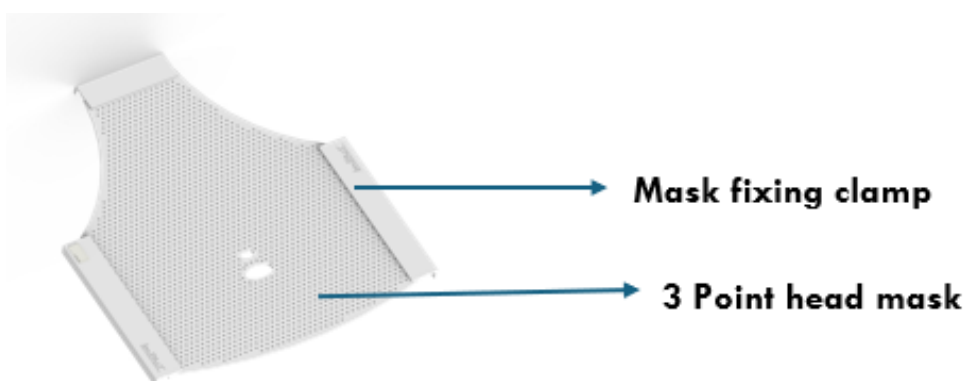
### 1.1 INTENDED USE

Head mask is to immobilize the patient's head region during treatment. These masks are custom-made for each patient by molding the mask material to conform firmly to the contours of the patient's head throughout the treatment.

### 1.2 INDICATION FOR USE

Head masks ensure consistent and reproducible patient positioning, allowing for accurate delivery of radiation to the target area while minimizing radiation exposure to surrounding healthy tissues and organs. The head mask effectively immobilizes the head region, reducing the risk of unintended movement and enhancing treatment precision.

## 2 PRODUCT OVERVIEW



*Figure 1 3 - Point head 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 time and temperature are mentioned in the table below.

DESCRIPTION	In WATERBATH	In CONVECTION OVEN
<b>2.4 mm thickness Time of immersion/heating</b>	~8 - 10min	~4 -5 mins
<b>3.2 mm thickness Time of immersion/heating</b>	~10-12 Mins	~10-15 mins
<b>Temperature</b>	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 in water bath, gently tap the mask with a towel to remove excess moisture.
- Before applying the mask to the patient, ensure that the temperature of the mask is not too hot to avoid burning or discomfort to the patient.
- Position the mask above the patient's face.
- Position the mask clamp over the locking gap and fix it by using a mask locking cushions.
- Mould the mask precisely around the nose bridge, chin, ears, and eye sockets of the patient.
- Let the mask cool down and come back to hard solid state.
- This molded mask must be labeled with patient ID and stored for the particular patient throughout their treatment duration.

## 4 TECHNICAL DETAILS

1	Material	Thermoplastic
2	Mask thickness	2.4mm & 3.2mm

## 5 CLEANING, STORAGE AND DISPOSAL

- Avoid storing under the sun rays and in 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

### **Panacea Medical Technologies Pvt Ltd**

Plot #35, Malur KIADB Industrial Area,

4th Phase, Malur – 563130, Kolar District,

Karnataka, INDIA.

Website : <http://www.panaceamedical.com>,

Email : [support@panaceamedical.com](mailto:support@panaceamedical.com)

