

## Klarity Customized Head Mold: Moldable Cushions for Patient Immobilization INSTRUCTIONS FOR USE

### GENERAL INFORMATION

Klarity Cushions™ are advanced indexing tools that provide secure, customized head and neck support for patients undergoing radiation therapy.

### PRODUCT DESCRIPTION

Klarity Cushions™ are made from low-density thermoplastic-based materials that become soft and pliable when heated in a convection oven or waterbath. After heating, the cushions mold closely to the patient's anatomy, offering warm and comforting support that has a calming effect on most patients. Once cool, Klarity Cushions™ are firm and rigid, ensuring excellent reproducibility for superior treatment accuracy. The cushions can be reheated and remolded as necessary. Please note that there is some natural color variation in the fabric material of the product. This is considered normal and has no impact on the product performance.

Klarity Cushions™ are available in a variety of sizes. Please consult our catalog or [www.klaritymedical.com](http://www.klaritymedical.com) for a complete selection.

### MAINTENANCE AND DISPOSAL

Store Klarity Cushions™ in a dry, clean place at temperatures between 50–95°F (10–35 °C). Avoid direct sunlight. Dispose of Klarity Cushions™ with normal facility waste after patient's treatment cycle is completed.

### INSTRUCTIONS FOR USE

There are two methods for heating Klarity Cushions™. The convection oven method is strongly recommended for heating larger Klarity Cushions™.

#### **Convection Oven Method:**

1. Preheat oven to 165°F (73°C).
2. Remove the cushion from the sealed plastic pouch.

3. Place the cushion on the oven rack. The cushion will become moldable in 10-12 minutes, depending on the oven model (do not exceed 1 hour).
4. Remove the cushion from the oven and position it on the headrest or support device.
5. Lay the patient's head on the cushion and form the cushion to the contours of their head and neck by pressing and sculpting the cushion to the desired position. The cushion will begin to set after 2–4 minutes, and it will become fully rigid in 5-7 minutes. Keep the patient on the cushion for at least 10 minutes to ensure minimal shrinkage.
6. You can make adjustments by reheating a small area with a heat gun or hair dryer, or by placing the cushion back in the oven.

#### **Water Bath Method:**

7. Preheat water bath to 165°F (73°C).
8. Keep the cushion sealed in its plastic pouch and place it in the water bath.
9. After five minutes, flip the cushion and continue heating until it becomes soft and pliable (about 10 minutes total). It helps to keep the lid closed and use a timer for the 5-minute intervals.
10. Remove the cushion from the water bath and take it out of its pouch. Position the cushion on the headrest or support device.
11. Lay the patient's head on the cushion and form the cushion to the contours of their head and neck by pressing and sculpting the cushion to the desired position. The cushion will begin to set after 2–4 minutes, and it will become fully rigid in 5-7 minutes. Keep the patient on the cushion for at least 10 minutes to ensure minimal shrinkage.
12. You can make adjustments by reheating a small area with a heat gun or hair dryer, or by placing the cushion in a sealed bag and reheating it in the water bath.

*\*Patent Pending*

To be used by a qualified medical professional  
IFU-C-002



Keep in a  
cool and dry  
environment



35°C  
Store below  
35°C (95°F)



AJW Technology Consulting GmbH  
Königsallee 106  
40215 Düsseldorf, Germany  
T: +49 211 30132232  
[www.ajwtech.com](http://www.ajwtech.com)

Klarity Medical Products, LLC  
600 Industrial Parkway  
Heath, OH 43056  
T: 740.788.8107 F: 740-788-8109  
[info@klaritymedical.com](mailto:info@klaritymedical.com)  
[www.klaritymedical.com](http://www.klaritymedical.com)