

## Klarity Bolus Pellets INSTRUCTIONS FOR USE

### GENERAL INFORMATION

Klarity Bolus Pellets are designed for use with patients undergoing radiation therapy.

### PRODUCT DESCRIPTION

Klarity Bolus Pellets are a specially formulated low melting point thermoplastic for bolus applications in radiation oncology. It is easy to mold and can be adhered to thermoplastic masks. Bolus Pellets can be formed into any desired shape.

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

### MAINTENANCE AND DISPOSAL

Klarity Bolus Pellets must be stored in a dry, clean place at a temperature between 50-95 °F (10-35 °C). Avoid direct sunlight.

The formed Klarity Bolus Pellets can be cleaned and disinfected with soapy water or an isopropanol-based disinfectant and applied with a soft cloth. Do not use aerosol sprays, corrosive cleaning agents, solvents, or abrasive detergents.

Dispose of Bolus Pellets with normal facility waste after patient's treatment cycle is completed. This thermoplastic material is biodegradable.

### INSTRUCTIONS FOR USE

There are two methods for heating Klarity Bolus Pellets.

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

1. Preheat oven to 165°F (73°C).
2. Remove the Bolus Pellets from the sealed plastic pouch or container.
3. Place the pellets in a silicon or non-stick muffin cup in the oven. Heat until they are transparent, usually 10-20 minutes, depending on the amount of bolus and oven model (do not exceed 1 hour).
4. Remove the Bolus Pellets from the silicone cup and form the Bolus Pellets to the contours of the patient pressing and sculpting the bolus to the desired position for 1-2 minutes. Continue molding until the material has regained its original color and becomes firm.
5. If using Bolus Pellets on a thermoplastic mask, lightly sand the mask before adhering the bolus. The sanding will remove the coating from the mask to achieve better adhesion.

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

6. Preheat water bath to 165°F (73°C).
7. Place the Bolus Pellets in the water until it becomes soft and pliable, less than 5 minutes. The material will become completely transparent when it is ready. Use a nylon mesh in the water bath to prevent the Bolus Pellets material from sticking to the metal parts of the water bath. You can use a cup of hot water to melt Bolus Pellets if desired.
8. Remove the pellets from the bath and shake off excess water. The Bolus Pellets set up quickly, so time your application accordingly.
9. Form the Bolus Pellets to the contours of the patient pressing and sculpting the bolus to the desired position for 1-2 minutes. Continue molding until the material has regained its original color and becomes firm.

To be used by a qualified medical professional  
IFU-A-003



**EC REP**

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