



## Applications

Simplified application of IMRT to breast treatments

Accurately repeats both shape and position, treatment after treatment

Reduces dose to the lungs, heart and ribs



## Modalities

Intensity-Modulated Radiation Therapy (IMRT)



The Treatment Brassiere dependably delivers a more uniform dose every time. It reshapes the ipsilateral breast more favorably for radiation treatments and repositions the contralateral breast away from the beams. A full brassiere library of 40 cups is available in a portable caddy for convenient, organized fitting of nearly all patients.

Data on increased skin dose due to the ipsilateral cup were submitted to the FDA. These data provided a comparison of skin dose increased by the Treatment Brassiere with the increase found for various thermoplastic positioning devices on the market. The skin dose due to the cup material (0.50 mm thick for small cups to about 0.63 mm thick for very large cups) was found to be substantially less than for other positioning devices. The FDA has issued a 510 (k) Marketing Clearance for the Treatment Brassiere.

**Cup Selection:** Cups are divided into four groups corresponding to small thoraxes (chest breadths from 27 to 32 cm), medium thoraxes (32 to 36 cm), large thoraxes (36 to 42 cm), and extra-large thoraxes (over 42 cm).

Begin by measuring a patient's chest breadth when supine and wearing her clothing brassiere. This indicates the group containing the right cup for her. The cups of the group (five each for left or right) are removed from the Treatment Brassiere Caddy and the cup making the best fit is selected. (Clothing Brassiere sizes cannot be used for cup selection because of poor correlation between clothing brassiere sizes and breast volumes.)

Cup Size*	Observed Volume
A	94 – 225 ml
B	146 – 458 ml
C	267 – 835 ml
D	499 – 1,120 ml
DD	988 – 1,427+ ml
DDD	2,765 – 3,176 ml

\*Data as reported by 75 models. Some cup volumes shown are altered from other cups as required for continuous gradation.

## Model Numbers

Model No.	Product Description
BR-100-TBC	Basic Brassiere Library with Caddy, 40 different cups
BR-100	Basic Brassiere Library without Caddy, 40 different cups
BR-100S	Small Group, breast volume to be specified
BR-100M	Medium Group, breast volume to be specified
BR-100L	Large Group, breast volume to be specified
BR-100XL	Extra Large Group, breast volume to be specified

## Specifications

Packing Size	Packing Weight
25W x 25D x 25H	1 kg
10W x 10D x 10H in	2 lb.