

PreciseRT™ for BOOST

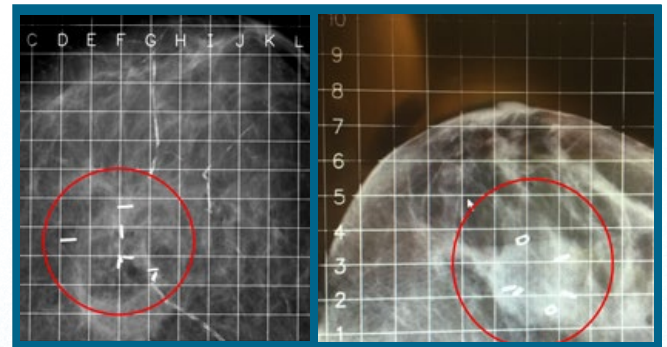
The PreciseRT™ Approach To Targeted Boost

Boost is a critical component in the prevention of cancer in Breast Conservation Therapy (BCT), but traditional approaches have drawbacks. In a recent study, a review of current delivery techniques shows that for the patients studied, “only 51% of the PTV received 90% or more of the prescribed dose when... using electron boost”¹. Your patients deserve better! The PreciseRT approach to delivering the boost dose combines the superb imaging of mammography with the benefits of breast immobilization. Combining mammographic imaging with shielded applicators allows the radiation oncologist to deliver a conformal dose to the target with maximum confidence.



UNIQUE CLINICAL BENEFITS

- **Image Guidance** – Mammographic imaging provides superior imaging for target identification in each treatment fraction.
- **Disease Based Adjustments** – Use pathologic or alternate imaging data to modify field size, shape and position to target the disease site rather than reference cavity or scar location alone.
- **Breast Immobilization** – Eliminate margin expansion related to chest wall or patient motion.
- **Schedule Flexibility**– Deliver the boost before, during or after XBRT



EXCLUSIVE TARGETING OPTIONS

- **Posterior Targets** – The therapeutic dose is delivered to posterior targets while minimizing exposure to intervening tissue by using a 4-field box approach and delivering the dose tangential to the chest wall.
- **Peri/Sub Areolar Targets** – Unlike en-face electrons, the technique uses multiple fields/directions along with shielded applicators making this an excellent application.
- **Tissue Sparing** – The technique has been shown to spare skin, heart, lung and chest wall from unintentional dose.

CLINICAL PUBLICATIONS SHOW

- Nominal 30% smaller PTV²
- Decrease in Fibrosis³
- Lessening of Acute skin toxicity³
- Reduction of Chestwall, Heart and Lung Dose of up to 10x²
- No Skin Bridge limits
- 97% Excellent and Good cosmesis⁴

REFERENCES: ¹Benda et al Cancer 2003. ²Sioshansi et al IJORBP 2011. ³Leonard et al CBC 2013. ⁴Hamid et al IJORBP 2013.
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PreciseRT™
immoblize. image. irradiate.

Advanced Radiation Therapy
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