

What are they?



What are they?



MammoSite



Contura



Structure
Adjust Volume
Implant (SAVI)

- What are difference between them?
- Why use a balloon in partial breast irradiation?
- What is a typical diameter of the balloon
- What need to be checked before delivery? (pre-treatment QA)
- How accurate TG-43 calculation is in SAVI treatment?
- What other techniques can be used for intra-cavity breast irradiation

What are they?



MammoSite



Contura

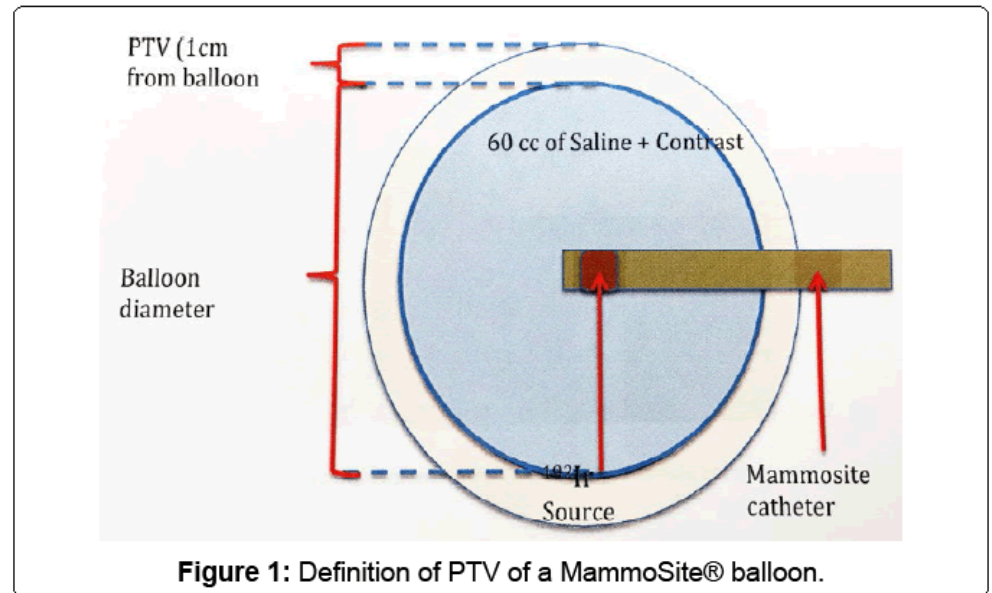


Structure
Adjust Volume
Implant (SAVI)

- What are difference between them
MammoSite is single channel
Contura is multi-channel
Both of them are balloon based
SAVI can create asymmetric dose distribution

- Why use a balloon in partial breast irradiation?
Avoid hot spot, could be 200% to 300% of prescription dose

V20 < ? Cc
V150 < ? CC



- What need to be checked
 1. Balloon Diameter (using CT, ultrasound....)
 2. Device Rotation (for SAVI)
 3. Catheter and transfer tube length
 4. Assignment of catheter to treatment channel