

**Figure 5. (A) Before suctioning air (volume of air = 7.7% of PTV\_EVAL) and (B) after suctioning air (volume of air = 0.4% of PTV\_EVAL) next to the balloon. Suctioning air/fluid improves tissue-balloon conformance, thereby allowing a higher dose of radiation to be delivered to the breast tissue at greatest risk of harboring residual tumor cells.**

