

Time-of-Flight PET Breast Imaging Assembly

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Technology description

Current breast PET imaging modalities have a limited field of view, particularly close to the chest wall. In this new design, the detector head are placed further apart and past the base of the breast increasing the field of view of the chest wall. Novel, circular configuration of detectors improves coverage of the base of the breast. Time-of-flight is used to reconstruct the top and bottom sampling angles that are outside the range of the detector.

Institution

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