visionrt

Safety. Ingenuity. Community.

CASE STUDY
FINANCIAL GROWTH & THROUGHPUT

20% Increase in Patient Volume
67% Reduction in Treatment Time

OVERVIEW:

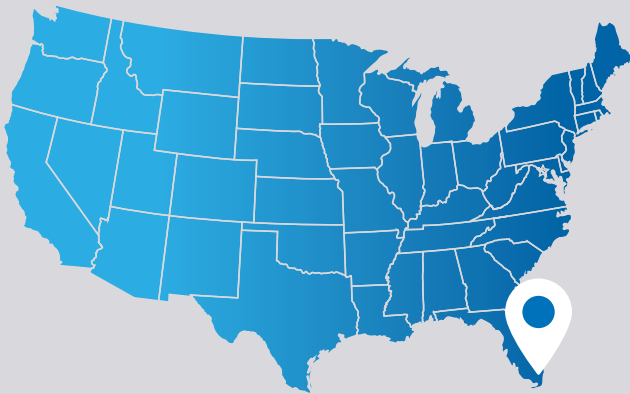**Institution Type:** Large hospital-based cancer center in Florida
Opened: 2015
SGRT System: OSMS / AlignRT
Years with system: 4 years
Linac: Varian Edge
Typical cancer types treated: SRS, SBRT, Breast DIBH

CHALLENGE

The staff wanted to maintain high patient treatment standards, but also reduce "special procedure" treatment times.

1   **STREAMLINE WORKFLOW**
Learn workflows of new technology, to have confidence in consistent treatment delivery.

2   **IMPROVE EFFICIENCY**
Reduce the amount of time to treat SRS, SBRT, Breast DIBH by reducing / eliminating repeat cone beam CT.

3   **OFFER CUTTING-EDGE TECHNOLOGY**
Maintain its brand as an innovative center that provides patients with the latest treatment options and improves the standard of care.

RESULTS

- The center increased overall patient volume from 348 to 418 patients in less than 12 months with the same therapist staff and time as the previous 2 years.

- Transitioned all DIBH Breast patients from spirometry motion management system to AlignRT and reduced patient treatment time from 45 minutes to 15 minutes.

- Eliminated the 3rd CBCT from their typical SRS worklfows due to the accuracy of the AlignRT system for SRS patient setups.

2018	348
2019	418

20%
INCREASE IN PATIENT VOLUME (+70 PATIENTS)

67%
LESS TREATMENT TIME (DIBH BREAST)

+80
patients in this area searched the saferradiationtherapy.com locator by zip code (2019)

FUTURE PLAN

Maintaining its innovative, patient-centric brand, the center plans to implement SafeID, a non-contact patient and accessory verification system and GateCT, a real-time surface tracking solution for 4DCT Acquisition.

SOLUTION

Working with their Vision RT Clinical Application Specialist, the staff identified the need for focused training on "special procedures" (i.e., SRS, SBRT, Breast DIBH) to solve their throughput challenges and refine their workflow processes. The Vision RT Field Service Engineer also ensured full support for advanced procedures.

1 TRAINING PROGRAM

- 3-Phase training empowered staff to integrate AlignRT's many applications with minimal disruption
- Designated Project Champions provided positivity and motivation to train other staff and act as on-site points of support

2 TECHNICAL SUPPORT TEAM

Planned maintenance visits and remote diagnostic monitoring provided by factory-trained engineers who proactively minimized downtime

"*The AlignRT SGRT system has enabled us to treat some of our breast cancer patients incorporating IMRT APBI based on the Florence Trial; these patients receive a total of 5 fractions treated every other day. This is a huge benefit for our patients as their treatments are reduced from 4-6 weeks to less than 2 weeks. AlignRT reassures us that our patients are correctly positioned, and treatments are delivered safely and accurately every time.*"

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