



Guidance for **EVERY** step

CASE STUDY

THROUGHPUT, PATIENT COMFORT & AUTOMATED REPORTING AT A FREE-STANDING CENTER

alignrt® OIS REPORTS™ MODULE



OVERVIEW:

Institution Type: Freestanding specialty cancer center

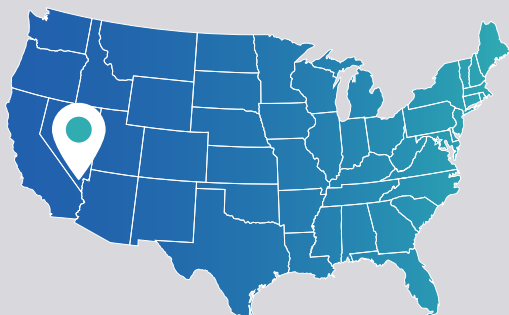
Location: Las Vegas, NV

SGRT System: AlignRT

Linac: Varian IX

Patient Volume: 75-80 patients per day

Primary Focus: High-throughput prostate treatments



OBJECTIVES

The Las Vegas Prostate Center is focused on delivering high-quality prostate cancer treatments with maximum efficiency and patient comfort. They wanted an SGRT solution that would maintain their high daily patient throughput, provide patient satisfaction, and manage documentation in a high-volume environment. With 75–80 patients treated daily, they could not risk delays or missed reports. Their solution criteria were focused on three main objectives:

1

EFFICIENCY

LVPC needed an SGRT system that would help them with consistent, reproducible setups to reduce setup and treatment times.

2

PATIENT COMFORT

LVPC wanted technology to help them deliver the most comfortable and customized cancer treatment for their patients.

3

REIMBURSEMENT AND COMPLIANCE

While AlignRT automatically generates detailed treatment reports, LVPC needed to eliminate manual reporting inefficiencies.



"AlignRT gives us confidence that our patients are positioned accurately and monitored continuously throughout treatment, improving both safety and outcomes. At the same time, the OIS Reports Module streamlines documentation, allowing us to focus more on patient care while maintaining an efficient and compliant workflow."



Brandon Dyer, M.D.
Radiation Oncologist



SOLUTION

The Las Vegas Prostate Center implemented AlignRT and OIS Reports Module to optimize their treatment safety and efficiency, and help eliminate manual reporting inefficiencies.

1

ALIGNRT

AlignRT streamlined clinical workflows by improving setup accuracy, reducing adjustment time, and cutting re-imaging rates by 50%. The technology also supported the center's transition to a tattoo and mark-free treatment approach, enhancing both patient experience and operational efficiency.

2

OIS REPORTS MODULE

LVPC implemented the OIS Reports Module to streamline documentation by automatically capturing AlignRT treatment data, integrating reports directly into the ARIA patient timeline, enabling physician review and approval within the OIS, and supporting accurate coding and compliance documentation. This transformed a time-consuming manual reporting process into a seamless, automated workflow that improved efficiency and documentation accuracy.

TRAINING & GO-LIVE SUCCESS

1

Pre-go-live training and patient pre-loading into AlignRT ensured staff readiness and a seamless implementation process.

2

Strong collaboration between radiation therapy leadership and Vision RT teams enabled rapid adoption with minimal disruption.

3

AlignRT was implemented with no clinical downtime while maintaining patient volume, treatment schedules, and overall clinical workflow efficiency.

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"Things are going great. AlignRT allows us to accurately position and continuously monitor patients during treatment, while the OIS Reports Module automatically captures and integrates that data into ARIA. Together, they've made the report uploading and approval process completely seamless for our team."

Mitchell Hess, R.T. (T)
Radiation Center Manager

RESULTS

1

CLINICAL EFFICIENCY

LVPC was able to reduce their treatment times 7-8 minutes consistently per patient and maintain their high patient volume of 75-80 without disruption to their scheduled block times.

2

TATTOO AND MARK-FREE

LVPC was able to do a full transition to tattoo and mark-free treatments in **under 3 months**.

3

DOCUMENTATION & OPERATIONAL GAINS

By automating report management, LVPC eliminated manual report handling and uploads, ensured no treatment reports were missed for billing or compliance, and delivered significant time savings for therapists and staff.



**TATTOO AND MARK
TREATMENT ACHIEVED
IN 3 MONTHS**



**7-8
MINUTE TREATMENT
TIMES**



**10%
TIME SAVINGS IN
DOCUMENTATION**

REIMBURSEMENT & COMPLIANCE PARTNERSHIP

Las Vegas Prostate Center partners with Radiation Business Solutions (RBS) to support reimbursement strategy, coding, and compliance initiatives. Together with AlignRT and the OIS Reports Module, the center has established a streamlined documentation workflow designed to support accurate billing, audit preparedness, and future Active Motion Management reimbursement opportunities.

FUTURE PLANS AND EQUIPMENT UPGRADES

Las Vegas Prostate Center continues to invest in technologies that support its high-volume, patient-focused treatment model. The center plans to upgrade from a Varian IX to a Halcyon system and implement AlignRT InBore to further enhance treatment accuracy, workflow efficiency, and real-time patient monitoring throughout treatment.



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