

alignrt[®]



PATIENT-CENTERED TREATMENT, DOWN TO THE SUB-HALF-MILLIMETER.



Empowered to
deliver treatment
as planned. That's
peace of mind.

PATIENTS MOVE. SO WE'VE MOVED THE BAR.

With AlignRT[®], the patient's surface is tracked in 3D with sub-millimetric accuracy so that radiation is only delivered when the patient is correctly positioned.

Non-coplanar tracking accuracy*
≤0.3 mm / ≤0.2°

* Includes the most challenging clinically realistic configurations; couch rotations, pod occlusions and deep isocenters. When tracking rigid phantom under specific conditions.¹

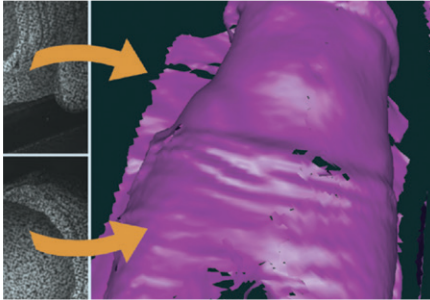
EVERY PATIENT. EVERY FRACTION.

AlignRT[®] can be used for patient setup and monitoring for all forms of cancer, including but not limited to SRS, DIBH, SBRT, pelvis, sarcoma, and pediatrics. Setup and monitoring are fast and accurate.

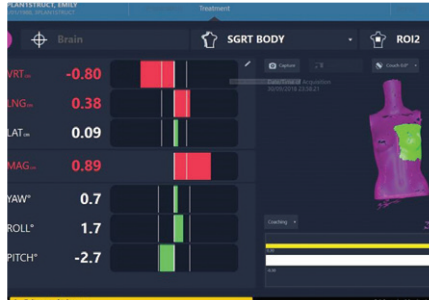
THE PROVEN SOLUTION TO HEALTHY TISSUE DAMAGE

In studies, AlignRT:

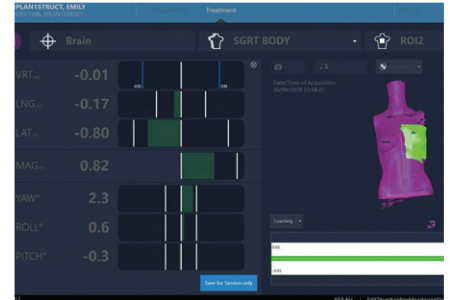
- +DIBH resulted in 0% of patients with radiation-induced abnormalities in blood flow vs 27% of patients who avoided cardiac perfusion defects in a similar, earlier study without AlignRT or DIBH^{2,3}
- Delivered equivalent 5-year outcomes vs more invasive methods for benign base-of-skull lesions^{4,5}



A pseudo-random speckle-pattern is projected onto the patient's skin. The cameras use stereo-vision techniques and a triangulation process to create a high-res 3D surface of the patient that comprises several thousand points (displayed on the monitor).



Users can then monitor patient movement in real time, in all 6 degrees of freedom.



Users can create customized tolerance thresholds of movement; the radiation beam is automatically held* if the patient moves out of tolerance.

*See Vision RT's third-party interface statement for a list of validated beam-hold interfaces.

Defining the Standard of Care in Surface Guided Radiation Therapy

CONTROL THE TECH. FOCUS ON THE PATIENT.



Can save time and reduce imaging



Increased patient comfort during SRS and breath-hold treatments



No invasive frames or closed masks



Greater accuracy without tattoos or lasers⁷



Reduced need for general anesthesia for pediatric patients⁶



98.5% system uptime

Discover AlignRT®'s superior evidence, service, and support at www.visionrt.com