alignrt®

Providing safety, efficiency and comfort

Every patient, every fraction, every treatment

> *"The benefits of AlignRT® are to do with patient safety. Major positioning errors and minor positioning errors can all be caught by AlignRT® and that's a major benefit, both for us and for our patients who know they have that extra safety."*
>
> Margaret O'connor, BS RT(T), Manager of Radiation Oncology Technical Services, Health Quest, New York, USA*

> *"AlignRT® really gives us a sense of confidence that our patients are positioned correctly, day in, day out."*
>
> David Wiant PhD, Senior Physicist, Cone Health Cancer Center, NC, USA*

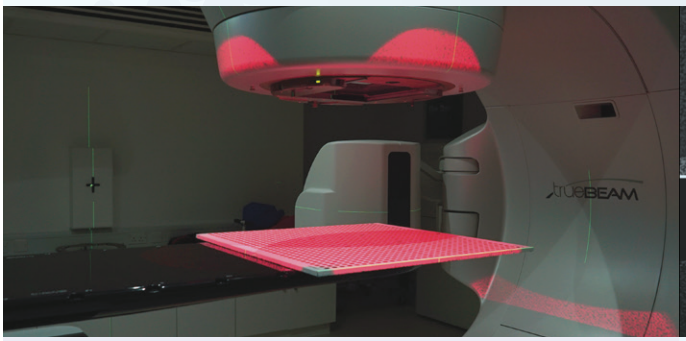
Ensures speed and accuracy in patient setup

Allows you to track patient positioning in real time with sub-millimetric accuracy

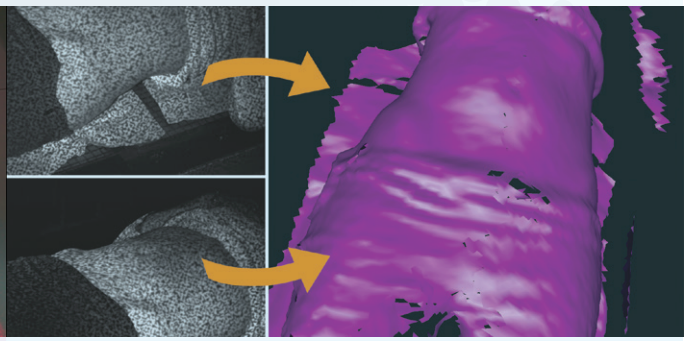
Purely optical system; non-invasive and non-ionizing, no markers or fiducials needed

*These customer quotes report on clinical use and performance of Vision RT products by independent users. These have not been validated by Vision RT and thus are not endorsed by Vision RT. Users of Vision RT's products should develop and validate their own workflows consistent with clinical practice within their facility.

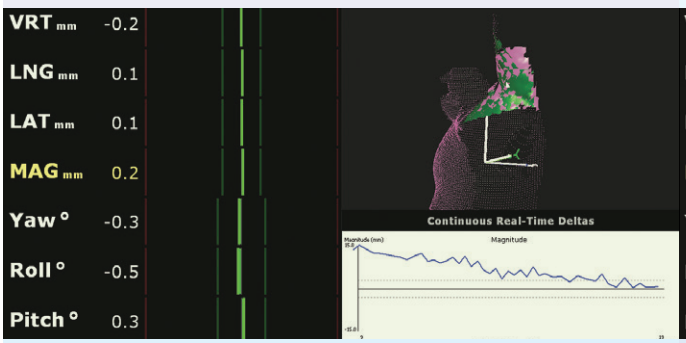
alignrt® CORE TECHNOLOGY



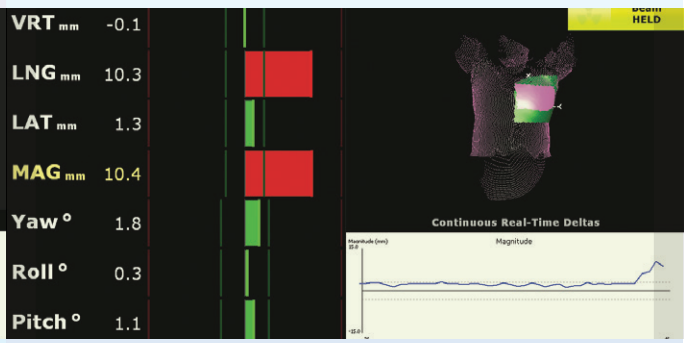
Camera calibration identifies positions, orientations and optical properties of all camera sensors and lenses



A pseudo-random speckle pattern is projected on the patient's skin. The cameras use stereo vision techniques and a triangulation process to create a high-res 3D surface of the patient (displayed on 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 list of validated beam-hold interfaces.

visionrt

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