SIM   **PLAN**   TREAT   DOSE

MAPRT & ALIGNRT:
A PERFECT FIT FOR **PROTON**

maprt®

maprt®

Clearance mapping for better planning

NEW

MapRT helps to make treatments fast, easy and safe. It uses SGRT to deliver a "clearance map", which planners use to check which beams are deliverable during plan creation.

Gantry Angle

Couch Angle

Better Plans Made Easy.

Check treatment clearances before sim.

Potentially improve dose plan using clearance map beam options.

Avoid dry runs and replans for non-deliverable plans.

The API delivers clearance maps and surfaces for key variables including:
- Treatment machine
- Couch configuration
- Imaging panel position
- Isocenter location
- Spatial safety buffer

Discover more at **visionrt.com/maprt**

MapRT has an API that responds to requests for clearance maps from popular treatment planning systems

MapRT for Proton and RayStation integration with MapRT are works in progress, not currently for sale.
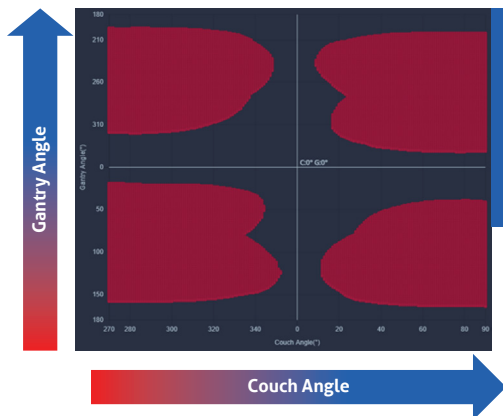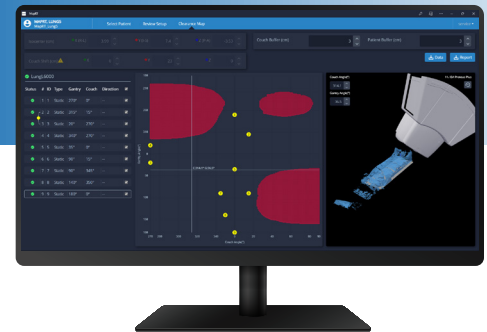
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alignrt®

AlignRT® provides sub-0.5mm patient setup and tracking accuracy, enhancing treatment precision and efficiency without additional imaging dose.

alignrt®

Unmatched precision and efficiency in proton therapy

Published data shows the use of AlignRT with Proton Therapy for various treatment indications, including pelvis, limb, chest and spine, and demonstrated:

- **Faster and more accurate** patient setup [1]
- **Accurate and efficient** calculation of the air gap to confirm the target depth at treatment [2]
- **Reduced x-ray imaging** [3]
- **Accurate dose delivery** of proton breast treatment plans [4]
- **Quicker, streamlined workflow** versus using conventional skin marks [5]

Seamless integration with the proton therapy workflow simplifies patient setup and enables clinics to offer tattoo and mark-free treatments. If a patient moves out of position, AlignRT can automatically signal the system to pause treatment, typically within 50-100ms.

The Postural Video™ module gives you a multi-angle, real-time view of the patient's overall alignment relative to their reference position during setup and monitoring by using an outline of the reference surface and a live video stream of the patient.

Reduces setup time by 29% vs. standard SGRT.[6]

AlignRT is operational with proton systems manufactured by: Hitachi, IBA, Varian, and Mevion (*gating interface currently available on selected models).

Discover more at **visionrt.com/proton**

The Postural Video™ module is only available with AlignRT.

vision**rt** | **Guiding Radiation Therapy**™