RAYSEARCH AT AAPM 2026 | BOOTH #1401

BOOK A DEMO

RayCare*

- Online adaptive planning with RayCare, RayStation and the Varian Truebeam[2, 3]
- Online adaptive planning with RayCare, RayStation and Grace from Leo CC[2, 3]
- Active oncology workflows, with automation
- RayStation integration
- Multi ISO deliveries
- DRR Contours
- Treatment integrations
  - Varian TrueBeam®[2]
  - Radixact® and CyberKnife®™[2]
  - Proteus® PLUS/One[2]
  - Hitachi ProBeat®, ProBeat Marie[2, 3]
- Treatment course management
- Diagnosis and staging
- Microsoft Word integration
- RayWorld scripting
- RayCare oncology RT PACS
- Image review
- Whiteboards
  - Planning
  - QA
  - Treatment
  - Appointments
  - Active patients
  - Charge review
  - Resource allocation
- Chemo planning integrated with RayStation (Prototype)[4]
- iOS – use of iPad

RayStation*

- High-speed automated adaptive replanning and daily dose tracking
- Deep Learning Segmentation
- Deep Learning Planning[1]
- Deformable image registration
- Synthetic CT from CBCT
- Automated treatment planning and integration with the Plan Explorer module
- Automating the full workflow from image import to organ segmentation and plan optimization
- Automated planning with ECHO[3]
- Plan explorer module for fast generation and evaluation of multiple plans
- Fallback planning
- Reirradiation planning and EQD2 support[4]
- CyberKnife®, Radixact® and planning[2]
- OXRAY®[2, 3]
- Monte Carlo dose for MR-linacs
- Stereotactic planning
- Brachytherapy planning
- Particle planning
  - Proton arcs
  - LET optimization and evaluation
  - PBS optimization on GPU
  - Robust optimization and evaluation
  - Eye planning and more
- Upright treatment planning
- Photon planning support for spiral or helical arcs
- Radiobiological optimization and evaluation
- Integrated support for EPID QA
- Clearance check integration with MapRT, from Vision RT[2]
- C-RAD surface guided image conversion[2, 4]
- Radionuclide therapy[4]
- Image-guided liver ablation planning[1, 3]
- GE Healthcare joint solution – InstaPlan®(In GE Booth)[2, 4]
- FLASH[4]

RayMigrate

RayMigrate is a tool that helps clinics move patient data from the Pinnacle treatment planning system into RayStation or standard DICOM format, so the data can continue to be used in clinical workflows without recreating it manually.

μ-RayStation

μ-RayStation[5] (Micro-RayStation) is a software platform for planning and evaluation in small animal irradiation research.

RayImaging*™ 3, 4

RayImaging[3, 4] is an advanced imaging platform that enables visualization, analysis, and advanced image processing, while integrating clinical workflows across radiotherapy and radiology, with seamless connectivity to PACS systems.

RayIntelligence

- Plan Set Creation and Comparison (RayStation data)
- RT Treatment Courses Overview (RayCare)
- Custom Chart and Dashboard Creation (RayStation or RayCare)
- DLS monitoring (RayStation data)
- RT Treatment Planning Overview (RayStation and RayCare)

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* RaySearch products and functionalities may be under ongoing development and/or subject to regulatory review and may not be cleared or approved in all jurisdictions. Demonstrated configurations, workflows, and screenshots may differ from commercially available products.

1. Includes machine-learning-based functionality and/or third-party solutions. Machine-learning-based functionality does not replace clinical judgment and must be used in accordance with applicable instructions for use and local regulations. Availability, regulatory status, and market clearance may vary by jurisdiction. Certain machine-learning functionality may have market-specific restrictions (e.g. USA and Canada).

2. Functionality relies on third-party technology. RaySearch does not control certification, clearance, or intended use claims for the third-party products.

3. Not for sale in the USA and Canada or any other restricted jurisdiction.

4. This functionality is investigational, not CE-marked or FDA-cleared, and is not available for clinical use.

5. Micro-RayStation is intended for pre-clinical research (in accordance with guidelines for ethical use of animals in research), and is not to be used for any clinical purpose.

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ECHO-algorithm developed at Memorial Sloan Kettering Cancer Center.