

ON DEMO IN OUR BOOTH

RayStation*

- Dedicated particle planning features, including:
 - Proton arcs
 - Near instant proton Monte Carlo dose computation
 - Robust optimization and evaluation
 - Upright treatment planning
 - LET optimization and evaluation
 - Eye planning
 - Carbon and helium ion therapy
 - Multi-ion optimization
 - BNCT
 - IBA ConformalFLASH^{®4} and DynamicARC[®] planning
 - Fast proton optimization using GPU
- High-speed automated adaptive replanning and daily dose tracking
- Deep learning segmentation¹
- 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
 - Deep learning planning¹
 - Automated planning with ECHO³
 - Plan explorer module for fast generation and evaluation of multiple plans
- Fallback planning
- Reirradiation planning and EQD2 support⁴
- FLASH⁴

RayCare*

- Active oncology workflows, with automation
- RayStation integration
- Treatment integrations:
 - Proteus[®]PLUS/One²
 - Hitachi ProBeat[®], ProBeat Marie²
 - Varian TrueBeam[®]
 - Radixact[®] and CyberKnife^{™2}
- 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

RayIntelligence

- Plan Set Comparison
 - Multi-site plan benchmarking
 - Plan outlier flagging
- Deep Learning Segmentation monitoring
 - Performance metrics over time
 - Model usage by volume and site
- Treatment Course Overview
 - View by tumor group and protocol
 - Prescription and device utilization
- Customization opportunities
 - Team expertise mapping
 - Reirradiation patterns
 - Clinical workflow analysis

μ-RayStation

μ-RayStation⁵ (Micro-RayStation) is a software platform for planning and evaluation in small animal irradiation research.

RayImaging™

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.

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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 or Canada).

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6. DrugLog[®] is under development and not commercially available. Availability and regulatory status may vary by jurisdiction.

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InstaPlan Note: Once the customer purchases iRT, GEHC CT scanner and RayStation[®].

Customer owns the configuration of these products that will enable the InstaPlan workflow. Supported CT systems: All Models © 2024 GE HealthCare. Edison is a trademark of GE HealthCare. GE is a trademark of General Electric Company used under trademark license. JBXXXXXXX

ECHO-algorithm developed at Memorial Sloan Kettering Cancer Center.