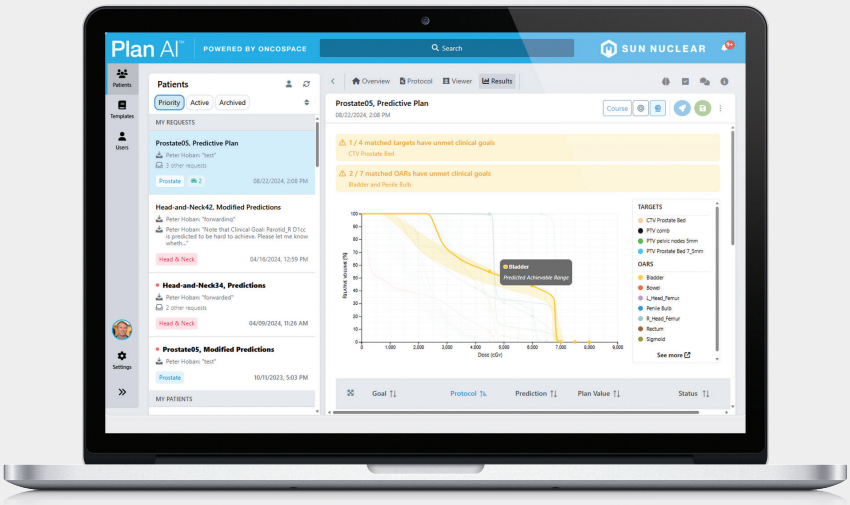
SUN NUCLEAR
A MIRION MEDICAL COMPANY

POWERED BY ONCOSPACE

Plan AI™

AI-Powered Treatment Planning Assistant

Save time and drive continuous improvement in plan quality with predictive, patient-specific insights on achievable goals before planning begins.



The Quality You Expect. Faster. Easier.

Plan AI is a data-driven, AI-powered, cloud-native software application that predicts the 'Best Achievable' radiation therapy treatment plan outcomes upfront – before planning begins. By surfacing what's clinically possible early, Plan AI supports your team's goals of planning smarter, faster, and more collaboratively.

Plan AI enables radiation oncology teams to:

- Improve planning efficiency by reducing iterations and manual revisions
- Engage physicians early with predictive insights that support decision-making
- Accelerate plan approval by aligning teams around data-driven expectations
- Balance quality and deliverability from the start, with less trial and error
- Standardize care across teams

Plan AI software for prostate and head and neck, thoracic, abdomen, and pelvis radiotherapy is FDA 510(k) cleared, and for sale in the United States only.

"Plan AI provides confidence that each plan is being driven towards a good result for the patient. It will mean we spend less time adjusting the planning goals and waiting to see the effect on the dose distribution."

Timothy Showalter, M.D., M.P.H., Radiation Oncologist, University of Virginia

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Data-Driven. AI-Powered.

Unlike traditional TPS add-ons, Plan AI is not a checker, optimizer, or contouring tool. Rather, it's a clinical guide to the improved plan outcomes for your patients.

- Create personalized clinical goals and planning strategy before planning with DVH Predictions* of OAR sparing
- Import 'Best Achievable' dosimetric objectives into the TPS to drive plan creation
- Peer review all plans with communication tools and structured checklist

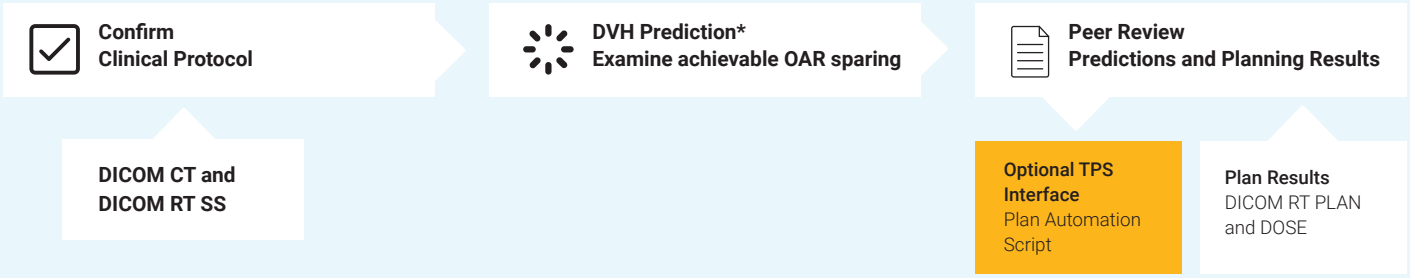
With robust models based on 5,000+ clinically delivered plans from Johns Hopkins University, you can count on proven quality for each treatment site – resulting in significantly less optimization effort required.

Plan AI supports:

- DVH predictions for OAR sparing before planning begins, enabling comparison to clinical goals and TPS outputs
- DVH evaluation allows at-a-glance comparison of predicted dose if available, clinical goals, and plan results with a DVH display and scorecard
- 50+ prescription and geometry features, supporting a wide variety of protocols
- Peer review using structured checklists, customizable clinical goal templates, and comparisons of TPS results to goals and predictions
- CT Image + Plan viewer for navigation and inspection of CT images, structures, and dose distribution
- Comprehensive, collaborative protocol management and plan evaluation tools are provided, including a Course Protocol Library that can be used as-is, modified, or form the basis for new protocols

Workflow at a Glance

- Send CT and Structure Set from TPS to Plan AI
- Assign clinical goals within Plan AI
- Evaluate DVH predictions for optimal OAR sparing
- Import AI-generated "Best Achievable" planning objectives into TPS
- Create treatment plan in TPS
- Return plan to Plan AI for final review



Specifications

Deployment Model	Cloud-native, SaaS
Host	Microsoft Azure
Access	Secure browser-based login with SSO
Operating System	Windows 10 or 11
Supported Browsers	All major browsers; Chrome recommended
Data Input*	DICOM CT images and RT Structure Sets from TPS

Data Output	DHV Predictions and planning objectives for import into DICOM-compliant TPS (Varian Eclipse™ and RaySearch RayStation™)
Regulatory Compliance	FDA 510(k) for DVH Predictions in the United States for Prostate, Head & Neck, Thoracic, Abdomen, and Female Pelvis radiotherapy and ISO/IEC 27001:2013
Data Security	HIPAA-compliant, encrypted cloud infrastructure

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Confirm Clinical Protocol

DVH Prediction* Examine achievable OAR sparing

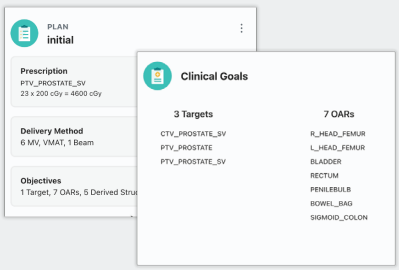
Peer Review Predictions and Planning Results

DICOM CT and DICOM RT SS

Optional TPS Interface
Plan Automation Script

Plan Results
DICOM RT PLAN and DOSE

Confirm Clinical Protocol



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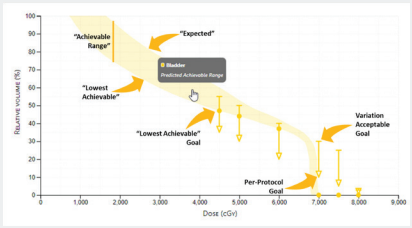

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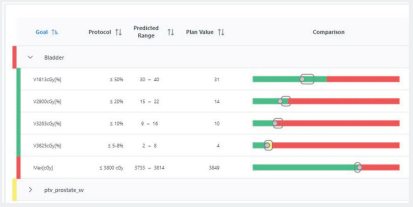

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