SunCHECK®
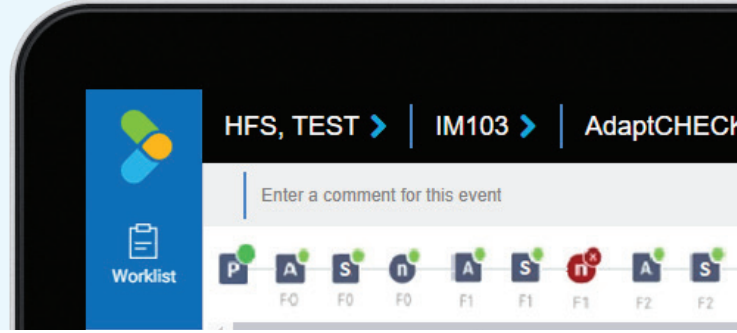
v5.1 Feature Set

With version 5.1 of the SunCHECK® Platform, we are pleased to introduce 15+ new features and advancements, including DoseCHECK™ Monte Carlo and the AdaptCHECK™ module.

HFS, TEST > | IM103 > | AdaptCHECK

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Worklist

See below for an overview of key v5.1 features, and their areas of impact.

Feature	Workflow	Reporting	Analytics	Innovation	User-Driven
Platform Improvements: Continued user interface refresh and tools to validate automation	x				x
Strengthened Security: Updated third-party components and additional penetration testing					x
NEW! Pre-Plan Feasibility (PlanCHECK™): Estimate ability to meet plan objectives prior to creating the treatment plan	x		x	x	
NEW! DoseCHECK™ Monte Carlo: Adds ability to generate 3D Secondary Dose Calculations using a Monte Carlo algorithm for photon and electron energies for linear accelerators, plus Accuray CyberKnife® systems				x	x
Varian Medical Systems® Ethos™ Therapy Integrations:					
PlanCHECK and DoseCHECK Support for initial Plan Checks and Secondary Dose Calculations	x			x	x
PerFRACTION™ Log-based Analysis for Pre-treatment QA and In-vivo Monitoring	x			x	x
NEW! AdaptCHECK™ for Online Adaptive Patient-Specific QA, including Secondary Checks and Log-based Analysis	x	x		x	x
NEW! MLC Log File Analysis during treatment delivery	x	x	x		x

🟧 Platform-level features   🟦 Patient QA-focused features   🟩 Machine QA-focused features

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Feature	Workflow	Reporting	Analytics	Innovation	User-Driven
NEW! Excel Data Import	x				x
Surface Guided Radiotherapy Test Support: Record and document SGRT test results for compliance of TG-302, TG-147 and ESTRO-ACROP standards	x	x		x	
Additional Phantom Support: Mobius MC2, Quart DVT_VN included parameters		x			x
Image-based QA Task Support for Varian Medical Systems® Halcyon™ and Ethos™ Systems: Acquire, analyze and trend leaf speed and dose rate/gantry rotation	x			x	x

🟨 Platform-level features　　🟦 Patient QA-focused features　　🟩 Machine QA-focused features

Learn more about SunCHECK v5.1 on the **Release Highlights** page at sunnuclear.com

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