

SunCHECK Platform

Select Features	Practical Application
Action-oriented dashboard	<ul style="list-style-type: none"> Overview of Patient and Machine QA actions <ul style="list-style-type: none"> Results/review for patient data Due, pending and approved Machine and Patient QA tasks Easy approval mechanisms, right from the dashboard
Common navigation mechanisms between Patient and Machine workflows	<ul style="list-style-type: none"> Consistent user experience across the platform

SunCHECK Patient

Select Features	Practical Application
New PlanCHECK Module <ul style="list-style-type: none"> Physics Checks Dosimetric Checks Billing Compliance/Reporting 	<ul style="list-style-type: none"> Automated workflows for treatment plan validation, with more than 60 rules-based checks Easy identification of deviations with user-defineable pass/fail results Automated, comprehensive structure-based checks, including dose/volume metrics compared to user-definable constraints Quickly generate reports for patient chart and billing documentation
New ArcCHECK direct device integration	<ul style="list-style-type: none"> Array based Pre-Treatment QA support, complementing phantomless offerings -- and providing optimal, unmatched flexibility for Patient QA Efficient audit QA Improved root cause analysis
Independent Patient QA for Varian Halcyon™ System	<ul style="list-style-type: none"> First commercially-available solution for Halcyon secondary dose calculations Log file-based Pre-Treatment QA Log file-based In-Vivo Monitoring
Transit Dosimetry <ul style="list-style-type: none"> 2D absolute dose for Fraction N Streamlined calibration process 	<ul style="list-style-type: none"> Fully independent absolute dosimetric QA of patient treatments, using only calibrated EPID data Ability to verify setup and first fraction against plan (74% of errors occur in first fraction – Bojchko et al, Med Phys) Patient position, movement and anatomy inherently included in analysis Makes true dosimetric In-Vivo Monitoring clinically feasible For European Union, supports required compliance with 2013/59/ EURATOM – Article 83
Universal Metrics <ul style="list-style-type: none"> “Plug and Play” metrics - no customization needed Use for each phase of Patient QA May apply >1 metric set to QA simultaneously 	<ul style="list-style-type: none"> Simpler, more automated assessment of all Patient QA results Works relative to approved treatment plan, eliminating the need for adjustment or customization for each patient Instantly analyze the impact of different metric criteria sets, including dose coverage and limits, and quickly switch criteria

SunCHECK Patient (cont.)

Select Features	Practical Application
Consistent Event Summary Display <ul style="list-style-type: none"> Target and OAR gamma dose metrics displays in a single view Across all phases of Patient QA 	<ul style="list-style-type: none"> View Points, Beams, Targets, OARs, Overall Gamma, DVH, and Images in a single navigable view Auto identification of Targets and OARs
3D secondary dose calculations for conventional linacs, Varian ICVI and BrainLab Stereotactic Cone Systems, Halcyon and Monte-Carlo based TomoTherapy® support	<ul style="list-style-type: none"> Complete 3D secondary dose calculations for Halcyon and TomoTherapy in the same system used for conventional linacs <ul style="list-style-type: none"> Eliminate need for standalone solution
3D TG-43-compliant HDR Brachytherapy secondary dose calculation support	<ul style="list-style-type: none"> Complete 3D secondary dose calculations for HDR brachytherapy in the same system used for conventional linacs, Halcyon and TomoTherapy systems

SunCHECK Machine

Select Features	Practical Application
Comprehensive Daily, Monthly and Annual QA <ul style="list-style-type: none"> Standard and complete TG-142 and DIN templates for Daily, Monthly, Annual QA User-friendly editing or creation of customized QA templates/tasks Share QA templates across machines and centers Automated imaging, MLC, and VMAT QA task integration 	<ul style="list-style-type: none"> Get up and running quickly with complete and detailed templates No need for spreadsheets! Reduce QA delays, contributing to increased Patient Safety Set QA to standards, or customize to your own specific requirements Ensure consistency across your enterprise
Daily QA 3, IC PROFILER and PC Electrometer direct device integration	<ul style="list-style-type: none"> Perform beam measurements for certain Daily, Monthly and Annual QA tasks with a quick one-step process Operate and save results in real-time--no uploads or file transfers
Fully TG-142/MPPG8 compliant	<ul style="list-style-type: none"> Demonstrate compliance for accreditation purposes
Flexible data trending	<ul style="list-style-type: none"> See if a given parameter is moving towards an out-of-tolerance condition Opportunity for pro-active machine management
Centralized data storage and flexible reporting	<ul style="list-style-type: none"> Easy report retrieval for accreditation/compliance audits Meet documentation needs

Visit sunnuclear.com/suncheck to request your demonstration.