

Sun Nuclear Adds New Capabilities to SunCHECK™ with Version 3.0

Release features include automated plan checking and enhanced Pre-Treatment QA

Melbourne, Florida – [Sun Nuclear](#) announced today that it has released Version 3.0 of its [SunCHECK™ Platform](#). Over 800 users worldwide rely on SunCHECK for integrated, independent Patient and Machine Quality management.

Version 3.0 includes the release of PlanCHECK™ to address the time-consuming task of treatment plan checks. PlanCHECK automatically loads patients' plan files into the Treatment Planning System and performs the plan checks – significantly streamlining this intensive process. Within the PlanCHECK module:

- **Physics Checks** enable users to validate treatment plans against department requirements, and easily identify deviations, with user-defined pass/fail results.
- **Dosimetric Checks** automatically assess performance of a treatment plan versus intent, verifying a variety of comprehensive, structure-based checks.

PlanCHECK becomes the first phase of the SunCHECK™ Patient workflow, followed by secondary checks (DoseCHECK™), Pre-Treatment QA (PerFRACTION™) and In-Vivo Monitoring (PerFRACTION™) — all integrated into a single platform.

Also available in v3.0, SunCHECK now has direct integration with ArcCHECK®, the world's most selected independent 4D measurement array for Pre-Treatment QA.

With direct integration of ArcCHECK, SunCHECK users can choose between independent array-based and phantom-less measurement, or a calculation-based solutions – or can opt to use both. Together, the proven options within SunCHECK provide unmatched flexibility for Patient QA, efficient audit QA, and improved root cause analysis.

“SunCHECK version 3.0 provides new and valuable capabilities with the introduction of PlanCHECK and integration of ArcCHECK. It is clear Sun Nuclear's SunCHECK will improve efficiency as it adds essential QA capabilities,” notes Arthur Olch, Ph.D., FAAPM, Professor of Clinical Radiation Oncology and Pediatrics at Children's Hospital Los Angeles and University of Southern California Keck School of Medicine.

About SunCHECK

SunCHECK is an integrated and automated Quality Management Platform for standardizing Patient and Machine QA workflows among staff, machines, and locations. The SunCHECK Patient module encompasses all parts of Patient QA —Plan Checks, Secondary Checks, Pre-Treatment QA, and In-Vivo Monitoring. The SunCHECK Machine module integrates all Machine QA needs, including Daily, Monthly, and Annual QA; automated imaging, MLC and VMAT QA; and data trending. During the COVID-19 pandemic, Medical Physics teams are finding it invaluable for standardizing processes and gaining remote access to Quality Assurance.