QA for the Varian Halcyon™ Platform

Sun Nuclear offers a range of independent QA solutions for the Halcyon Platform, including a comprehensive verification and acceptance package.

**Halcyon Platform Acceptance and Verification Package**

**IC PROFILER™**

**1D SCANNER™**

**PC Electrometer™**

**SNC125c™**

**SNC600c™**

Supporting Literature:

SU-I-GPD-P-42: Acceptance and Verification of Halcyon Linear Accelerators Without the Need for 3D Water Scanning System

S Gao, et al. The University of Texas MD Anderson Cancer Center, Houston, TX.

- Halcyon Platform Acceptance and Verification Package used to accept and commission the Halcyon/Eclipse system

*Package includes calibration for your chambers and electrometer.*

*See the following pages for more solutions that support the Varian Halcyon™ platform.*
Additional Independent QA for the Varian Halcyon™ Platform

Patient QA

Supporting Literature:
TH-CD-205-12: Application of the AAPM TPS Professional Practice Guideline in Commissioning a Paired Prototype Linear Accelerator/TPS
Y Li, et al., The University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences, Houston, TX.
- Patient specific QA performed on Halcyon system for 9 IMRT and 9 VMAT plans using ArcCHECK®
- 98.4% and 99.5% gamma passing rates (3 mm/3%) for QA of 9 IMRT and 9 VMAT plans

SunCHECK™ Patient DoseCHECK™

SRS Film QA

PlanIQ™

SunCHECK™ Patient PerFRACTION™

IVD™2 & rf-IVD™2

MICRO+™
**Dosimetry**

3D **SCANNER™**
For Beam Model Verification

Halcyon Kit includes: Couch Positioning Plate, AutoSetup and Halcyon-specific Scan Support

**EDGE Detector™**

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**Machine QA**

Daily QA™ 3

**StereoPHAN™**

SunCHECK™ Machine
**SNC Machine™**

**MultiPHAN™**

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**Task Group 66 & CT QA**

Advanced Electron Density Phantom

**CT ACR 464 Phantom***

**CTDI Phantoms**

The Laser Alignment Phantom (100a100)*

*Custom modules to support Halcyon in development