



## MACHINE QA

- **Fully-Automated Star Shot Analysis**  
RIT's enhanced film Star Shot beam detection routine has a fully-automated interface with robust and highly accurate detection artificial intelligence algorithms. Polarity, ROI, number of spokes, and spoke center are automatically extracted from the image, then applied in the analysis.
- Stereotactic Alignment Test (2D Winston-Lutz)
- Stereotactic Cone Profiles
- Field Alignment Test
- Electron Energy (TG-25)
- Radiation/Light Field Coincidence
- Quick Flatness and Symmetry
- Isodose Measurements

## PROFILES

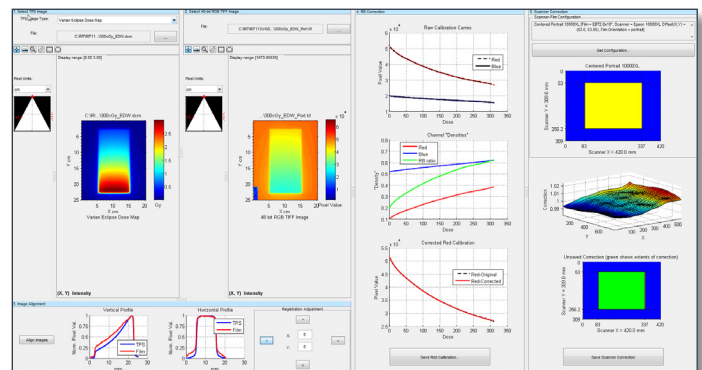
- **Cross Profiles**  
This includes Flatness, Symmetry, Penumbra, FWHM, Integrated Dose, and more.
- **Depth Dose Profiles**  
This includes Electron Energy, PDD,  $D_{MAX}$ ,  $D_{10}$ ,  $D_{20}$ , and other statistics.

## MLC QA

- Bayouth MLC Analysis
- Memorial Sloan Kettering Picket Fence Pattern
- MLC Transmission Analysis (TG50 Recommended)
- TG50 Picket Fence
- Varian DMLC Test Pattern Analysis

## FILM DOSIMETRY FOR QA

- Vidar Scanner Interface (Vidar Scanner Control Center)
- Radiochromic Film Non-Uniformity Correction
- Vidar Advantage Pro 180° Correction
- Automated 21-Point Film Processor Correction  
[Patents: EP 1252550, CA 2396952, JP 3817176, and US 6528803](#)
- 2D Scanner Spatial Calibration for Vidar and Flatbed Scanners
- **Flatbed Non-Uniformity Correction**



This advanced feature corrects for flatness and uniformity variations in scanners, corrects for non-uniformities in EBT3 film to improve the film's dosimetric accuracy, and provides you with the option to automatically generate a calibration file.

- Sensitometry  
[Patents: EP 1252550, CA 2396952, JP 3817176, and US 6528803](#)
- **Generic Image File Import**  
Import generic JPEG, TIFF, and bitmap image files from sources other than a Vidar Scanner, giving you increased flexibility in your workflow.

**REQUEST A PERSONAL DEMONSTRATION:**

[www2.radimage.com/demo](http://www2.radimage.com/demo)