• **FAST PATIENT IMRT QA WITHOUT LINAC TIME**
  Imported treatment planning system fluence is directly compared to independently calculated fluence in IMSure for analysis of the entire field instead of just a single point. Import patient contours and specify regions of interest for structure specific analysis.

• **NEW! VMAT PLAN QA**
  Import VMAT plans directly into IMSure. Using the CT image files and structure set, the software automatically calculates the effective depth of each calculation point for every segment in the VMAT arc. Improved BEV display and new optional control point report provide this expanded information to the user.

• **ACCURATE DOSE VERIFICATIONS WITH 3-SOURCE MODEL**
  The patented Stanford University “3-Source Model” results in highly accurate dose calculations for segmented treatments such as IMRT and VMAT.

• **SINGLE PAGE INTERFACE FOR FAST AND EASY ANALYSIS**
  Single screen for inputs, outputs and field-to-field comparisons for quick plan review. Plans are compared in six different ways, including difference maps, gamma maps and histograms.

• **CT IMAGE SET UTILIZATION**
  Automate calculation of SSD & effective depths for calculation points based on the CT image set.

**FAST, PRECISE**
Unprecedented accuracy from the patented “3-Source Model” algorithm, — no film, no phantom, no linac time required.
Features

Validated Results
- The performance of IMSure QA Software has been verified in multiple publications*

Intuitive MU Dose Calculations
- Improved enhanced dynamic wedge calculations and wedge support
- SSD and field size dependent diode calibration factors
- Extended SSD PDD and Cutout Factors for electrons
- Check MU or specific-point dose quickly and easily with automatic hand calculations
- Import patient contours for visualization or to account for flash (missing tissue)
- Block editor for quickly checking effects of changes in field size

Accurate Dose Calculations of IMRT and VMAT
- NEW! Import VMAT plans directly into IMSure for easy VMAT QA calculations
- Multiple dose calculation points, including off-axis calculations
- Patented 3-Source Model more accurately displays high-gradient/low-dose regions of small fields, linac parameters and MLC leakage

Fast, Accurate Brachytherapy Checks
- Perform second checks of HDR, LDR and permanent implant plans with 3D views of calculation reference points. Utilizes the TG-43 formulism for dose calculations

Thorough Stereotactic QA
- Expedite calculation of cone-based or MLC-based SRS plans based on dose-rate in DICOM files with IMSure’s easy-to-use stereotactic features

Cyberknife Plan Verification
- Fast and easy verification of plan MU and dose for both composite and per projection analysis

Simple Physics Interface and Reporting
- NEW! Improved support for Flattening Filter Free beams
- Easily imports TPS fluence maps, MLC leaf sequence files and provides graphical representation of beam data
- Supports unlimited machines, energies, treatment planning systems and record & verify systems through centralized data storage and exports from linear accelerator for simulated dose delivery

IMSure QA Software (REF 91326) SPECIFICATIONS

<table>
<thead>
<tr>
<th>OPERATING SYSTEM</th>
<th>Windows® 8.1</th>
<th>HARD DRIVE</th>
<th>50 MB or greater</th>
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<td></td>
<td>Windows® 7</td>
<td>SCREEN RESOLUTION</td>
<td>1024 x 768 or higher</td>
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<tr>
<td>PROCESSOR</td>
<td>Intel® or AMD®, 600 MHz or greater</td>
<td>CD–ROM DRIVE</td>
<td>2X speed or greater</td>
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<td>PRODUCT STANDARDS</td>
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