

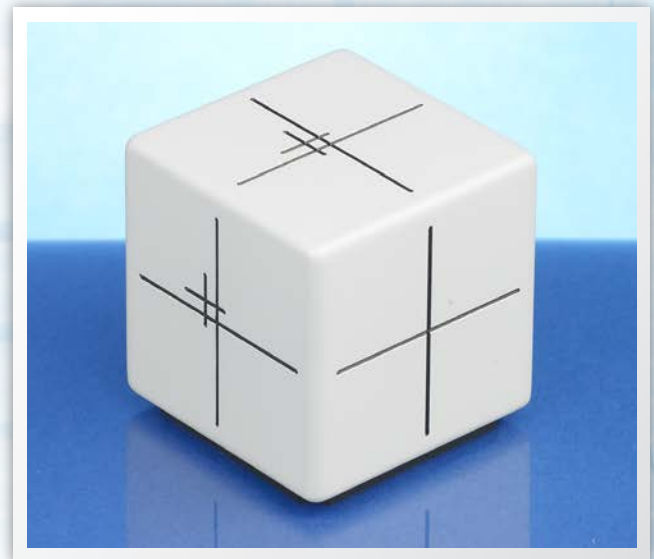
## IsoCenter Cube

Verify **IGRT** setup **accuracy** in less than 5 minutes

### KEY BENEFITS

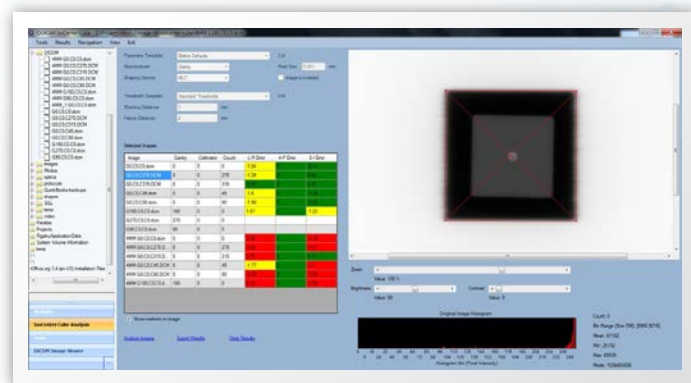
- ✦ Quick simple Winston-Lutz testing for IGRT accuracy
- ✦ Minimize CBCT artifacts Software
- ✦ Analyze EPID radiation field exposures
- ✦ Analyze various shaping devices
- ✦ Report left/right, superior/inferior and anterior/posterior errors at configurable gantry, collimator and table angles

The QUASAR™ IsoCenter Cube is designed to provide information needed to clinically implement a modified Winston-Lutz test for IGRT accuracy.



Test end-to-end IGRT positioning accuracy for clinical treatment setups with 0.1 mm precision in less than 5 minutes. The test is performed by aligning a phantom containing radiopaque sphere with IGRT system, then capturing radiation field exposures with film or EPID. The test results are used to determine end-to-end accuracy for frameless SRS, SBRT, and IGRT treatments.

Analyze IsoCenter Cube's Winston-Lutz images with the IsoCenter Cube Software.



### ANALYSIS SOFTWARE

- ✦ Import and analyze EPID images
- ✦ Configure gantry collimator and couch rotation parameters
- ✦ Export results for trending purposes
- ✦ Define parameter and threshold templates

## QUASAR™ in Radiation Therapy

The Quality Assurance System for Advanced Radiotherapy (QUASAR™) supports the testing of a wide variety of dosimetric and nondosimetric functions of planning systems, CT simulators and delivery systems.

QUASAR™ is a valuable part of any quality assurance program. From respiratory motion and MLC beam geometry to daily on-board imaging QA, QUASAR™ phantoms and software are ready to be incorporated into your QA protocols for regularly scheduled testing. They are also effective for commissioning new systems and upgrades, and testing repairs.

Designed by and for medical physicists, QUASAR™ quality assurance tools provide you with confidence that every patient is getting the best possible treatment.

## QA PHANTOM



### IsoCenter Cube

Verify IGRT setup accuracy in less than 5 minutes



### SPECIFICATIONS

- ✦ Acrylic cube; 5 x 5 x 5 cm
- ✦ Tungsten sphere at isocenter 6mm diameter
- ✦ Rubber no-slip base
- ✦ Laser alignment marks on cube
- ✦ Offset laser alignment marks on 3 faces

### MINIMUM TECHNICAL REQUIREMENTS

- ✦ Standard desktop or laptop PC with Windows 7, Vista or XP
- ✦ 1 GB RAM
- ✦ .NET framework 4.0

### ORDERING INFORMATION

100-1016 QUASAR™ IsoCenter Cube Package  
(includes Phantom and Software)

### CONTACT INFORMATION

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